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# 科研诚信与规则

## 万跃华

浙江工业大学

wanyuehua@zjut.edu.cn

2016. 10. 11

北京 汤森路透大讲堂

# 2015年3月BMC撤销41篇来自中国的论文是学术界最重磅的一则消息

- BMC集团 (Bio Med Central Group) 是世界上最大的高质量开放期刊获取杂志, 其中包括《生物学期刊》(Journal of Biology), 《BMC医药学》(BMC Medicine) 和《基因生物学》(Genome Biology) 等知名刊物。目前拥有277个同行评议杂志, 这些杂志都属于开放获取杂志, 就是作者承担出版费用, 读者免费。被撤销43篇论文, 41篇是来自中国学者。



The screenshot shows the BioMed Central website interface. At the top, the logo reads "BioMed Central The Open Access Publisher". Below the logo is a navigation bar with links for "Home", "Journals", "Articles", "Gateways", "About BioMed Central", and "My BioMed Central". A search bar is visible in the top right corner. The main content area displays "Search results" for the query "retraction". It indicates "41 item(s) found for: retraction (All words) in 72e added in Last 7 days". There are buttons for "Advanced search", "Boolean search", "Refine this search", and "Add to saved searches". The results are listed on "Page 1 of 1" with "Articles per page: 25 | 50 | 100". The list includes six items, each with a "Retraction Note" title, a brief description, author names, journal information, and a date. Each item also has a link for "Full text | PDF".

学术诚信和道德再一次给科研人员敲响警钟

1. **Retraction Note** [Open Access](#)  
Retraction Note: Impact of guidewire selection and operator expertise on radiation exposure in transradial angiography  
Xianmin Yang, Ninglu Wang, Xiaoshan Tong, Xianhua Ye, Liang Zhou, Guoxin Tong, Yun Shen, Shuzheng Lv  
Journal of Cardiothoracic Surgery 2015, **10**:42 (27 March 2015)  
Full text | PDF
2. **Retraction Note** [Open Access](#)  
Retraction Note: Meta-analysis of the effect of percutaneous coronary intervention on chronic total coronary occlusions  
Ruogu Li, Shuansuo Yang, Lei Tang, Yiqing Yang, Hui Chen, Shaofeng Guan, Wenzheng Han, Hua Liu, Jinjie Dai, Qian Gan, Weiyi Fang, Xinkai Qu  
Journal of Cardiothoracic Surgery 2015, **10**:43 (27 March 2015)  
Full text | PDF
3. **Retraction** [Open Access](#)  
Retraction Note: Analysis of protein-protein interaction network and functional modules on primary osteoporosis  
Gai-Li Li, Xian-Hua Xu, Bing-Ang Wang, Yi-Min Yao, Yang Qin, Shu-Rong Bai, Jian Rong, Tao Deng, Yong-He Hu  
European Journal of Medical Research 2015, **20**:33 (26 March 2015)  
Full text | PDF
4. **Retraction Note** [Open Access](#)  
Retraction Note: Gene expression analysis in response to osmotic stimuli in the intervertebral disc with DNA microarray  
Wenzhi Zhang, Xu Li, Xifu Shang, Qichun Zhao, Yefeng Hu, Xiang Xu, Rui He, Liqun Duan, Feng Zhang  
European Journal of Medical Research 2015, **20**:32 (26 March 2015)  
Full text | PDF
5. **Retraction Note** [Open Access](#)  
Retraction Note: Establishing an osteosarcoma associated protein-protein interaction network to explore the pathogenesis of osteosarcoma  
Bi-Yong Deng, Ying-Qi Hua, Zheng-Dong Cai  
European Journal of Medical Research 2015, **20**:40 (26 March 2015)  
Full text | PDF
6. **Retraction Note** [Open Access](#)  
Retraction Note: Integrated gene network analysis and text mining revealing PIK3R1 regulated by miR-127 in human bladder cancer  
Yahong Xu, Shunwen Luo, Yang Liu, Jian Li, Yi Lu, Zhigang Jia, Qihua Zhao, Xiaoping Ma, Minghui Yang, Yue Zhao, Ping Chen, Yu Guo  
European Journal of Medical Research 2015, **20**:43 (26 March 2015)  
Full text | PDF

# BMC因同行评审造假撤销43篇论文

- 在几乎每一篇被撤回的论文后面，BMC均附上了一段解释：“我们很遗憾地撤回了这篇论文，因为同行评审过程受到不当影响和危害。因此，这篇论文的科学诚信无法保证。系统而详细的调查表明，存在一个第三方机构为大量论文提供潜在同行评审人的造假细节。”
- 撤稿解释中有这样一段话：“不能质疑的是，这篇文章的作者没有意识到有第三方试图操纵同行评审的手稿。”



Journal of Orthopaedic Surgery and Research  
December 2015, 10:42

Open Access  
Retraction Note

Retraction Note: Pathological dislocation of the hip due to coxotuberculosis in children: a 29-case report

四川大学华西医院

Xin Jiang, Yuan Li, Lijun Liu, MingXin Peng, XueYang Tang, DaoXi Wang, XiaoDong Yang

First online: 26 March 2015  
Received: 04 March 2015 | Accepted: 04 March 2015  
DOI: 10.1186/s13018-015-0179-7

Springer BMC期刊撤销声明

The online version of the original article can be found under doi:10.1186/1749-799X-9-16.

The online version of the original article can be found at <http://dx.doi.org/10.1186/1749-799X-9-16>.

## Retraction

The Publisher and Editor regretfully retract this article [1] because the peer-review process was inappropriately influenced and compromised. As a result, the scientific integrity of the article cannot be guaranteed. A systematic and detailed investigation suggests that a third party was involved in supplying fabricated details of potential peer reviewers for a large number of manuscripts submitted to different journals. In accordance with recommendations from COPE we have retracted all affected published articles, including this one. It was not possible to determine beyond doubt that the authors of this particular article were aware of any third party attempts to manipulate peer review of their manuscript.

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1. Pathological dislocation of the hip due to coxotuberculosis in children: a 29-case report (Retraction of vol 9, 16, 2014)  
作者: Jiang, Xin; Li, Yuan; Liu, Lijun; 等  
JOURNAL OF ORTHOPAEDIC SURGERY AND RESEARCH 卷: 10 文献号: 42 出版年: MAR 26 2015  
出版商处的全文
2. Pathological dislocation of the hip due to coxotuberculosis in children: a 29-case report (Retracted article. See vol. 10, 42, 2015)  
作者: Jiang, Xin; Li, Yuan; Liu, Lijun; 等  
JOURNAL OF ORTHOPAEDIC SURGERY AND RESEARCH 卷: 9 文献号: 16 出版年: MAR 10 2014  
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Subdiscipline	Orthopedics	2
Language	English	2

Retraction Note: Pathological dislocation of the hip due to coxotuberculosis in children: a 29-case report

Xin Jiang, Yuan Li, Lijun Liu, MingXin Peng. in *Journal of Orthopaedic Surgery and Research* (2015)

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RETRACTED ARTICLE: Pathological dislocation of the hip due to coxotuberculosis in children: a 29-case report

The aim of this study is to evaluate the clinical outcome of various surgery methods in children suffering pathological dislocation of the hip joint due to coxotuberculosis.

Xin Jiang, Yuan Li, Lijun Liu, MingXin Peng. In *Journal of Orthopaedic Surgery and Research* (2014)

Download PDF (56 KB) View Article

# BMC因同行评审造假撤销43篇论文

- 同行评审造假的问题正在影响整个学术期刊出版，BMC科研诚信部副主任吉基莎·帕特尔（Jigisha Patel）“这种造假行为的方式多样化，包括论文作者提前让朋友们提供正面评价，精心设计同行评审圈，圈子里的评审人相互评价各自的论文，以及模仿真实的评审人，甚至捏造完全不存在的评审人。”
- “第三方机构”若隐若现：委托第三方机构进行论文语言的润色和组织。
- 国际出版伦理委员会（COPE）意识到当下“同行评审造假”已自成体系，这一不当行为似乎是由大量第三方机构主导而成。
- 帕特尔表示，“从我们期刊上被发现的论文来看，造假的水平比想象更复杂。作者之间没有明显的关联，但是推荐评审人很相似，这表明复杂的造假机制背后，可能存在一个第三方机构操纵一切”。



European Journal of Medical Research  
December 2015, 20(43)

Open Access  
Retraction Note

Retraction Note: Integrated gene network analysis and text mining revealing PIK3R1 regulated by miR-127 in human bladder cancer

Yahong Xu, Shunwen Luo, Yang Liu, Jian Li, Yi Lu, Zhigang Jia, Qihua Zhao, Xiaoping Ma, Minghui Yang, Yue Zhao, Ping Chen, Yu Guo

First online: 26 March 2015  
Received: 25 January 2015 | Accepted: 03 March 2015  
DOI: 10.1186/s40001-015-0119-3

The online version of the original article can be found under doi:10.1186/2047-783X-18-29

The online version of the original article can be found at <http://dx.doi.org/10.1186/2047-783X-18-29>

## Springer BMC期刊撤销声明

### Retraction

The Publisher and Editor regretfully retract this article [1] because the peer-review process was inappropriately influenced and compromised. As a result, the scientific integrity of the article cannot be guaranteed. A systematic and detailed investigation suggests that a third party was involved in supplying fabricated details of potential peer reviewers for a large number of manuscripts submitted to different journals. In accordance with recommendations from COPE we have retracted all affected published articles, including this one. It was not possible to determine beyond doubt that the authors of this particular article were aware of any third party attempts to manipulate peer review of their manuscript.

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1.				
<b>Integrated gene network analysis and text mining revealing PIK3R1 regulated by miR-127 in human bladder cancer (Retraction of vol 18, 29, 2013)</b>				
作者: Xu, Yahong; Luo, Shunwen; Liu, Yang, 等. EUROPEAN JOURNAL OF MEDICAL RESEARCH 卷: 20 文献号: 43 出版年: MAR 26 2015				
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2.				
<b>Integrated gene network analysis and text mining revealing PIK3R1 regulated by miR-127 in human bladder cancer (Retracted article. See vol 20, 43, 2015)</b>				
作者: Xu, Yahong; Luo, Shunwen; Liu, Yang, 等. EUROPEAN JOURNAL OF MEDICAL RESEARCH 卷: 18 文献号: 29 出版年: SEP 1 2013				
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Content Type	Article
Article	2
Discipline	2
Medicine	2
Subdiscipline	
Language	2
English	2

Article: Retraction Note: Integrated gene network analysis and text mining revealing PIK3R1 regulated by miR-127 in human bladder cancer

Yahong Xu, Shunwen Luo, Yang Liu, Jian Li, Yi Lu... In: European Journal of Medical Research (2015)

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Article: RETRACTED ARTICLE: Integrated gene network analysis and text mining revealing PIK3R1 regulated by miR-127 in human bladder cancer

Cancer is the result of a complex multistep process that involves the accumulation of sequential alterations of several genes, including those encoding microRNAs (miRNAs) that have critical roles in the regula...

Yahong Xu, Shunwen Luo, Yang Liu, Jian Li, Yi Lu... In: European Journal of Medical Research (2013)

[Download PDF \(2013\)](#) | [View Article](#)

# Springer因同行评审造假撤销64篇论文

Retraction Watch

Tracking retractions

- 继数月前英国BMC出版社撤回43篇论文后，其母公司德国施普林格出版集团也于2015年8月18日撤回旗下10本学术周刊上发表的64篇论文。两次论文撤回事件都由于同行评议过程造假，且大多数涉事论文的作者来自中国。
- Springer撤销声明称，Springer的编辑发现了伪造的邮箱地址，随后进一步调查发现了造假的同行评议。经过更加深入的调查Springer认定64篇论文牵连此事。

## 64 more papers retracted for fake reviews, this time from Springer journals

with 7 comments

## 撤稿观察报道新闻

This is officially becoming a trend: Springer is pulling another 64 articles from 10 journals after finding evidence of faked peer reviews, bringing the total number of retractions from the phenomenon north of 230.



Given that there have been about 1,500 papers retracted overall since 2012, when we first reported on the phenomenon, asked reviews have been responsible for about 15% of all retractions in the past three years.

This isn't the first time Springer has faced the issue. As owner of the BioMed Central journals, it issued 43 retractions for asked reviews earlier this year.

In a statement, the publisher explains how the latest round of retractions came to light:

“Springer confirms that 64 articles are being retracted from 10 Springer subscription journals, after editorial checks spotted fake email addresses, and subsequent internal investigations uncovered fabricated peer review reports. After a thorough investigation we have strong reason to believe that the peer review process on these 64 articles was compromised. We reported this to the Committee on Publishing Ethics (COPE) immediately. Attempts to manipulate peer review have affected journals across a number of publishers as detailed by COPE in their December 2014 statement. Springer has made COPE aware of the findings of its own internal investigations and has followed COPE's recommendations, as outlined in their statement, for dealing with this issue. Springer will continue to participate and do whatever we can to support COPE's efforts in this matter.

The publisher is also corresponding with the individual authors and institutions affected by the retractions:

“We have been in contact with the corresponding authors and institutions concerned, and will continue to work with them.

Springer added it's taking steps to avoid future incidents:

“The peer-review process is one of the cornerstones of quality, integrity and reproducibility in research, and we take our responsibilities as its guardians seriously. We are now reviewing our editorial processes across Springer to guard against this kind of manipulation of the peer review process in future.

We're still not sure which papers have been retracted, but will keep checking the Springer site for new notices and will update the post when we know more. [Update, 7:30 a.m. Eastern, 8/18. Here are the 64 papers.]

You can read more about our dive into the problem, which has affected several major publishers, in Nature

A Springer spokesperson provided us with more details about how they're trying to stop this from happening again:

“We have further strengthened our checks in our editorial offices as a result of this. We are working to support our external editors to make them aware of the issues and ensure that thorough checks of peer reviewers are completed. Credentials from peer reviewers will be increasingly checked by our editorial office, which support our editors-in-chief, and some journals may request more information in the form of an institutional e-mail address and/or SCOPUS ID of the suggested reviewer.

The authors are not always to blame for faked emails. Recently, BMC cleared the authors of a retracted paper of responsibility for faking the emails that compromised the peer review of their paper. Last month, we learned that it was he editors at Hindawi journals who faked emails in more than 30 papers.

In the 64 papers retracted today, too, the authors may not always have been involved, said the Springer spokesperson:

Findings suggest some third party agencies, offering pre-submission editing and submission assistance

The screenshot shows a SpringerLink article page with a retraction notice. The article title is "RETRACTED ARTICLE: Effects of Common Polymorphisms in the MTHFR and ACE Genes on Diabetic Peripheral Neuropathy Progression: a Meta-Analysis". The authors listed are Shuai Wu, Yan Han, Qiang Hu, Xiao-Jie Zhang, Guang Cheng Cai, and Yang-Hai Guan. The notice states that the article was retracted on October 25, 2015, due to compromised peer review. The page includes a search bar, navigation links, and a sidebar with "Other actions" such as "Register for Journal Updates" and "About This Journal".

## Springer 撤销记录

The screenshot shows a search results page on SpringerLink. The search criteria are "The Publisher and Editor retract this article in accordance with the recommendations of the Committee on Publication Ethics (COPE) within 2015 - 2015". The results list several retracted articles, including "RETRACTED ARTICLE: Correlation of Promoter Methylation in the MGMT Gene with Glioma Risk and Prognosis: a Meta-Analysis" and "RETRACTED ARTICLE: Effects of Common Polymorphisms in the MTHFR and ACE Genes on Diabetic Peripheral Neuropathy Progression: a Meta-Analysis". The page includes filters for content type, discipline, and subdiscipline.

The screenshot shows a SpringerLink article page with a retraction notice. The article title is "RETRACTED ARTICLE: GelsemiumElegansBenth alkaloids extract induced cell cycle arrest resulting in anti-proliferation and pro-apoptosis effects on SMMC-7721 cells in vitro and in vivo". The authors listed are Shouye Zhao, Peng Liu, Xinyuan Wen, and Song Jin. The notice states that the article was retracted on August 18, 2015, due to compromised peer review. The page includes a search bar, navigation links, and a sidebar with "Other actions" such as "Register for Journal Updates" and "About This Journal".

## Springer 撤销声明

The Publisher and Editor retract this article in accordance with the recommendations of the Committee on Publication Ethics (COPE). After a thorough investigation we have strong reason to believe that the peer review process was compromised.

The original article was published online on 26 November 2014.

- 2015年9月16日，中国科协主席韩启德公开痛斥：今年以来发生的**撤稿事件**，在国际学术界，**给我国学术界的声誉带来了严重的负面影响**，再次表明我国学术界仍然面临着学风浮躁、学术失范的严峻挑战。
- 韩启德在中国科协内部反复重申我国科技工作者在国际学术期刊发表论文的“五不”行为守则，其中一条就包括**不提供虚假同行审稿人的信息**。韩启德也曾表示，今后若再发生类似问题，所在单位都要坚决处理，发现一起，查办一起，对学术不端行为形成过街老鼠人人喊打的效应。

# Elsevier因同行评审造假撤销中国9篇论文

- 因论文同行评审造假，2015年10月Elsevier出版商撤销旗下5本杂志中的9篇论文，这9篇论文全部来自中国高校或研究机构。Elsevier发出声明称，出版伦理委员会调查发现这9篇论文的同行评审过程被人为操纵，随后爱思唯尔便撤销了这9篇论文。
- 自2012年来，Elsevier因同行评审造假而撤销的论文超过了20篇，所有出版商中因同行评审造假而被撤销的论文多达260篇。
- Elsevier计划采用新的编辑系统，可以自动化验证电子邮件地址是否合法。Elsevier还采用了其他一系列方法来阻止同行评审造假再次发生。

## Retraction Watch 撤稿观察报道新闻

### Elsevier retracting nine papers for fake peer review

with 9 comments

The fake peer review retraction count continues to mount.

Elsevier is retracting nine papers from five journals because fake email addresses for reviewers were provided during submission of the original manuscripts. According to a statement from the publisher:



“Nine papers are being retracted from five Elsevier journals due to manipulation of the peer-review process that led to their publication. The retractions follow a thorough investigation using industry best practices as outlined by the [Committee on Publication Ethics](#). The integrity of the editorial process was found to have been undermined by faked review reports linked to fictitious email addresses, provided to the journal as a suggested reviewer during submission.

Elsevier has retracted more than 20 [other papers](#) for the [same reason since 2012](#). The number of papers retracted for fake peer reviews across all publishers now [stands at about 260](#).

All but two of the notices will read as follows:

“This article has been retracted; please see Elsevier Policy on Article Withdrawal (<http://www.elsevier.com/locate/withdrawalpolicy>).

This article has been retracted at the request of the Editor and the Publisher.

After a thorough investigation, the Publisher has concluded that the acceptance of this article was based upon the positive advice of at least one faked reviewer report. The report was submitted from a fictitious email account which was provided to the journal as a suggested reviewer by the corresponding author during the submission of the paper.

This manipulation of the peer-review process represents a clear violation of the fundamentals of peer review, our publishing policies, and publishing ethics standards. Apologies are offered to the reviewers whose identities were assumed and to the readers of the journal that this deception was not detected during the submission process.

Here are the seven papers that are slated for retraction:

- “[Predictive and prognostic value of ER- \$\alpha\$ 36 expression in breast cancer patients treated with chemotherapy](#).” in *Steroids* (cited once, according to Thomson Scientific's Web of Knowledge)
- “[The synergistic effect between  \$\beta\$ -amyloid-1-42 and  \$\alpha\$ -synuclein on the synapses dysfunction in hippocampal neurons](#).” *Journal of Chemical Neuroanatomy* (cited once)
- “[Protein-protein interaction and SNP analysis in intraductal papillary mucinous neoplasm](#).” *Gene* (cited twice)
- “[Candidate agents for pancreatic ductal adenocarcinoma identified by a sub-pathway based method](#).” *Gene* (not yet cited)
- “[Microarray analysis of microRNA expression in liver cancer tissues and normal control](#).” *Gene* (cited 8 times)
- “[Association of TNF- \$\alpha\$ 308G>A polymorphisms with hepatocellular carcinoma in Han Chinese population: A systematic review and meta-analysis](#).” *Clinics and Research in Hepatology and Gastroenterology* (in press, not yet indexed)
- “[Correlations between peroxisome proliferator activator receptor  \$\gamma\$ , Cystatin C, or advanced oxidation protein product, and atherosclerosis in diabetes patients](#).” *Pathology — Research and Practice* (not yet cited)

Retractions for two of the papers have already appeared in the *Brazilian Journal of Infectious Diseases*, with slightly different retraction notices. For one, “[The rapid and sustained responses of dendritic cells to influenza virus infection in a non-human primate model](#)” (cited once), it appears as if the publisher suspects there was at least one fake review and perhaps even a fake author.

**Steroids**  
Volume 84, June 2014, Pages 11–16

### 《类固醇》

RETRACTED: Predictive and prognostic value of ER- $\alpha$ 36 expression in breast cancer patients treated with chemotherapy

Lanfang Yu, Wei Ke, Yanli Wang, Wei Ding, Bo Wang, Sui Huang, Jing Chen, Xiaoting Wang, Zhaoyi Wang, Pang Shen

doi:10.1016/j.stero.2014.03.003

Retraction notice to “Predictive and prognostic value of ER- $\alpha$ 36 expression in breast cancer patients treated with chemotherapy” [*Steroids* 84 (2014) 11–16] *Steroids*, Volume 106, February 2016, Page 94

This article has been retracted; please see Elsevier Policy on Article Withdrawal (<http://www.elsevier.com/locate/withdrawalpolicy>).

This article has been retracted at the request of the Editor and the Publisher.

After a thorough investigation, the Publisher has concluded that the acceptance of this article was based upon the positive advice of at least one faked reviewer report. The report was submitted from a fictitious email account which was provided to the journal as a suggested reviewer by the corresponding author during the submission of the paper.

This manipulation of the peer-review process represents a clear violation of the fundamentals of peer review, our publishing policies, and publishing ethics standards. Apologies are offered to the reviewers whose identities were assumed and to the readers of the journal that this deception was not detected during the submission process.

Corresponding author: Tel.: +86 24 25911162; fax: +86 24 83675100. Copyright © 2014 Elsevier Inc. All rights reserved.

**Gene**  
Volume 523, Issue 2, 10 July 2013, Pages 158–160

### Gene

RETRACTED: Microarray analysis of microRNA expression in liver cancer tissues and normal control

Lianjie Lin, Yan Lin, Yu Jin, Changping Zheng

doi:10.1016/j.gene.2013.02.055

Retraction notice to microarray analysis of microRNA expression in liver cancer tissues and normal control [GENE 523/2 (2014) 158–160] *Gene*, Volume 578, Issue 1, 1 March 2016, Page 137

This article has been retracted; please see Elsevier Policy on Article Withdrawal (<http://www.elsevier.com/locate/withdrawalpolicy>).

This article has been retracted at the request of the Editor and the Publisher.

After a thorough investigation, the Publisher has concluded that the acceptance of this article was based upon the positive advice of at least one faked reviewer report. The report was submitted from a fictitious email account which was provided to the journal as a suggested reviewer by the corresponding author during the submission of the paper.

This manipulation of the peer-review process represents a clear violation of the fundamentals of peer review, our publishing policies, and publishing ethics standards. Apologies are offered to the reviewers whose identities were assumed and to the readers of the journal that this deception was not detected during the submission process.

Corresponding author: Tel.: +86 24 25911162; fax: +86 24 83675100. Copyright © 2013 Elsevier B.V. All rights reserved.

2. **Microarray analysis of microRNA expression in liver cancer tissues and normal control** (Retracted article. See vol. 578, pp. 137, 2016)

作者: Lin, Lianjie; Lin, Yan; Jin, Yu; 等  
GENE 卷: 523 期: 2 页: 158-160 出版年: JUL 10 2013

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3. **Predictive and prognostic value of ER- $\alpha$ 36 expression in breast cancer patients treated with chemotherapy** (vol 84, pg 11, 2015)

作者: Yu, Lanfang; Ke, Wei; Wang, Yanli; 等  
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**Predictive and prognostic value of ER-alpha 36 expression in breast cancer patients treated with chemotherapy (vol 84, pg 11, 2015)**

作者: Yu, LF (Yu, Lanfang)<sup>[1]</sup>; Ke, W (Ke, Wei)<sup>[1]</sup>; Wang, YL (Wang, Yanli)<sup>[2]</sup>; Ding, W (Ding, Wei)<sup>[2]</sup>; Wang, B (Wang, Bo)<sup>[2]</sup>; Huang, S (Huang, Sui)<sup>[1]</sup>; Chen, J (Chen, Jing)<sup>[1]</sup>; Wang, XT (Wang, Xiaoting)<sup>[1]</sup>; Wang, ZY (Wang, Zhaoyi)<sup>[3]</sup>; Shen, P (Shen, Peng)<sup>[1]</sup>

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卷: 106 页: 94-94 **浙江大学医学院第一医院**

DOI: 10.1016/j.steroids.2016.02.001

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STEROIDS

Volume 84, June 2014, Pages 11–16

**RETRACTED: Predictive and prognostic value of ER-α36 expression in breast cancer patients treated with chemotherapy**

Lanfang Yu<sup>a</sup>, Wei Ke<sup>a</sup>, Yanli Wang<sup>a</sup>, Wei Ding<sup>a</sup>, Bo Wang<sup>a</sup>, Sui Huang<sup>a</sup>, Jing Chen<sup>a</sup>, Xiaoting Wang<sup>a</sup>, Zhaoyi Wang<sup>a</sup>, Peng Shen<sup>a</sup>

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Retraction notice to "Predictive and prognostic value of ER-α36 expression in breast cancer patients treated with chemotherapy" [Steroids 84 (2014) 11–16] *Steroids, Volume 106, February 2016, Page 94*

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This manipulation of the peer-review process represents a clear violation of the fundamentals of peer review, our publishing policies, and publishing ethics standards. Apologies are offered to the reviewers whose identities were assumed and to the readers of the journal that this deception was not detected during the submission process.

Corresponding author.

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**Antiviral and myocyte protective effects of IL-28A in coxsackievirus B3-induced myocarditis** (Ret of vol 19, pg 132, 2015)

作者: Wang, SH (Wang, Shihong)<sup>[1]</sup>; Huang, XY (Huang, Xingyuan)<sup>[1]</sup>; Zhang, J (Zhang, Jing)<sup>[1]</sup>; Huang, CX (Huang, Congxin)<sup>[2]</sup>

BRAZILIAN JOURNAL OF INFECTIOUS DISEASES  
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The Brazilian Journal of Infectious Diseases  
Volume 19, Issue 2, March–April 2015, Pages 132–140  
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**RETRACTED: Antiviral and myocyte protective effects of IL-28A in coxsackievirus B3-induced myocarditis**

Shihong Wang<sup>a</sup>, Xingyuan Huang<sup>a</sup>, Jing Zhang<sup>a</sup>, Congxin Huang<sup>a</sup>  
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After a thorough investigation, the Publisher has concluded that the peer-review process has been compromised and the scientific integrity of the paper cannot be guaranteed. Reviewer reports were submitted from email accounts which were provided to the journal as suggested reviewers by the corresponding author during the submission of the paper. However no confirmation has been received from those accounts upon further request from the Publisher to endorse that they were indeed the persons who completed the reviews and that the non-institutional email addresses were of them.

This manipulation of the peer-review process represents a clear violation of the fundamentals of peer review, our publishing policies, and publishing ethics standards. Apologies are offered to the readers of the journal that this deception was not detected during the submission process.

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## Correlations between peroxisome proliferator activator receptor gamma Cystatin C, or advanced oxidation protein product, and atherosclerosis in diabetes patients (Retracted article)

作者: Yang, HY (Yang, Haiyan)<sup>1</sup>; Wang, C (Wang, Chun)<sup>1</sup>; Guo, MZ (Guo, Meizi)<sup>1</sup>; Zhou, YH (Zhou, Yihua)<sup>2</sup>; Feng, ZH (Feng, Zhenhua)<sup>2</sup>; Yin, ZY (Yin, Zhenyu)<sup>1</sup>

PATHOLOGY RESEARCH AND PRACTICE  
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DOI: 10.1016/j.prp.2014.11.006  
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### 摘要

We aimed to explore the relationship between peroxisome proliferator activator receptor gamma (PPAR gamma), Cystatin C or advanced oxidation protein product (AOPP) and atherosclerosis (AS), and identify their diagnostic values for AS. Eighty AS patients above the age of 75 with type 2 diabetes were screened by brachial-ankle pulse wave velocity (baPWV) and ankle brachial index (ABI). The baseline level of patients was firstly analyzed, and then the expression of PPAR gamma was detected by reverse transcriptase-polymerase chain reaction (RT-PCR). Meanwhile, a double-antibody sandwich enzyme-linked immunosorbent assay was performed to analyze the concentration of AOPP, and immunonephelometry was carried out to detect the concentration of Cystatin C. The baseline level of patients was basically consistent. The expression of PPAR gamma was significantly higher in severe AS than mild AS patients ( $P < 0.05$ ), while no differences were found in serum Cystatin C and AOPP between severe AS and mild AS patients ( $P > 0.05$ ). Thus, PPAR gamma exhibited a high diagnostic value for severe AS (AUC=0.850), but not Cystatin C and AOPP (AUC=0.553, AUC=0.4780). Moreover, the combination of PPAR gamma, Cystatin C and AOPP exhibited a quite high diagnostic value in AS (AUC=0.961, Sen=0.9, Spe=0.975), which was also higher than PPAR gamma alone. In conclusion, the contents of PPAR gamma Cystatin C and AOPP were closely related to AS in diabetes, indicating a potential clinical diagnostic value of PPAR gamma, Cystatin C and AOPP in diabetes with AS. (C) 2014 Elsevier GmbH. All rights reserved.

### 关键词

作者关键词: Atherosclerosis; Diabetes; Peroxisome proliferator activator receptor; Cystatin C; Advanced oxidation protein product  
KeyWords Plus: CORONARY-ARTERY-DISEASE; PPAR-GAMMA; MELLITUS; INFLAMMATION; EXPRESSION; DYSFUNCTION; PROGRESSION; MECHANISMS; ATTENUATE; THICKNESS

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Pathology - Research and Practice  
Volume 211, Issue 3, March 2015, Pages 235-239

RETRACTED: Correlations between peroxisome proliferator activator receptor  $\gamma$ , Cystatin C, or advanced oxidation protein product, and atherosclerosis in diabetes patients

Haiyan Yang<sup>a</sup>, Chun Wang<sup>a</sup>, Meizi Guo<sup>a</sup>, Yihua Zhou<sup>a</sup>, Zhenhua Feng<sup>a</sup>, Zhenyu Yin<sup>a</sup>  
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**RETRACTED: Cloning, expression and evaluation of the efficacy of a recombinant *Entamoeba histolytica* cysteine proteinase (EhCP4) antigen in minipig**

Guang-Zhi He<sup>a</sup>, Yong Feng<sup>a</sup>, Shu-Xuan Deng<sup>a</sup>, Chuan-Wei An<sup>a</sup>

<http://dx.doi.org/10.1016/j.exppara.2012.01.019>

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Corresponding author. Fax: +86 0851 5601174.

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Experimental Parasitology  
Volume 130, Issue 3, March 2012, Pages 253–256

**RETRACTED: Evaluation of the efficacy of a recombinant *Entamoeba histolytica* cysteine proteinase gene (EhCP5) antigen in Minipig**

Guang-Zhi He<sup>a</sup>, Shu-Xuan Deng<sup>a</sup>, Wei-Yi Tian<sup>a</sup>, Yong Feng<sup>a</sup>

<http://dx.doi.org/10.1016/j.exppara.2011.12.004>

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Experimental Parasitology  
Volume 131, Issue 2, June 2012, Pages 258–260

**RETRACTED: Evaluation of the efficacy of a recombinant *Entamoeba histolytica* cysteine proteinase (EhCP12) antigen in minipig**

Guang-Zhi He<sup>a</sup>, Shu-Xuan Deng<sup>a</sup>, Chuan-Wei An<sup>a</sup>

<http://dx.doi.org/10.1016/j.exppara.2012.04.003>

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Experimental Parasitology  
Volume 130, Issue 2, February 2012, Pages 126–129

**RETRACTED: *Entamoeba histolytica*: Cloning, expression and evaluation of the efficacy of a recombinant amebiasis cysteine proteinase gene (ACP1) antigen in minipig**

Guang-Zhi He<sup>a</sup>

<http://dx.doi.org/10.1016/j.exppara.2011.11.007>

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# SAGE因同行评审造假撤销17篇论文

Retraction Watch

Tracking retractions as a service into the scientific process

- 2015年8月SAGE调查发现了同行评议造假，因此撤销了论文。其中《Perfusion》9篇，《Journal of Thermoplastic Composite Materials》3篇，《Journal of Vibration and Control》2篇，《International Journal of Damage Mechanics》2篇，《Proceedings of the IMechE, Part E: Journal of Process Mechanical Engineering》1篇。撤销的17篇论文中，有12篇的作者是同一个人：伊朗科技大学（Tehran's Iran University of Science and Technology）的Alireza Karimi
- 2014年SAGE就因同行评议造假撤销了旗下《Journal of Vibration and Control》杂志60篇论文。《灌注法》介绍灌注、氧谷、生物相容等方面临床实践的最新消息及进展，读者对象为心脏外科医师、灌注学家、麻醉师、生物工程师、生物化学家和血液学家等。

Journal of Thermoplastic Composite Materials

RETRACTED: An experimental study on the elastic modulus of gelatin hydrogels using different stress-strain definitions

Alireza Karimi<sup>1,2</sup>, Mahdi Navidbakhsh<sup>1,2</sup>, Hossein Yousefi<sup>3</sup>, Mansour Alizadeh<sup>3</sup>

<sup>1</sup>School of Mechanical Engineering, Iran University of Science and Technology, Tehran, Islamic Republic of Iran  
<sup>2</sup>Tissue Engineering and Biological Systems Research Lab, School of Mechanical Engineering, Iran University of Science and Technology, Tehran, Islamic Republic of Iran  
<sup>3</sup>Faculty of New Science and Technology, Tehran University, Tehran, Islamic Republic of Iran

Mahdi Navidbakhsh, School of Mechanical Engineering, Iran University of Science and Technology, Tehran 16857, Islamic Republic of Iran. Email: [mnavid@iust.ac.ir](mailto:mnavid@iust.ac.ir)

Abstract

The following article has been included in a multiple retraction:

Karimi, A., Navidbakhsh, M., Yousefi, H. et al. An experimental study on the elastic modulus of gelatin hydrogels using different stress-strain definitions. *J. Thermoplast Compos Mater.* first published on 29 April 2014. DOI: 10.1177/0892705714533377

In 2015 SAGE became aware of author misconduct concerning the suspected fabrication of identities, as well as the impersonation of legitimate individuals, to manipulate the peer review process across three separate journal publications. SAGE, therefore, retracted the following articles for reasons of author misconduct.

Perfusion

RETRACTED: A comparative study on plaque vulnerability using constitutive equations

A. Karimi<sup>1,2</sup>, M. Navidbakhsh<sup>2</sup>, S. Faghghi<sup>3</sup>

<sup>1</sup>Tissue Engineering and Biomaterials Division, National Institute of Genetic Engineering and Biotechnology, Tehran, Iran  
<sup>2</sup>Mechanical Engineering Department, Iran University of Science and Technology, Tehran, Iran  
<sup>3</sup>S. Faghghi Tissue Engineering and Biomaterials Division (Director) National Institute of Genetic Engineering and Biotechnology Tehran 14965/161 Iran. Email: [slaghghi@nigeb.ac.ir](mailto:slaghghi@nigeb.ac.ir); [shahabeddin.faghghi@mail.nigeb.ac.ir](mailto:shahabeddin.faghghi@mail.nigeb.ac.ir)

Abstract

The following article has been included in a multiple retraction:

Karimi, A., Navidbakhsh, M. and Faghghi, S. A comparative study on plaque vulnerability using constitutive equations. *Perfusion*, 2014, 29: 176-183. DOI: 10.1177/0892705713502835

In 2015 SAGE became aware of author misconduct concerning the suspected fabrication of identities, as well as the impersonation of legitimate individuals, to manipulate the peer review process across three separate journal publications. SAGE and the journal Editors immediately launched an investigation and have decided to retract the following articles for reasons of author misconduct.

17 retractions from SAGE journals bring total fake peer review count to 250 without comments

On Monday, we reported on 64 new retractions from Springer Journals<sup>1</sup> resulting from fake peer reviews. Yesterday, SAGE — which retracted 60 papers for the same reason just over a year ago — added 17 additional retractions to their list.

The articles were published in five different journals, and one retraction involved authorship fraud in addition to peer review fraud, according to a SAGE spokesperson.

In all 17 cases, our investigation found the peer review processes had been severely compromised by fake reviewer details that were supplied to manipulate the peer review process.

The investigations and subsequent retractions are a reflection of improved processes and guidance provided by SAGE to editors and peer review assistants that SAGE further enhanced following a group of retractions in 2014. Today's retractions are historical in nature and reflect SAGE's efforts to uncover instances of fraud that predate the new process.

- Here are the five journals, with retraction totals:
- *Perfusion* — 9
  - *Journal of Thermoplastic Composite Materials* — 3
  - *Journal of Vibration and Control* — 2
  - *International Journal of Damage Mechanics* — 2
  - *Proceedings of the IMechE, Part E: Journal of Process Mechanical Engineering* — 1
- The retraction notices are in the process of going live. Twelve of the papers were submitted by one author, Alireza Karimi, of Tehran's Iran University of Science and Technology, according to notices appearing in the *Journal of Thermoplastic Composite Materials*. Two of Karimi's retracted *Perfusion* papers — "A comparative study on plaque vulnerability using constitutive equations" and "Fabrication and mechanical characterization of a polyvinyl alcohol sponge for tissue engineering applications" — were cited 26 and 18 times, respectively, earning a "highly cited" designation from Thomson Scientific's Web of Knowledge.
- We've contacted Karimi, who declined to provide comment other than asking us not to post about the case because it has "already affected my academic records in my University body."

Last year, SAGE retracted 60 papers from the *Journal of Vibration and Control*. The number of papers retracted by all publishers for fake peer reviews since 2012 is now approximately 250, with another 32 flagged for peer review fraud by Hindustan but not yet retracted.

The publisher explained that the new retractions resulted from three separate investigations:

- "In December 2014, one of the JVC's newly appointed associate editors discovered a paper in peer review which appeared to have a fake recommended reviewer email address. The email address for the suggested reviewer

Perfusion

RETRACTED: A comparative study on plaque vulnerability using constitutive equations

A. Karimi<sup>1,2</sup>, M. Navidbakhsh<sup>2</sup>, S. Faghghi<sup>3</sup>

<sup>1</sup>Tissue Engineering and Biomaterials Division, National Institute of Genetic Engineering and Biotechnology, Tehran, Iran  
<sup>2</sup>Mechanical Engineering Department, Iran University of Science and Technology, Tehran, Iran  
<sup>3</sup>S. Faghghi Tissue Engineering and Biomaterials Division (Director) National Institute of Genetic Engineering and Biotechnology Tehran 14965/161 Iran. Email: [slaghghi@nigeb.ac.ir](mailto:slaghghi@nigeb.ac.ir); [shahabeddin.faghghi@mail.nigeb.ac.ir](mailto:shahabeddin.faghghi@mail.nigeb.ac.ir)

Abstract

The following article has been included in a multiple retraction:

Karimi, A., Navidbakhsh, M. and Faghghi, S. A comparative study on plaque vulnerability using constitutive equations. *Perfusion*, 2014, 29: 176-183. DOI: 10.1177/0892705713502835

In 2015 SAGE became aware of author misconduct concerning the suspected fabrication of identities, as well as the impersonation of legitimate individuals, to manipulate the peer review process across three separate journal publications. SAGE and the journal Editors immediately launched an investigation and have decided to retract the following articles for reasons of author misconduct.

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RETRACTED: A comparative study on plaque vulnerability using constitutive equations

A. Karimi<sup>1,2</sup>, M. Navidbakhsh<sup>2</sup>, S. Faghghi<sup>3</sup>

<sup>1</sup>Tissue Engineering and Biomaterials Division, National Institute of Genetic Engineering and Biotechnology, Tehran, Iran  
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In 2015 SAGE became aware of author misconduct concerning the suspected fabrication of identities, as well as the impersonation of legitimate individuals, to manipulate the peer review process across three separate journal publications. SAGE and the journal Editors immediately launched an investigation and have decided to retract the following articles for reasons of author misconduct.

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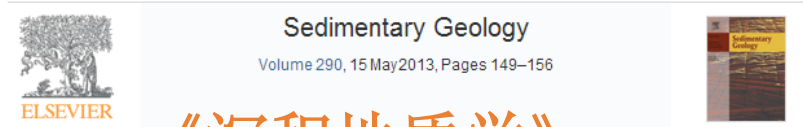
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# Elsevier 《沉积地质学》 (Sedimentary Geology)、 《地貌学》 (Geomorphology) 撤销兰州大学2篇论文



## 《沉积地质学》

**RETRACTED: The influence of sand diameter and wind velocity on sand particle lift-off and incident angles in the windblown sand flux**

Tian-Li Bo, Xiao-Jing Zheng, Shao-Zhen Duan, Yi-Rui Liang

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doi:10.1016/j.sedgeo.2013.03.013

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Retraction notice to **The influence of sand diameter and wind velocity on sand particle lift-off and incident angles in the windblown sand flux** *Sedimentary Geology* Volume 290, 15 May 2013, Pages 149-156

*Sedimentary Geology*, Volume 319, 15 April 2015, Page 147

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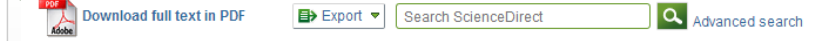
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This article also contains significant similarity with parts of texts, written by the same author(s), that have appeared in

- Tian-Li Bo, Xiao-Jing Zheng, Shao-Zhen Duan, Yi-Rui Liang, The influence of wind velocity and sand grain diameter on the falling velocities of sand particles, *Powder Technology*, Volume 241, June 2013, Pages 158-165.
- Tian-Li Bo, Xiao-Jing Zheng, Shao-Zhen Duan, Yi-Rui Liang, Analysis of sand particles' lift-off and incident velocities in wind-blown sand flux, *Acta Mechanica Sinica*, April 2013, Volume 29, Issue 2, pp 158-165.
- Tian-Li Bo, Xiao-Jing Zheng, Shao-Zhen Duan, Yi-Rui Liang, Influence of sand grain diameter and wind velocity on lift-off velocities of sand particles, *The European Physical Journal E*, May 2013, 36:50.
- Tian-Li Bo, Shao-Zhen Duan, Xiao-Jing Zheng, Yi-Rui Liang, The influence of sand bed temperature on lift-off and falling parameters in windblown sand flux, *Geomorphology*, Volume 204, 1 January 2014, Pages 477-484.

The scientific community takes a very strong view on this matter and apologies are offered to readers of the journal that this was not detected during the submission process.



## 《地貌学》

**RETRACTED: The influence of sand bed temperature on lift-off and falling parameters in windblown sand flux**

Tian-Li Bo, Shao-Zhen Duan, Xiao-Jing Zheng, Yi-Rui Liang

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Retraction notice to **"The influence of sand bed temperature on lift-off and falling parameters in windblown sand flux"** [*GEOMOR* 204 (2014) 477-484]

*Geomorphology*, Volume 204, 1 January 2014, Page 484

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撤销声明说，该论文和其他四篇论文内容存在高度相似，这些论文出自同一组作者。期刊指出，将一篇有意义的论文切分成几篇不同的论文，严重破坏了科学出版体系，科学界对此非常看重。

This article has been retracted: please see Elsevier Policy on Article Withdrawal (<http://www.elsevier.com/locate/withdrawalpolicy>).

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- Tian-Li Bo, Xiao-Jing Zheng, Shao-Zhen Duan, Yi-Rui Liang, Influence of sand grain diameter and wind velocity on lift-off velocities of sand particles, *The European Physical Journal E*, May 2013, 36:50.

The "slicing" of research that would form one meaningful paper into several different papers represents an abuse of the scientific publishing system.

The scientific community takes a very strong view on this matter and apologies are offered to readers of the journal that this was not detected during the submission process.

# 数据陈述失实与重复被撤销

- 2012年国际学术期刊《解剖记录》(*The Anatomical Record*)发表撤销声明, 通讯作者为浙江大学教授的一篇学术论文。
- 《解剖记录》在撤销声明中称, 发表于2010年1月的论文违背了期刊准则, 包括数据的不实陈述和与之前发表的数据重复。特别是, 作者重复使用发表在《生物与医药通报》(*Biological and Pharmaceutical Bulletin*) 上一篇文章中的文字、图片和表格, 只是改动了图片和表格的标签以及关于实验温度的说明。此外, 这篇论文漏掉了一个共同作者, 也没有致谢部分资助机构。

The screenshot displays the Wiley Online Library interface. At the top, it says "Wiley Online Library" and "Log in / Register". Below this is a banner for "Writing Scientific Research Articles" edited by Margaret Cargill and Patrick O'Connor. The main content area shows the breadcrumb trail: "Home > Anatomy & Physiology > Anatomy & Physiology > The Anatomical Record > Vol 295 Issue 5 > Abstract". The article title is "Retraction" with the DOI "10.1002/ar.22447". The article was first published online on 22 MAR 2012. The journal information is "The Anatomical Record, Volume 295, Issue 5, page 715, May 2012". The article title is "S-Allyl-L-Cysteine Sulfoxide Inhibits Tumor Necrosis Factor-Alpha Induced Monocyte Adhesion and Intercellular Cell Adhesion Molecule-1 Expression in Human Umbilical Vein Endothelial Cells". The article was first published online on 20 JAN 2010. The retraction notice states: "The following article from The Anatomical Record, 'S-Allyl-L-Cysteine Sulfoxide Inhibits Tumor Necrosis Factor-Alpha Induced Monocyte Adhesion and Intercellular Cell Adhesion Molecule-1 Expression in Human Umbilical Vein Endothelial Cells' by CHAI Hui, WO Like, FU Yan, XIE Tian, WANG Qiuyan, and HUANG Lifeng, published online on 20 January 2010 in Wiley Online Library (www.onlinelibrary.wiley.com) and in print in The Anatomical Record (Anat Rec (Hoboken)) 2010 Mar;293(3):421-430. PMID: 20091890. DOI 10.1002/ar.21070, is retracted by agreement between the Journal's Editor-in-Chief, Kurt H. Albertine, and Wiley Periodicals, Inc. The retraction is agreed due to submitting against the rules of this journal, including misrepresentation of data and overlap with previously published data. Specifically, the authors reused text, figures, and graphs but changed identification of experimental conditions and labels on the figures and graphs from 'Ginsenoside Rb1 Inhibits Tumor Necrosis Factor- $\alpha$ -Induced Vascular Cell Adhesion Molecule-1 Expression in Human Endothelial Cells by Chai Hui, Wang Qiuyan, Huang Lifeng, Xie Tian, and Fu Yan in Biol Pharm Bull 2008 31(11):2050-2056. The latter article was withdrawn (Biol Pharm Bull 32:1310, 2009) by the editorial committee of Biol Pharm Bull because the authors had submitted against the rules of that journal's policy. In addition, the authors of the paper published in The Anatomical Record omitted a coauthor, whose grant funding contributed to the research, and failed to acknowledge institutional and U.S. Federal grant support."

## 《解剖记录》撤销声明

# 违背期刊的“作者同意”原则被撤销

- 作者重复使用发表在《生物与医药通报》(*Biological and Pharmaceutical Bulletin*)的论文也早在2009年被撤销。作者在撤销声明中表示，论文的部分工作在美国贝勒医学院完成。文章投稿时没有经过贝勒医学院Johnny Chen博士的同意，作者希望该论文被完全撤销。该期刊编委会称，该论文违背了期刊的“作者同意”原则，决定将其完全删除。

THE PHARMACEUTICAL SOCIETY OF JAPAN  
**Biological and Pharmaceutical Bulletin**  
ONLINE ISSN: 1347-5215 PRINT ISSN: 0918-6158 (As of March 06, 2014) Registered articles: 7,971

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Errata

Errata

**Erratum: Ginsenoside Rb1 Inhibits Tumor Necrosis Factor- $\alpha$ -Induced Vascular Cell Adhesion Molecule-1 Expression in Human Endothelial Cells**  
[Biol. Pharm. Bull. 31(11): 2050-2056 (2008)]

Hui Chai<sup>1</sup>, Qiuyan Wang<sup>3</sup>, Lifeng Huang<sup>3</sup>, Tian Xie<sup>3</sup>, Yan Fu<sup>1,2</sup>

1) College of Life Sciences, Zhejiang University 2) College of Animal Sciences, Zhejiang University 3) Center for Biomedicine and Health, Zhejiang University

Errata for Biological & Pharmaceutical Bulletin

Withdrawal:  
Vol./Page: Biol. Pharm. Bull. 31, 2050—2056 (2008)  
Title: Ginsenoside Rb1 Inhibits Tumor Necrosis Factor- $\alpha$ -Induced Vascular Cell Adhesion Molecule-1 Expression in Human Endothelial Cells  
Authors: Hui CHAI, Qiuyan WANG, Lifeng HUANG, Tian XIE, and Yan FU

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1. Ginsenoside Rb1 Inhibits Tumor Necrosis Factor- $\alpha$ -Induced Vascular Cell Adhesion Molecule-1 Expression in Human Endothelial Cells (vol 31, pg 2050, 2008)  
作者: Chai, Hui, Wang, Qiuyan, Huang, Lifeng, 等  
BIOLOGICAL & PHARMACEUTICAL BULLETIN 卷: 32 期: 7 页: 1310-1310 出版年: JUL 2009  
全文

2. Ginsenoside Rb1 Inhibits Tumor Necrosis Factor- $\alpha$ -Induced Vascular Cell Adhesion Molecule-1 Expression in Human Endothelial Cells  
作者: Chai, Hui, Wang, Qiuyan, Huang, Lifeng, 等  
BIOLOGICAL & PHARMACEUTICAL BULLETIN 卷: 31 期: 11 页: 2050-2056 出版年: NOV 2008  
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## 《生物与医药通报》撤销声明

Yan Fu  
College of Animal Sciences, Zhejiang University, China  
April 20, 2009

Editorial Decision:  
The editorial committee strictly protests to the authors that the above paper had been submitted against the rules (“Authorship Agreement”) of this journal policy.  
Thus, this article has been totally deleted from this journal.  
The editorial committee of Biological & Pharmaceutical Bulletin (April 20, 2009)

# 提纲： 聚焦研究前沿 深化自主创新

- 1、学术诚信与学术规范相关概念
  - （学术道德、学术诚信、学术规范、学术不端）
- 2、国内外如何加强学术诚信与学术规范建设
  - （欧洲科研诚信行为准则、科研诚信新加坡宣言、科研诚信蒙特利尔宣言）
- 3、学术规范基本要求
- 4、学术道德论文撤稿案例分析
  - （发表论文的道德准则、以论文撤稿、剽窃等案例帮助老师如何防范国际论文撤稿）



# 1、学术诚信与学术规范相关概念

# 引言

- 学术诚信是人类一般道德规范在学术活动中的具体体现，它与学术事业的内在特征有关，并随着学术本身的发展和学术与社会关系的变迁而不断充实和丰富。
- 学术诚信规制缘于社会上大量的、普遍的学术越轨的客观存在。
- 加强学术道德建设，营造良好的科研氛围和制度环境，建立科学严谨、客观公正的学术管理体制、评价体制和工作机制，明确学术规范，严肃学术纪律，强化学术监督，严惩学术不端，保护知识产权，弘扬科学精神，鼓励科研创新，崇尚诚实劳动，增强科研工作者的责任感和使命感，是我国必须解决的重大课题。

# 学术道德

- 学术道德是人们在从事学术研究活动时所遵循的道德规范和行为准则，是指导研究者在学术研究活动中正确处理人与自然、人与人、个人与社会、个人与国家之间关系的行为规范，是衡量研究者道德品质的重要标准。

# 教育部关于学术道德的界定

- 2012年教育部在《关于加强学术道德建设的若干意见》，首次从五个方面对学术道德规范作出了明确的界定。
- 第一，增强献身科技、服务社会的历史使命感和社会责任感，要“正确对待学术研究中的名和利，反对沽名钓誉、急功近利、自私自利、损人利己等不良风气”。
- 第二，坚持实事求是的科学精神和严谨的治学态度，要自觉维护学术尊严和学者的声誉，“在学术研究中要坚持严肃认真、严谨细致、一丝不苟的科学态度，不得虚报教育教学和科研成果，反对投机取巧、粗制滥造、盲目追求数量不顾质量的浮躁作风和行为”。
- 第三，树立法制观念，保护知识产权，尊重他人劳动和权益，“不得剽窃、抄袭他人成果，不得在未参与工作的研究成果中署名，反对以任何不正当手段谋取利益的行为”。
- 第四，在参与各种推荐、评审、鉴定、答辩和评奖等学术评价活动中，要坚持客观公正的评价标准，正确运用学术权力，公正地发表评审意见。维护学术评价的客观公正。
- 第五，以德修身，率先垂范，作为大学教师，要用自己高尚的品德和人格力量教育和感染学生，引导学生树立良好的学术道德。

# 学术道德

- 1、求真守真
- 2、务实创新
- 3、责任担当
- 4、协同合作

# 学术诚信

- 诚信是指人的诚实无妄、恪守诺言、言行一致的美德，其基本含义是诚实、守诺、践约、无欺。
- 诚信即诚实守信，是自己对他人和对社会的承诺，是一种行为规范；信誉指声望和名誉，是他人对自己的评价，是一种形象标识；信用反映的是权利和义务的关系。
- 学术诚信是学术研究、创新、交流、发展的首要和基本的要求。学术诚信是通过学术研究的过程和成果呈现得以体现的。进行学术研究的人不能想当然地认为自己能够自然而然地做到学术诚信，因为有些道德规范、行为准则并非显而易见。作为科学研究者有必要时常告诫自己持守最基本的学术道德，必须主动自觉地了解、理解和遵守相应的学术规范，并指导自己的学术研究实践。

# 学术规范

- 学术规范是根据学术发展规律制定的有关学术活动的基本准则，反映了学术活动长期积累的经验。学术共同体成员应自觉遵守。
- 学术规范是指在一定历史时期，以学术道德为基础，以学术活动为对象，以学术共同体为主体，激发学术创新和维护学术自由为目的的规制安排和长效激励机制。
- 学术规范包括选题与资料规范、引用与注释规范、成果呈现规范、学术批评规范、学术评价规范以及相关的法律法规。

# 学术不端

- 学术不端行为也称不正当的研究行为，指学术共同体成员违反学术准则、损害学术公正的行为。例如：抄袭、剽窃、侵吞、篡改他人学术成果，伪造或者篡改数据、文献，未经他人许可，不当使用他人署名等。
- 目前国际上对研究中的不端行为基本界定为在建议或申请、实施研究和交流、报告和呈现成果的整个研究过程中，以及在评议、评价和报道研究及其成果的过程中，所出现的伪造、篡改或剽窃及其他严重背离广泛认同的研究行为的情况。



# 美国关于学术不端的定义

- 对学术不端，各个国家有不同的定义和标准。美国是世界上最早开展学术诚信问题研究的国家之一。
- 1986年美国国家卫生研究院（NIH）在《国家卫生研究院项目资助和合同指南》中颁布了学术不端行为的**临时定义**。定义包含两个层面：**一是在科研活动或报告科研成果的过程中的伪造、篡改和剽窃行为；二是在研究中违反联邦政府特殊规定的行为，如人类主体的保护和实验动物福利等方面。**
- 同一时期，美国国家科学基金会（NSF）在其法规(45 CFR Part 689)中也发布了“科学与工程研究中的不端行为”的定义，该定义与美国公共卫生部(PHS)的定义**基本相同**，但增加了“**违反相关研究法规的行为**”。

# 美国关于学术不端的定义

- 1988年美国公共卫生部对学术不端行为的定义进行了修订，将学术不端行为定义为“在建议、实施或报告研究时发生的捏造、篡改、剽窃、欺骗行为及严重背离科学共同体公认规则的其他行为，或者违反与研究行为相关的其他规定的行为”。
- 1989年美国公共卫生部在其颁布的法规(42 CFR Part 50)中，正式将学术不端行为定义为“在建议、实施和报告研究结果中的伪造、篡改、剽窃行为以及严重背离科学共同体公认准则的其他行为”。该定义还进一步指出学术不端行为不包括诚实错误，以及在判断和解释数据过程中的诚实性差异。

# 美国关于学术不端的定义

- 2000年底，**美国白宫科技政策办公室给出的定义是**：在申请、从事或评估研究中，或在研究成果报告中所发生的**伪造（Fabrication）、篡改（Falsification）或剽窃（Plagiarism）**行为，简称为FFP。
- 其中，**伪造是指捏造拼凑数据或结果，并记录或报告它们；篡改是指改动科研材料、设备或过程，或改变和省略数据或结果，使科研记录不能准确地表现研究；剽窃是指在未给予适当的名誉的情况下，占有别人的思想、方法、结果或描述。**在法律上对不端行为的指控的界限是“得到充分证明、严重偏离公认的研究惯例的行为”。

ORI Introduction to the Responsible Conduct of Research --  
Revised

Office of Research Integrity 2004 178pp.



# 中国关于学术不端的界定

- 我国对学术不端行为界定的探讨始于20世纪80~90年代，2000年后，许多规范文本对学术不端行为作了界定。例如：
- 2004年教育部社会科学委员会在其发布的《高等学校哲学社会科学研究学术规范(试行)》中规定“**伪注、伪造、篡改文献和数据等，均属学术不端行为**”。
- 2005年国家自然科学基金委员会在《对科学基金资助工作中不端行为的处理办法(试行)》中将学术不端行为定义为“**违背科学道德或违反科学基金管理规章的行为**”。
- 2006年科技部颁布了《国家科技计划实施中科研不端行为处理办法(试行)》，政策采用了概括和列举相结合的方式，将**学术不端行为定义为“违反科学共同体公认的科研行为准则的行”**。将**学术不端行为定义为包括提供职称、简历以及研究基础等虚假信息，抄袭、剽窃他人科研成果，捏造或篡改科研数据等六大类**。

# 中国关于学术不端的界定

- 2007年中国科学院在《关于加强科研行为规范建设的意见》中规定学术不端行为是“**研究和学术领域内的各种编造、造假、剽窃和其他违背科学共同体公认道德的行为**”，定义还详细列举了科研不端行为的六大类型，并强调对科研中非有意的错误和不足，对评价方法或结果的解释、判断错误等不属于科研不端。
- 2009年教育部在《关于严肃处理高等学校学术不端行为的通知》中采用列举的方式将学术不端行为细化为针对所有研究领域的七大类行为，包括**伪造、篡改、剽窃、侵占他人学术成果、不当署名等**。

# 中国关于学术不端的界定

- 2016年4月5日教育部起草了《高等学校预防与处理学术不端行为办法》，并在社会公开征求意见。自2016年9月1日起施行
- 征求意见稿指出，学术不端行为包括剽窃、抄袭他人学术成果；篡改他人研究成果；伪造科研数据、资料、文献、注释，或者捏造事实、编造虚假研究成果；未参加研究或创作而在研究成果、学术论文上署名，未经他人许可而不当使用他人署名，或者多人共同完成研究而在成果中未注明他人工作；在申报课题、成果、奖励和职务评审评定等过程中提供虚假学术信息；有偿发表论文、买卖论文、由他人代写或为他人代写论文的；其他严重违反公认的学术准则、违背学术诚信的行为，根据相关学术组织或者高等学校制定的规则，属于学术不端行为的。
- 从已出台的规范政策看来，我国对科研不端行为的界定逐渐呈现出具体化和明细化的特点。

## 2、国内外如何加强学术诚信与学术规范建设

# 美国学术诚信的机构和措施

## The Office of Research Integrity

- 80年代，因科研不端行为的相继曝光，美国联邦政府在“廉洁与效益总统委员会”下设了“科研不端行为工作组”，出台了《关于不良研究行为的联邦政策》。
- 1989年美国国家科学基金会（NSF）设立总监察长办公室，下设调查办公室（OI），以调查与NSF项目有关的科学研究中的不正当行为。
- 1989年美国卫生与公众服务部设立“科学诚信办公室”和“科学诚信审查办公室”，并于1992年5月正式合并改组为“研究诚信办公室”（The Office of Research Integrity，简称ORI），它是最重要的防治学术不端行为的官方机构。该机构专门调查和处置那些由美国政府资助的研究项目中的不诚信行为。
- 美国科学院、工程科学院、医学科学院、美国科学促进会 and 大学等也大多设有内部管理机构负责科研诚信建设和防治学术不端行为。



<http://ori.hhs.gov/>

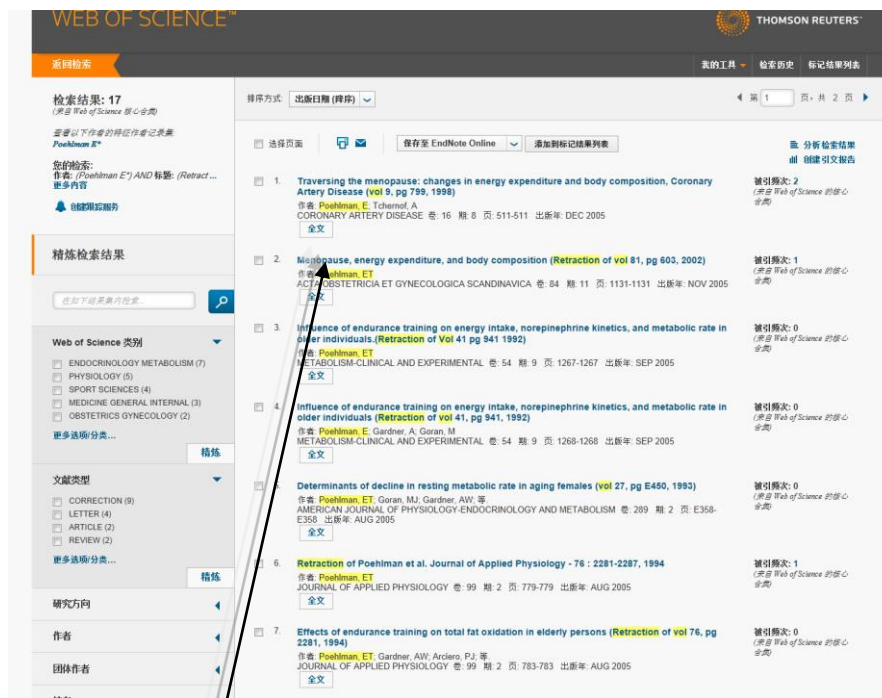


# 美国学术诚信的机构和措施

- 美国对学术不端的查处是最为有力的，有多种惩处措施。例如，一旦对研究不端行为的指控被查证，学术不端者在一定年限内（从18个月到10年），不能获得美国政府资助的研究项目，也不能在美国卫生与公众服务部设立的任何咨询委员会、评审委员会任职，也不得担任这些机构的顾问。
- 学术不端者的身份信息将在“**研究诚信办公室**”网站上公示，以供查询，直到处罚时间到期，学术不端者的名字才会在网站上消失。
- 对于学术不端行为者还会有被开除公职甚至判刑的处罚，而后者是迄今最为严厉的惩罚。

# 美国学术诚信的机构和措施

- 被判刑的波赫尔曼
- 学术不端得到最严厉惩处的是美国的艾里克·波赫尔曼 (Eric Poehlman)。2006年6月28日，他被美国佛蒙特州伯灵顿地方法庭判处在美国联邦监狱服刑1年零1天。
- 波赫尔曼曾是伯灵顿市佛蒙特大学医学院的研究人员，此前曾在巴尔的摩市马里兰大学工作。对波赫尔曼的行为提出质疑和举报的，是佛蒙特大学波赫尔曼实验室一位24岁的研究助理。
- 波赫尔曼被举报后，佛蒙特大学启动了调查，发现其在3篇论文中造假。此后，美国国立卫生研究院组成的调查组，又进行了长达两年的调查，发现了其他问题。
- 最后，波赫尔曼在2005年的一个认罪协议中承认，自1992年起的10年中，在15个联邦科研经费申请以及10篇论文中造假。他的研究主要涉及肥胖症、代谢以及更年期。



10个期刊撤销了波赫尔曼发表的论文



# 美国学术诚信的机构和措施

- 美国助理教授因学术不端被判入狱57个月
- 2015年7月1日，美国爱荷华州立大学前生物医学科学家Dong-Pyou Han助理教授，因在HIV疫苗试验中**伪造数据**被判入狱57个月并罚款720万美元。
- 2013年，爱荷华州立大学认定Dong-Pyou Han在NIH资助的HIV疫苗研究项目中伪造数据，随后Dong-Pyou Han被迫辞职。
- 为伪造自己研究的抗艾滋病病毒疫苗具有活性，Dong-Pyou Han被揭露故意将人血加入兔血伪造实验数据以获得NIH经费支持。他的小组从NIH获得大约1900万美元研究经费。2014年6月，因为采用伪造研究结果骗取研究经费，Dong-Pyou Han以**4项联邦项重罪被起诉**，2015年2月，Dong-Pyou Han对两项重罪指控认罪。

The screenshot shows a news article on the Nature website. The main headline is "US vaccine researcher sentenced to prison for fraud". Below the headline, it says "The case of Dong-Pyou Han illustrates the uneven nature of penalties for scientific misconduct." The author is Sara Reardon, and the article is dated 01 July 2015. There is a photo of Dong-Pyou Han and two other men. The article text mentions that Han was sentenced to 57 months for fabricating and falsifying data in HIV vaccine trials. On the right side of the page, there are several sidebar widgets: "App happy" with a smartphone icon, "Mental health: There's an app for that", "Sign up for FREE today", and a "Newsletter" sign-up form.

## 《自然》网站相关报道

This section contains several smaller articles and snippets from the Nature website. One article is titled "Rare is the scientist who goes to prison on research misconduct charges..." and discusses the case of Dong-Pyou Han. Another snippet mentions "Spiked data" and "Scientists under scrutiny". There are also sections for "Power limits" and "Do you think Dong-Pyou Han's sentence was:" with radio button options like "Too severe", "Appropriate", and "Too lenient". The bottom part of the page shows a "More related stories" section with links to "Publish or perish", "Research integrity: Cdc-induced stress", and "Wanted: Fraud 'buster' with political willpower".

# 美国学术诚信的机构和措施

- 许多美国经费资助机构，包括美国国家科学基金会在内，均有一名监督主任去调查潜在的学术不端行为及诈骗。他们有权利把科研基金收回并把这些案件移交刑事诉讼。
- 但美国的卫生及人类服务部门，包括NIH和美国科研诚信办公室在内，却没有这些权利。
- 美国科研诚信办公室并不能直接调查疑似科研基金欺诈或学术不端的案件，只能在有限的范围内监管机构所雇佣人员涉及的违法行为。对证据明确的欺诈或学术不端，学术不端办公室才可以采取禁止申请经费或移交司法机构，或提交上级监察长。
- NIH和美国科研诚信办公室告诉《自然》杂志，他们甚至不能追踪调查NIH所资助人员的刑事起诉案件。

# 美国白宫科技政策办公室面临诉讼

## 被指未能及时向政府提交确保科研诚信的建议

- 2010年《自然》网站报道，由于未能及时向政府提交确保科研诚信的建议，美国白宫科技政策办公室（OSTP）面临法庭诉讼。
- 2009年3月，巴拉克·奥巴马签发一份备忘录，表示将确保正常的科学研究在政府政策制定中的中心地位，并要求OSTP在90天内发布指南。
- 然而，18个月过去了，OSTP仍未发布指南。“担起环境责任的公共雇员”（PEER）团体表示，他们要求OSTP依法披露相关文件，但没有得到回应，便向华盛顿特区地方法院对OSTP提起诉讼。
- PEER的一位人士说，他们怀疑某些政府机构试图延迟政策的出台，而这可能导致某些诚信原则被削弱。这些政府机构可能包括管理与预算办公室。
- PEER要求披露的文件包括由OSTP发起的一个机构间团体提交的建议草案，和其他机构对此草案的意见报告。PEER的这位人士认为，披露这些文件将有助于防止削弱诚信原则。



The screenshot shows a news blog post from 'newsblog' with the tagline 'Nature brings you breaking news from the world of science'. The article is titled 'White House science office faces lawsuit' and is dated '21 Oct 2010 | 16:30 BST'. The author is 'Eugenie Samuel Reich' and the category is 'Policy'. The article text states: 'The White House's Office of Science and Technology Policy (OSTP) is in court over its failure so far to put forward recommendations to ensure scientific integrity in government. It's a discouraging development in a process that began with the rosy hopes raised by Barack Obama's March 2009 memo promising to put sound science at the center of government policy-making. The memo required OSTP to deliver agency guidelines within 90 days. But 18 months later scientists are still waiting. Public Employees for Environmental Responsibility (PEER), a Washington DC-based advocacy group, wants to know why, and sued OSTP on Tuesday in the US District Court for DC when the agency failed to respond to an August 2010 Freedom of Information Act request that it had filed for documents relating to the delay. PEER's Jeff Ruch tells Nature that the group sued because it suspects that some government agencies, possibly including the Office of Management and Budget, were pushing back against the proposed policy in way that might result in some principles of integrity getting diluted. Among the documents PEER wants are draft recommendations from an interagency group convened by OSTP and position statements from other...'. There is also a photo of two men sitting on a couch.

# 《自然》评论：科研诚信应与资助相挂钩

- 美国研究诚信办公室主任Sandra Titus和巴塞罗那大学内科医学专家Xavier Bosch在《自然》发表评论说，人们需要在科研文化层面做出改进，来促进负责任的科学行为，预防学术不端。但是必须要与科研资助相挂钩，否则这些不可能发生。



尽管人们对学术不端行为和其他科研诚信问题很关注，但促进负责任行为的努力依然见效甚微。学术不端行为仍在继续。而且，持续加剧的基金竞争和发表文章的压力可能会进一步侵蚀道德行为。因此，科研需要一个彻底的改变，即**科研道德行为准则必须和科研资助相挂钩**。美国科研诚信办公推荐一个新的监督过程：利用“负责任机构行为”（RIB）来评定研究机构的计划和表现，**奖励或惩罚整个研究机构而不是研究者个人**，优秀研究中心的研究者才可以竞争额外的NIH和NSF的基金，以此来推进良好的学术氛围形成。

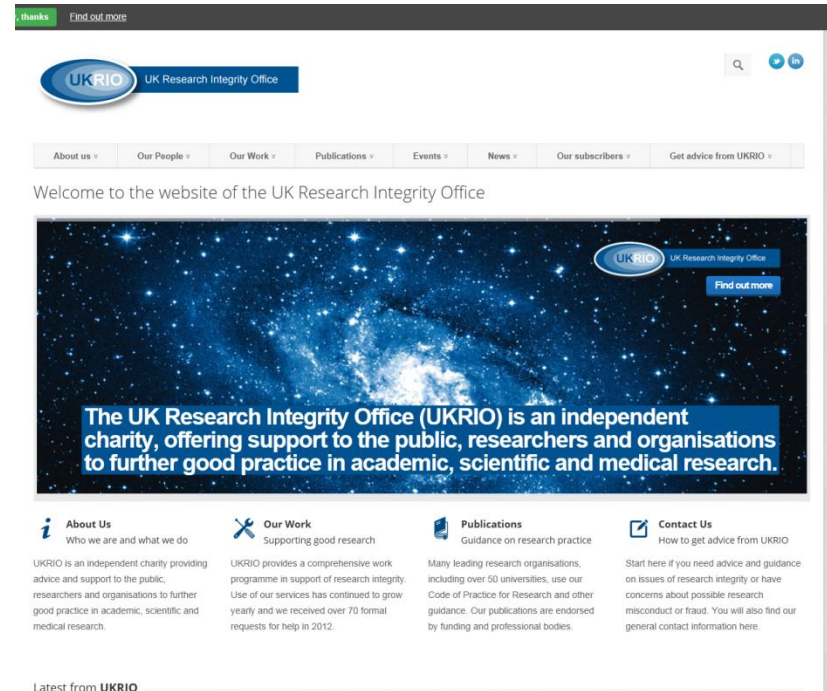
# ORI开展“负责任机构行为”教育

- 美国研究诚信办公室开展了一系列的“负责任研究行为”（Responsible Conduct of Research）教育工作。
- 2002年开展的“资源发展项目”（Resource Development Program）。此外，ORI还与学会和大学合作开展科研诚信教育项目，如于2002年开始与美国医学院联合会合作开展“专业学会负责任研究行为项目”（RCR Program for Academic Societies），支持学术团体开展提高其成员负责任研究行为的活动；于2004年开始与研究生院委员会（Council of Graduate Schools, CGS）合作开展“研究生院负责任研究行为项目”，将负责任研究行为教育纳入研究生教育体系中。为促使科研机构有效执行PHS有关科研不端行为的政策措施，ORI还开展了“研究诚信官员培训项目”（Research Integrity Officer Training Program），参与培训者是机构中处理不端行为的负责人，培训的主要内容包括如何受理举报案件、获取数据、保护举报者

# 英国学术诚信的机构和措施

- 英国学术监督主要依靠学者自律，对不端行为的处理有一套比较完备的规则。
- 英国最高的学术组织团体英国研究理事会及其下属的8个分会都有各自的关于防治不端行为的规定。
- 2004年英国科技办公室公布了《**科学家通用伦理准则**》。
- 2006年4月，英国成立了一个由多家机构共同支持、旨在**促进学术诚信的督导组“英国科研诚信小组”**（UK Research Integrity Office），致力于消除大学中存在的学术不端行为。

## UK Research Integrity Office

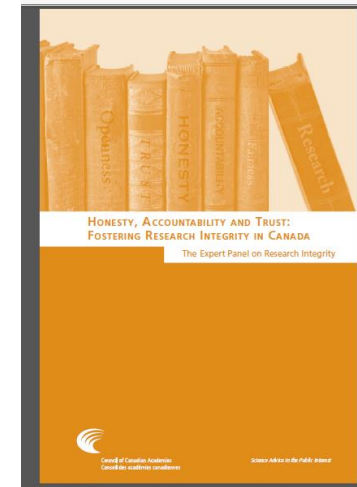


<http://www.ukrio.org/>



# 加拿大公布科研诚信报告

- 2010年《自然》网站消息，面对全球范围内与日俱增的各种学术不端事件，加拿大政府最近出台一份报告，对加拿大国内科研体制进行反思，思考如何促进科研诚信及预防学术不端。
- 2009年，加拿大科学院委员会（Council of Canadian Academies）成立了一个由高级行政官员、研究人员和科学媒体组成的14人专家组负责预防和处理学术不端事件。
- 在对其他国家的科研体制进行考察评估后，该专家组得出这份报告，提议组建“加拿大科研诚信委员会（CCRI）”，着力于培养研究人员良好的科学行为准则并为他们提供非公开咨询建议。但CCRI将不会参与学术不端的处罚及相关措施的执行



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## Canada urged to tackle research misconduct

More education, advice and transparency needed to improve integrity.

Hannah Hoag

As cases of questionable conduct among scientists stack up around the globe, a report commissioned by the Canadian government calls for a rethink of the country's research system to boost honesty and curb misconduct.

The recommendations, if implemented, would relax privacy laws that hamper the identification of individuals and institutions found guilty of research misconduct, and create an independent council to promote best practices and prevent research misconduct.

The Council of Canadian Academies (CCA) — a not-for-profit corporation based in Ottawa that independently assesses science relevant to public issues — released the report<sup>1</sup> today. "We look reasonably good compared to other countries in the world, but it is the committee's conclusion that we have to do better," says Paul Davenport, chairman of the panel responsible for the report and

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- Lab life
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Stories by keywords

- Research misconduct
- Research integrity
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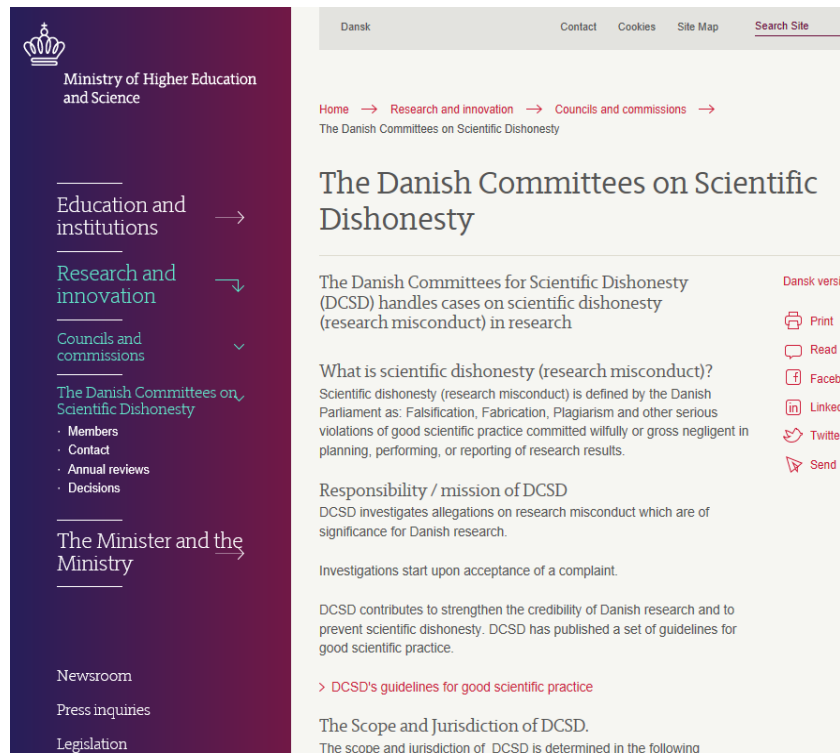
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A panel chaired by Paul Davenport has called for a new organisation to help prevent research misconduct in Canada. University of Western Ontario

# 丹麦学术诚信的机构和措施

- **丹麦调查处理科研不端行为的最高国家机构是丹麦学术不端委员会。**它是由丹麦医学研究理事会在1992年建立的，最初只是调查生物医学领域的科研不端行为，1999年划归丹麦研究部（后与其他几个部门合并为丹麦科学技术和创新部）管理，调查范围也扩展到了全部学科领域。丹麦政府相信将对全部学科科研不端行为的调查和监管集中到一个独立的外部机构，能够克服研究机构因自查可能带来的痼疾，对于确保丹麦的科研诚信具有重要的意义。



The screenshot shows the website of the Danish Committees on Scientific Dishonesty (DCSD). The page is in Danish. The sidebar on the left contains the following navigation links: Ministry of Higher Education and Science, Education and institutions, Research and innovation, Councils and commissions, The Danish Committees on Scientific Dishonesty (with sub-links for Members, Contact, Annual reviews, and Decisions), The Minister and the Ministry, Newsroom, Press inquiries, and Legislation. The main content area has a breadcrumb trail: Home -> Research and innovation -> Councils and commissions -> The Danish Committees on Scientific Dishonesty. The title is 'The Danish Committees on Scientific Dishonesty'. The text explains that DCSD handles cases on scientific dishonesty (research misconduct) in research. It defines scientific dishonesty (research misconduct) as falsification, fabrication, plagiarism, and other serious violations of good scientific practice committed willfully or gross negligent in planning, performing, or reporting of research results. It also states that DCSD investigates allegations on research misconduct which are of significance for Danish research. Investigations start upon acceptance of a complaint. DCSD contributes to strengthen the credibility of Danish research and to prevent scientific dishonesty. DCSD has published a set of guidelines for good scientific practice. The page also mentions 'DCSD's guidelines for good scientific practice' and 'The Scope and Jurisdiction of DCSD'.

- 丹麦学术不端委员会主要处理那些对于丹麦研究来说非常重要的学术不端案例，只要委员会认为该案例对于社会利益或对人类或动物的健康具有重要意义，无论是否有控方，委员会都会开展调查。

# 丹麦学术诚信的机构和措施

- 1998年委员会出版的《良好科学实践指南》作为一本诚信教育参考读物，在研究人员陷入科研不端行为相关的困境时能为他们提供有益的指导和帮助。此外，委员会每年还出版一份年度报告，主要内容包括当年处理的案例情况、丹麦国内科研诚信的现状和重要发展趋势等。

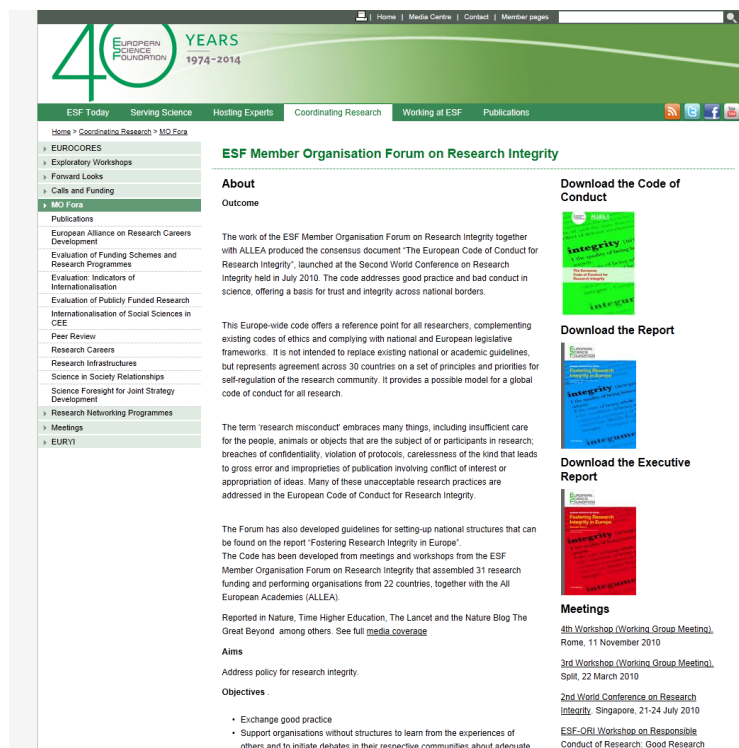
**丹麦学术不端委员会的一切行动都有法律依据。**涉及到科研不端行为的最高法案是2003年5月出台的《研究咨询系统法案》（其前身为1997年8月出台的《研究政策建议法案》），该法案明确赋予丹麦学术不端委员会监督和检查科研活动中涉及的科学欺骗、科学道德等问题的职责。具体包括：对涉及研究人员弄虚作假的申述进行调查；建议终止涉及欺骗的科研项目；向相关负责领域的权利机构通报情况；对涉及犯罪的，负责向警察局提供报告；根据有关机构的特殊要求，对科学诚实问题提供评估报告。

# 韩国、奥地利关于学术诚信的措施

- 韩国自黄禹锡事件后，学术不端行为问题引起了政府的高度重视，2006年韩国科技部出台了《国家研究开发事业成果评价及成果管理法》、《关于国家研发事业中确保研究伦理及真实性的准则》，详细规定了对学术腐败查处的程序以及相关部门、机构的责任。
- 为防止论文抄袭现象 奥地利建学术著作数据库
- 奥地利正在实施一项建设学术著作中央数据库计划，主要目的是防止论文抄袭现象。从2011年起，通过互联网，从这个数据库调阅提交给奥地利各大学的硕士和博士论文，协助各大学及时发现已提交的论文有无抄袭现象。

# 欧洲科研诚信行为准则

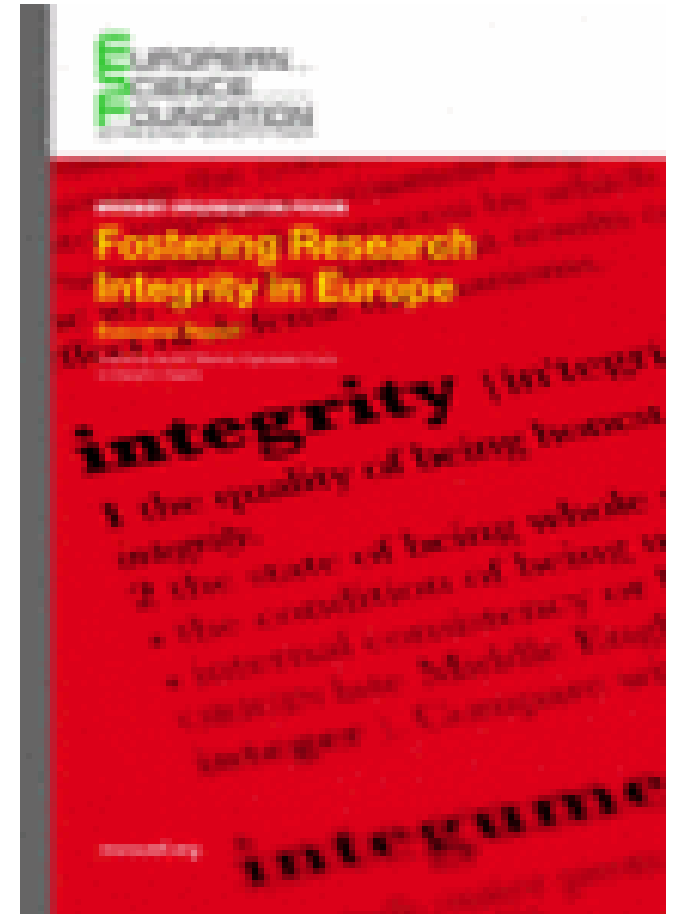
- 欧洲科研诚信行为准则为欧洲科学基金会（ESF）成员组织（MO）科研诚信论坛报告《促进欧洲的科研诚信——执行报告》（Fostering Research Integrity in Europe — Executive Report）中的第二部分。该组织成员包括欧洲30个国家的79个全国性科研资助机构、研究机构、科学院和学会。



# 欧洲科研诚信行为准则

- 欧洲科学基金会（ESF）和全欧科学院（ALLEA）通过组织系列研讨会而制定的本行为准则，主要提出自然、社会科学和人文学科领域中系统研究方面的适当行为以及符合道德原则的做法。这是自我约束的规则，而不是法律的一部分。本准则不是要取代现有各国的指南或学术指南，而是代表在欧洲范围内就科研界的一系列原则和重要事项所达成的一致。

[http://www.esf.org/fileadmin/Public\\_documents/Publications/research\\_integrity\\_exreport.pdf](http://www.esf.org/fileadmin/Public_documents/Publications/research_integrity_exreport.pdf)



# 欧洲科研诚信行为准则

- **本行为准则**
- 科研人员、公共和私人研究组织、大学和资助机构必须遵守和促进科学与学术研究中的诚信原则。这些原则包括：
  - 诚实交流；
  - 进行可信赖的研究；
  - 客观性；
  - 公正性与独立性；
  - 开放性和可获得性；
  - 关心爱护的责任；
  - 合理列出引用文献及肯定他人的贡献；以及
  - 对未来的科学家与研究人员负责。
- 大学、机构和所有其他聘用科研人员的单位，以及为其科学工作提供资金的部门和组织，有责任保证树立崇尚科研诚信的风气，包括有明确的政策与程序、对科研人员的培训与指导以及健全的管理方法，确保人们了解并采用高标准，尽早发现并尽可能防止任何违规行为。
- **伪造，篡改和故意遗漏不理想的数据都严重违反了科研道德。剽窃违反了对其他科研人员负责任行为的规则，并间接地对科学造成危害。**不能妥善处理这类不良行为的机构同样有错误。对有可信性举报都应进行调查。对轻微的过错都应给予批评和矫正。

## 2. European Code of Conduct for Research Integrity

This code – developed through a series of workshops involving the ESF (European Science Foundation) and ALLEA (All European Academies) – addresses the proper conduct and principled practice of systematic research in the natural and social sciences and the humanities. It is a canon for self-regulation, not a body of law. It is not intended to replace existing national or academic guidelines, but to represent Europe-wide agreement on a set of principles and priorities for the research community.

### The Code

Researchers, public and private research organisations, universities and funding organisations must observe and promote the principles of integrity in scientific and scholarly research.

These principles include:

- honesty in communication;
- reliability in performing research;
- objectivity;
- impartiality and independence;
- openness and accessibility;
- duty of care;
- fairness in providing references and giving credit; and
- responsibility for the scientists and researchers of the future.

Universities, institutes and all others who employ researchers, as well as agencies and organisations funding their scientific work, have a duty to ensure a prevailing culture of research integrity. This involves clear policies and procedures, training and mentoring of researchers, and robust management methods that ensure awareness and application of high standards as well as early identification and, wherever possible, prevention of any transgression.

Fabrication, falsification and the deliberate omission of unwelcome data are all serious violations of the ethos of research. Plagiarism is a violation of the rules of responsible conduct vis-à-vis other researchers and, indirectly, harmful for science as well. Institutions that fail to deal properly with such wrongdoing are also guilty. Credible allegations should always be investigated. Minor misdemeanours should always be reprimanded and corrected.

Investigation of allegations should be consistent with national law and natural justice. It should be fair, and speedy, and lead to proper outcomes and sanctions. Confidentiality should be observed where possible and

of participants. In a world of increasing transnational, cross-sectional and interdisciplinary science, the work of OECD's Global Science Forum on *Best Practices for Ensuring Scientific Integrity and Preventing Misconduct* can provide useful guidance in this respect.

### The principles of research integrity

These require honesty in presenting goals and intentions, in reporting methods and procedures and in conveying interpretations. Research must be reliable and its communication fair and full. Objectivity requires facts capable of proof, and transparency in the handling of data. Researchers should be independent and impartial and communication with other researchers and with the public should be open and honest. All researchers have a duty of care for the humans, animals, the environment or the objects that they study. They must show fairness in providing references and giving credit for the work of others and must show responsibility for future generations in their supervision of young scientists and scholars.

### Misconduct

Research misconduct is harmful for knowledge. It could mislead other researchers, it may threaten individuals or society – for instance if it becomes the basis for unsafe drugs or unwise legislation – and, by subverting the public's trust, it could lead to a disregard for or undesirable restrictions being imposed on research.

- Research misconduct can appear in many guises:
- Fabrication involves making up results and recording them as if they were real;
  - Falsification involves manipulating research processes or changing or omitting data;
  - Plagiarism is the appropriation of other people's material without giving proper credit;
  - Other forms of misconduct include failure to meet clear ethical and legal requirements such as misrepresentation of interests, breach of confidentiality, lack of informed consent and abuse of research subjects or materials. Misconduct also includes improper dealing with infringements, such as attempts to cover up misconduct and reprisals on whistleblowers;
  - Minor misdemeanours may not lead to formal investigations, but are just as damaging given their probable

# 欧洲科研诚信行为准则

- 对所有举报的调查都应符合国家法律和自然正义。调查应当公正、迅速，并作出适当的结论和实施制裁。在可能的情况下应当注意保密，在必要时采取相应的处理措施。进行的调查应当作出结论，即使被举报人已经离开本单位。
- 在国际合作中的合作伙伴（个人和机构）应事先同意就调查涉嫌违反科研诚信的行为进行合作，同时尊重参与者各自国家的法律和主权。在一个科学的跨国界、跨行业和跨学科程度都日益增加的世界，经合组织（OECD）全球科学论坛的《确保科学诚信和预防不端行为的最佳实践》可以在这方面提供有益的指导。



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# 欧洲科研诚信行为准则

- 科研诚信的原则
- 这些原则需要在介绍目标及意图、报告方法及程序以及进行阐释时要诚实。研究必须真实可信，有关交流必须合理而充分。  
**客观性要求所有事实要能被证明，在处理数据时要透明。**科研人员应当独立而**无偏见**，与其他科研人员和公众的沟通应当开放而诚实。所有科研人员都有**对人类、动物、环境或研究对象关爱的责任**。他们在提供**引用文献和介绍他人研究的贡献时必须表现出公平**；在指导年轻科学家和学者时，必须表现出对后代的责任感。

# 欧洲科研诚信行为准则

- 不端行为
- 科研不端行为对知识构成危害。它会误导其他科研人员；而在其成为不安全药品的基础和不明智立法的依据等情况下，可能对个人或社会构成威胁；它通过破坏公众的信任，可能导致使科研受到漠视或被施以不合理的限制。
- 科研不端行为会以各种形式出现：
  - 伪造是指杜撰结果并进行记录，好像这些结果是真实的；
  - 篡改是指操纵研究过程或改动或略去数据；
  - 剽窃是利用他人的材料而不对其贡献给予适当的认可；
  - 其他形式的不端行为包括未达到明确的伦理和法律方面要求，如不据实披露利益关系，违反保密规定，未取得知情同意以及滥用实验对象或材料。
- 不端行为还包括对违规行为的不当处理，如试图掩盖不端行为和报复举报人；
  - 轻微的不端行为可能不会引致正式调查，但由于其会经常出现而同样具有破坏性，所以应当由教师和导师纠正。
- 所采取的措施必须与不端行为的严重程度相称：一般来说必须证明不端行为是有意而为、明知故犯或罔顾后果的。证实存在问题必须基于充分的证据。科研不端行为不应当包括无意识的错误或意见的不同。威胁学生、滥用经费等违规行为和其他已受一般法律和社会惩罚的不端行为是不可接受的，但不属于“科研不端行为”，因为其不影响研究记录本身的诚信。

# 欧洲科研诚信行为准则

- 良好的科研实践
- 其他不能坚持良好实践的行为，如**错误的研究步骤、有缺陷的数据管理等，会影响公众对科学的信任**。科研界也应当认真对待这些行为。所以，处理数据的惯例是应当保存原始数据，并使同事能获得这些数据。**违反研究步骤的做法包括对人类对象，动物或文化对象缺乏足够的关心，不按科学实验计划执行，未取得知情同意，以及违反保密规定，等等**。索取或奉送不应享受的署名权，或拒绝应得的署名权是不可接受的。其他**与出版有关的不当行为包括重复出版、把完整的论文拆分发表，或对有贡献者或赞助者致谢不够**。**审稿人和编辑也应当保持其独立性，申明所有利益冲突，并谨慎处理个人偏见与利害关系**。不适当地声称具有署名权和不署真实姓名都属于篡改信息。编辑或审稿人窃用他人思路属于剽窃。对参与研究的人员造成痛苦或压力，或者在未取得知情同意的情况下使其面临危害，在伦理上是不可接受的。

- 虽然诚信原则以及违反这些原则的情况具有普遍性，但关于良好实践方面的一些规定可能会受文化差异的影响，并应当成为国家或机构相关指南的一部分。这些规定不能被轻易纳入一个通用的行为准则。但全国性的良好科研实践指南都应当考虑以下几点：



# 欧洲科研诚信行为准则

- **1. 数据：**应当将所有原始数据和二次数据以安全和易为他人存取的形式储存，对其进行整理并存档保存相当长的时间。它的存放方式应任由同行利用。应保证科研人员能够自由地与他人一起工作和谈论相关内容。
- **2. 程序：**所有研究的设计与实施都应避免失误、草率、疏忽和漫不经心。科研人员应尽量履行在申请资助时的承诺。他们应尽可能减少对环境的影响和高效地利用资源。应使客户或资助方了解科研人员的法律和伦理责任，以及发表成果的重要性。如有合法的要求，科研人员应尊重数据保密方面的规定。科研人员应适当地对其接受的拨款或资助负责。
- **3. 责任：**应当**以尊重和关爱的方式对待所有研究对象，包括人类、动物或无生命体**。不能损害一个群体或合作者的健康、安全或福利。科研人员应当体恤自己的研究对象。不得违反关于对人类对象研究方面的规程。只有当其他方法被证明不适用后，才可以使用动物进行研究。这种研究的预期效益必须大于给动物造成的伤害或痛苦。
- **4. 发表：**研究结果应当尽早以开放，透明和准确的方式发表，除非由于知识产权方面的原因需要延迟发表。除非另有规定，**所有作者应当对发表的内容完全负责**。奉送或隐匿署名权是不可接受的。全体作者最好在项目开始时便对确定署名顺序的标准达成一致。**对合作者及助手们的贡献，应当在得到其许可后在文章中致谢**。所有作者应当申明所有利益冲突。他人的学术贡献应得到承认和正确的引述。在与公众和大众媒体的交流时应保持诚实和准确性。对为研究提供经费和其他方面支持者应当致谢。

# 欧洲科研诚信行为准则

- **5. 编辑的责任：**具有潜在利益冲突的编辑或审稿人，应当不再参与对特定出版物的处理，或向读者披露相关的冲突。**审稿人应提供准确、客观、有事实依据和充足理由的评价，并给予保密。审稿人不应当未经允许使用所提交手稿中的材料。**对资助申请、个人申请任职、提职或其他荣誉进行评审者，应当遵循同样的行为指南。
- 处理科研不端行为的首要责任属于聘用科研人员的机构。这样的机构应当有常设委员会或专门委员会处理不端行为举报。科学院和其他类似机构应制定行为准则，其中包括对不端行为举报案例的处理规则，并要求成员遵守。参与国际合作的科研人员应同意本文件所确定的科研诚信标准，并在适当时形成一项正式的合作协议，无论是重新制定或使用经合组织全球科学论坛起草的文本。



2010年3月克罗地亚斯普利特促进科研诚信研究 工作会议

# 世界科研诚信大会

- 2007年9月**首届世界科研诚信大会**在葡萄牙里斯本召开。大会由作为欧盟轮值主席国葡萄牙的科学技术及高等教育部主办，由欧洲科学基金会和美国研究诚信办公室共同组织。
- 大会得到国际科学协会理事会（ICSU）、全球科学论坛（Global Science Forum）、全欧科学院（ALLEA）、欧洲出版道德委员会（COPE）、欧洲分子生物学组织（EMBO）、经济合作发展组织（OECD）、英国研究诚信办公室（UKRIO）、美国国家科学基金会（NSF）、英国医学研究理事会（MRC）、德国马克斯普朗克协会（MPG）等机构的支持。出席大会的有来自47个国家的275位代表。
- 我国有2位专家学者参加了此次大会。**

## World Conference on Research Integrity



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### ESF World Conferences

#### ESF-ORI First World Conference on RESEARCH INTEGRITY: FOSTERING RESPONSIBLE RESEARCH

**A Portuguese European Union Presidency and European Commission Event Initiated and Organized by the European Science Foundation & the US Office of Research Integrity**

The European Science Foundation (ESF) and the US Department of Health and Human Services Office of Research Integrity (ORI) have organised the first World Conference on Research Integrity in Lisbon, Portugal (Calouste Gulbenkian Foundation, 16-19 September 2007).

The Research Integrity World Conference was supported by the European Commission and hosted by the Portuguese Ministry for Science, Technology and Higher Education (MCTES), through the Portuguese Foundation for Science (FCT) and the Gabinete de Relações Internacionais da Ciência e do Ensino Superior (GRICES) in collaboration with the Calouste Gulbenkian Foundation (FCG), as part of the forthcoming EU Portuguese Presidency.

The ESF and ORI have worked together as co-organisers for this event, in partnership with the International Council of Science (ICSU) and NATO and with additional financial support from the European Molecular Biology Organization (EMBO), the UK Research Integrity Office and the Committee on Publication Ethics (COPE). The support from ICSU and NATO was in the form of travel grants for some attendees from non-OECD countries and observer countries and from the NATO Partner Countries and Mediterranean Dialogue Countries respectively. There was also some limited support available for younger researchers to attend.

There is a close link between the Conference and its Planning Committee with the parallel and linked activity on research misconduct of the OECD Global Science Forum (report [EDE](#) 164 KB).

#### Conference Documents

- Official Final Conference Report [EDE](#) (KB) Last Updated 6-December-2007
- Conference Programme [EDE](#) (362 KB) Last Updated 9-October-2007
- List of Participants [EDE](#) (190 KB) Last Updated 27-November 2007
- European Science Foundation Policy Briefing - Good Scientific Practice in Research and Scholarship [EDE](#) (88 KB)
- OECD Global Science Forum Report - Best Practices for Ensuring Scientific Integrity and Preventing Misconduct [EDE](#) (164 KB)
- European Commission, Expert Group Meeting, Final Report (Brussels, 22-23 March 2007) - Integrity in Research: A Rationale for Community Action
- ORI-ESF Science Policy Briefing 30 - Research Integrity, Global Responsibility to Foster Common Standards [EDE](#) (300 KB)

#### Further Pages & Links

- Invited Papers & Biographies
- References & Background Reading
- Press Cuttings
- ESF News Releases
- Further Links of Interest
- Associated Events
- Photo Gallery
- Planning Committee Members, Deputies & Observers
- Contacts
- Sponsors & Associated Partners

# 第二届世界科研诚信大会

- 第二届世界科研诚信大会于2010年7月21日-24日在新加坡举行，会议的主题是“领导工作的挑战与应对”（Leadership Challenges and Responses）。来自全球近60个国家和地区以及部分国际组织的350多名代表出席了会议。
- 全体会议的主题分别是**科研领导者面临的诚信挑战、建立国家和国际科研诚信体系以及探索、共享与推广最佳实践。**
- **科技部科研诚信建设办公室、中国科学院科研道德委员会和学部科学道德建设委员会、中国科协常委会科技工作者道德与权益专门委员会都派出了人员与会。天津大学校长龚克在大会全体会议上作了题为“中国的大学如何应对科研不端行为”的主题发言。**
- 浙江大学校长杨卫、科技部科研诚信建设办公室孙平和中国知网科研诚信管理系统研究中心孙雄勇、耿崇分别在分组会上作了专题发言。

## 2nd World Conference on Research Integrity



To deserve public trust and support, researchers must set and maintain high standards for integrity in all aspects of their work. While major breaches of research integrity are thankfully not common, small and large problems do occur throughout the vast global research enterprise. The World Conferences on Research Integrity represent effort to provide guidance for promoting integrity in research throughout the world.

Building on the discussions begun at the first [World Conference on Research Integrity \(Lisbon 2007\)](#), this second gathering of experts from many different countries, disciplines and leadership roles has a proactive agenda. During the conference and post-conference workshops, participants will exchange information and views and then work together to develop guidelines and recommendations for promoting integrity in research on a global scale.

The main work of the conference will focus on developing recommendations for four key aspects of research integrity:

1. National and international structures for promoting integrity and responding to misconduct,
2. Global codes of conduct and best practices for research,
3. Common curricula for training students and researchers in best practices, and
4. Uniform best practices for editors and publishers.

Participants will also have an opportunity to discuss and consider affirming a general "Singapore Statement on Research Integrity" as a starting point for identifying the fundamental values and principles that are common to research wherever it is undertaken. A draft Singapore Statement is currently available as an [interactive web site](#) to allow participants to begin the discussion of these fundamental values and principles in advance of the Conference itself.

The Second World Conference is aimed primarily at:

- Leaders and key decision makers in research funding organisations (grant agencies and research councils)
- Presidents, Directors and Provosts of research performing organisations (national research laboratories and universities)
- Research faculty of research performing organisations
- Research Publishers (scientific and technical journal and book editors and reviewers)
- Researchers, Educators and Policy Experts
- Those responsible for research integrity in Ministries and agencies specifically dealing with such matters

<http://www.wcri2010.org/index.asp>

# 《科研诚信新加坡宣言》

- 《科研诚信新加坡宣言》（Singapore Statement on Research Integrity）第二届世界科研诚信大会制定的，意在提供一个负责任科研行为的**全球性指南**。
- 前 言：
- **科学研究的价值和益处完全取决于研究是否诚信**。尽管科研工作的组织与实施方式在不同国家和不同学科领域可能存在也确实存在差异，但仍有一些无论研究在何处进行，对研究的诚信都十分重要的原则和职业责任。
- 原 则：
- **在研究的所有方面都要诚实**  
在进行研究时负责任  
在与他人工作时保持专业的姿态与公平  
为了其他各方的利益对研究进行有益的监督

**Singapore Statement on Research Integrity**  
...principles and responsibilities for research worldwide...

Home Statement Translations Coverage Next Steps

**Background**

The principles and responsibilities set out in the Singapore Statement on Research Integrity represent the first international effort to encourage the development of unified policies, guidelines and codes of conduct, with the long-range goal of fostering greater integrity in research worldwide.

The Statement is the product of the collective effort and insights of the 340 individuals from 51 countries who participated in the 2nd World Conference on Research Integrity. These include researchers, funders, representatives of research institutions (universities and research institutes) and research publishers. The Statement was developed by a small drafting committee (listed below), discussed and commented upon before, during and after the 2nd World Conference, and then finalized for release and global use on 22 September 2010.

**Purpose**

Publication of the Singapore Statement on Research Integrity is intended to challenge governments, organizations and researchers to develop more comprehensive standards, codes and policies to promote research integrity both locally and on a global basis.

The principles and responsibilities summarized in the Statement provide a foundation for more expansive and specific guidance worldwide. Its publication and dissemination are intended to make it easier for others to provide the leadership needed to promote integrity in research on a global basis, with a common approach to the fundamental elements of responsible research practice.

The Statement is applicable to anyone who does research, to any organization that sponsors research and to any country that uses research results in decision-making. Good research practices are expected of all researchers: government, corporate and academic. To view and download copies of the Statement, click on the links to the right.

**Next steps**

Questions about the development and use of the Singapore Statement on Research Integrity are welcomed. Please contact: [questions@singaporestatement.org](mailto:questions@singaporestatement.org)

Reports on the publication, adoption and use of the Statement are also welcomed and will be posted on this site to share information about what others are doing. Please send any news about publication, adoption or use to: [reports@singaporestatement.org](mailto:reports@singaporestatement.org)

If you would like to learn more about the World Conferences on Research Integrity and plans for the 3rd World Conference, contact: [wrci@singaporestatement.org](mailto:wrci@singaporestatement.org)

**2<sup>ND</sup> WORLD CONFERENCE ON RESEARCH INTEGRITY**

**Announcement:**  
The next World Conference on Research Integrity will be held in Montreal, Canada, May 5-8, 2013

**To view or print the Singapore Statement:**

[Web version](#)

[Single page A4 - \(PDF\)](#)  
[US Letter \(PDF\)](#)

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[Poster](#)  
[A3 Poster \(PDF\)](#)  
[US Poster \(PDF\)](#)

For WORD versions or other formats email: [questions@singaporestatement.org](mailto:questions@singaporestatement.org)

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[wrci@singaporestatement.org](mailto:wrci@singaporestatement.org)

<http://singaporestatement.org/>



# 《科研诚信新加坡宣言》

- 责任：
- 1. 诚信：科研人员应对其研究的可信性负责。
- 2. 遵守规章制度：科研人员应当了解并遵守科研相关的规定和政策。
- 3. 研究方法：科研人员应当采用适当的研究方法，基于对证据的批判性分析得出结论，并全面而客观地报告结果和进行解释说明。
- 4. 研究记录：科研人员应当以能够使他人借以验证和重复其工作的方式对所有研究进行清楚、准确的记录。
- 5. 研究结果：科研人员在有机会确立其优先权和所有权后，应当立即公开而迅速地共享数据和结果。
- 6. 署名权：科研人员应当对其在所有出版物、资助申请书、研究报告和其他关于研究介绍材料中的贡献负责。在作者名单中应当包括所有且仅是那些符合适当的署名条件的人员。
- 7. 公开致谢：科研人员应当在出版物中说明那些对研究做出重要贡献，但又不符合署名条件者的姓名及其作用以表示感谢，包括执笔者、资助者、赞助者和其他人员。
- 8. 同行评议：科研人员在评估他人工作时，应当给予公正、及时而缜密的评价，并尊重保密性。

# 《科研诚信新加坡宣言》

- 9. 利益冲突：科研人员应当披露有可能损害其在立项申请、发表作品、公共传播以及所有评审活动中可信性的财务与其他方面的利益冲突。
- 10. 公共传播：科研人员在参与有关研究结果的应用与重要性的公开讨论时，应当只限发表在自己公认的专长范围内的专业评论，并明确区分专业评论与基于个人看法的主张。
- 11. 举报不负责任的研究行为：科研人员应当向适当的主管部门举报任何涉嫌的科研不端行为，包括伪造、篡改或剽窃，以及其它危害研究可信性的不负责任的研究行为，如粗心大意，不适当地列出作者姓名、瞒报相互矛盾的数据，或采用会产生误导的分析方法。
- 12. 处理不负责任的研究行为：承担科研相关工作的研究机构以及学术期刊、专业组织和机构，应当有处理关于不端行为和其它不负责任研究行为举报以及保护有关行为的善意举报人的程序。当不端行为或其它不负责任的研究行为得到证实，应当迅速采取适当措施，包括纠正研究记录。
- 13. 科研环境：科研机构应当通过教育、制定明确的政策以及合理的晋升标准等方式，营造与保持鼓励诚信的环境，并培育支持科研诚信的工作氛围。
- 14. 社会考量：科研人员 and 科研机构应当意识到自己负有权衡社会利益与其工作中固有风险之伦理责任。

# 第三届世界科研诚信大会

- 第三届世界科研诚信大会2013年月6日-8日在加拿大蒙特利尔举行。
- 来自40多个国家的300多名代表出席了这次会议，并就机构、国家和区域层面的科研诚信治理、科研诚信教育、学术与出版界的合作、学术不端案例分析，尤其是跨学科、跨机构、跨国合作中的科研诚信治理等问题进行了广泛的交流和讨论。
- 发表了有关“**跨域合作科研诚信**”的共同宣言，即《**蒙特利尔宣言**》，宣言分4部分，共20条，规定了个人和机构在跨域学术研究过程中的责任。
- 南开大学校长龚克率中国科协代表团出席，并在会上介绍了我国大学开展科研诚信教育的情况。

## 3rd World Conference on Research Integrity



3<sup>rd</sup> World Conference on Research Integrity  
May 5 - 8 mai 2013  
Montréal, Canada

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Conference Overview

- Registration
- Accommodation
- Background
- Program
- Information for Speakers
- Montreal Statement
- Supporters
- Important Dates
- General Information
- Planning Committee
- Council of Science Editors Meeting

### 3<sup>rd</sup> World Conference on Research Integrity

The 3<sup>rd</sup> World Conference on Research Integrity will focus international attention on research integrity, responsible conduct of research, and publication of research. Attendees will have opportunities to learn the current state of worldwide progress on research integrity, discuss new challenges and emerging topics, and help shape national and international responses.

The Conference will provide a forum for discussion and exchange of ideas, expertise, and experience among national and institutional leaders, policy makers, research funders, leaders of professional societies, journal editors, publishers, researchers, educators, administrators, and graduate and postdoctoral trainees.

Areas of particular interest for the upcoming conference include:

- integrity in cross-national, cross-disciplinary and cross-sector partnerships;
- trust in science including political and media issues, responses to misconduct, and correction of the scientific record;
- emerging challenges in research integrity associated with new technologies and scientific frontiers; and
- fostering research integrity through policies, codes, standards and training;

For the first time, the World Conference invites proposals of presentations on empirical research on research integrity and analysis of related topics. Please see the [Call for Abstracts](#) for more information.

One outcome of the conference will be a *Montreal Statement* that will offer guidance on integrity in cross-national, cross-disciplinary and cross-sector research. Attendees will have the opportunity to comment on a draft *Montreal Statement*, which will be available on this website ahead of the conference. The finalized *Statement* will be issued after a further one-month comment period following the Montreal conference.

# 《科研诚信蒙特利尔宣言》

<http://www.wcri2013.org/doc-pdf/MontrealStatement.pdf>

- 序言
- 跨国、跨机构、跨学科和跨行业的科研合作对于推进全球知识进步都很重要。这样的合作对负责任的研究行为提出了特殊的挑战，因为它们可能涉及管理和法律制度、组织结构与经费提供渠道、科研文化和培训方法的重要差异。因此，科研人员意识到并有能力应对这些差异以及在跨界科研合作中可能出现的诚信相关问题极为重要。科研人员应坚持《科研诚信新加坡宣言》中所提出的专业责任。此外，下列责任对于个人和机构层面的合作伙伴尤其相关，且对合作研究中的诚信至关重要。促进合作研究的诚信是所有个人和机构合作伙伴的责任。

## Montreal Statement on Research Integrity in Cross-Boundary Research Collaborations

**Preamble.** Research collaborations that cross national, institutional, disciplinary and sector boundaries are important to the advancement of knowledge worldwide. Such collaborations present special challenges for the responsible conduct of research, because they may involve substantial differences in regulatory and legal systems, organizational and funding structures, research cultures, and approaches to training. It is critically important, therefore, that researchers be aware of and able to address such differences, as well as issues related to integrity that might arise in cross-boundary research collaborations. Researchers should adhere to the professional responsibilities set forth in the *Singapore Statement on Research Integrity*. In addition, the following responsibilities are particularly relevant to collaborating partners at the individual and institutional levels and fundamental to the integrity of collaborative research. Fostering the integrity of collaborative research is the responsibility of all individual and institutional partners.

### Responsibilities of Individual and Institutional Partners in Cross-Boundary Research Collaborations

#### General Collaborative Responsibilities

- 1. Integrity.** Collaborating partners should take collective responsibility for the trustworthiness of the overall collaborative research and individual responsibility for the trustworthiness of their own contributions.
- 2. Trust.** The behavior of each collaborating partner should be worthy of the trust of all other partners. Responsibility for establishing and maintaining this level of trust lies with all collaborating partners.
- 3. Purpose.** Collaborative research should be initiated and conducted for purposes that advance knowledge to the benefit of humankind.
- 4. Goals.** Collaborating partners should agree at the outset on the goals of the research. Changes in goals should be negotiated and agreed to by all partners.

#### Responsibilities in Managing the Collaboration

- 5. Communication.** Collaborating partners should communicate with each other as frequently and openly as necessary to foster full mutual understanding of the

#### Responsibilities in Collaborative Relationships

- 12. Roles and Responsibilities.** Collaborating partners should come to mutual understandings about their roles and responsibilities in the planning, conduct and dissemination of research. Such understandings should be renegotiated when roles or responsibilities change.
- 13. Customary Practices and Assumptions.** Collaborating partners should openly discuss their customary practices and assumptions related to the research. Diversity of perspectives, expertise and methods, and differences in customary practices, standards and assumptions that could compromise the integrity of the research should be addressed openly.
- 14. Conflict.** Collaborating partners should seek prompt resolution of conflicts, disagreements and misunderstandings at the individual or institutional level.
- 15. Authority of Representation.** Collaborating partners should come to agreement on who has authority to speak on behalf of the collaboration.

# 《科研诚信蒙特利尔宣言》

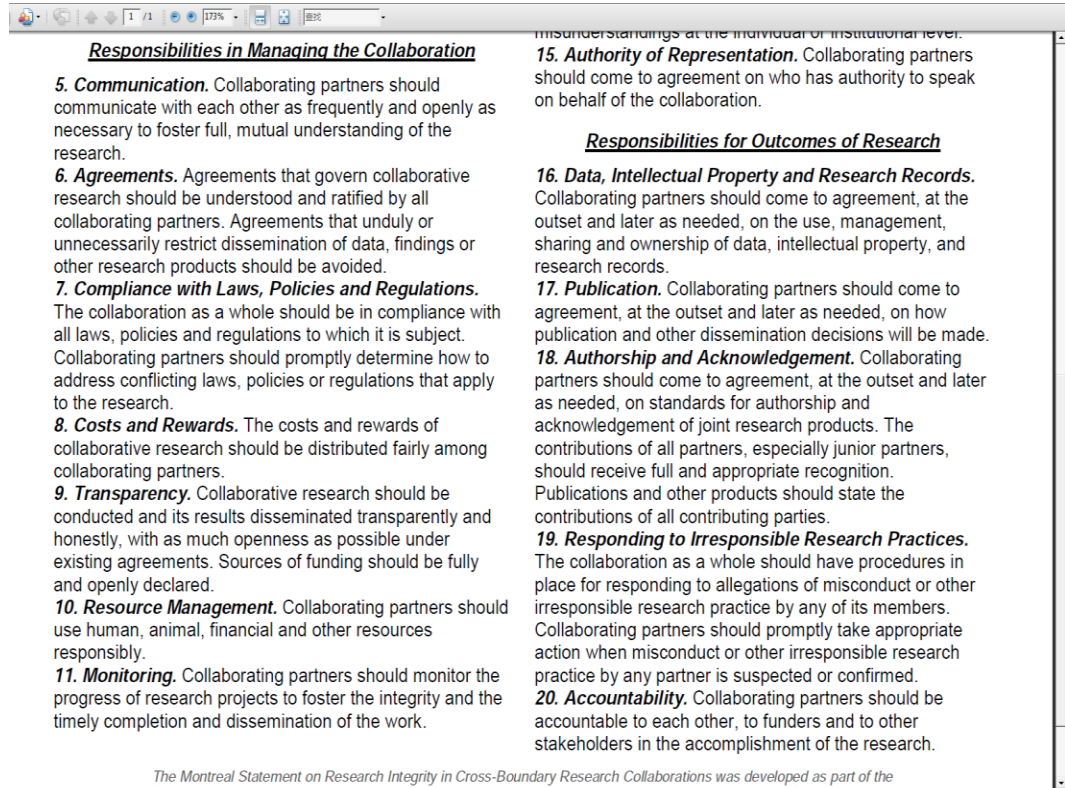
- 跨界科研合作中个人和机构合作伙伴的责任
- 一、合作的一般责任
- 1. **诚信**。合作伙伴应对整体合作研究的可信性共同承担责任，并对自己贡献部分的可信性单独承担责任。
- 2. **信任**。每个合作方的行为应当值得所有其他合作伙伴的信任。所有合作伙伴都有责任建立和维护这种程度的信任。
- 3. **目的**。发起和进行合作研究的目的应是推进知识进步以造福于人类。
- 4. **目标**。合作伙伴应在一开始便对研究的目标达成一致。改变目标时应经过协商并得到所有合作伙伴的同意。

# 《科研诚信蒙特利尔宣言》

- 二、合作管理中的责任
- 5. **沟通**。合作伙伴之间应根据需要进行经常性和公开的沟通，促进对研究全面和相互的了解。
- 6. **协议**。合作研究协议应得到所有合作伙伴的了解和批准。在协议中应避免不恰当或不必要地限制数据、研究结果或其他研究产品的传播。
- 7. **遵守法律、政策和法规**。作为整体的合作应遵守所有对其有所约束的法律、政策和法规。合作伙伴应及时确定如何处理适用于该研究的法律、政策或规定之间的冲突。
- 8. **成本和获益**。合作研究的成本和获益应在合作伙伴之间合理分配。
- 9. **透明**。合作研究的进行和结果的传播都应透明和诚实，并根据现有协议尽可能多地公开。对资金来源应全面而公开地作出说明。
- 10. **资源管理**。合作伙伴应负责任地利用人、动物、经费和其他资源。
- 11. **监督**。合作伙伴应监督研究项目的进展以促进诚信和工作的及时完成与传播。

# 《科研诚信蒙特利尔宣言》

- 三、合作关系中的责任
- 12. **角色和责任**。合作伙伴应相互了解各自在研究的计划、实施和传播中的角色和责任。当角色或责任发生变化时，应就相关约定进行重新谈判。
- 13. **惯例和自认为适当的做法**。合作伙伴应公开讨论自己与研究有关的习惯做法和自认为适当的做法。对可能影响到研究诚信的观点、专业知识和方法的多样性以及习惯做法、标准和自认为适当做法的不同，应当公开进行应对。



- 14. **冲突**。合作伙伴应争取迅速解决在个人或机构层面的冲突、分歧与误解。
- 15. **代表的授权**。合作伙伴应就谁有权代表合作项目发言达成一致。

# 《科研诚信蒙特利尔宣言》

- 四、关于研究成果的责任
- 16. **数据**、知识产权和研究记录。合作伙伴应在一开始以及有需要时在合作过程中就数据、知识产权和研究记录的使用、管理、共享与所有权达成一致。
- 17. **发表**。合作伙伴应在一开始以及有需要时在合作过程中就如何决定发表和其他传播事宜达成一致。
- 18. **署名和致谢**。合作伙伴应在一开始以及有需要时在合作过程中就合作研究产品的署名和致谢标准达成一致。所有合作方，尤其是资历较浅合作方的贡献应获得充分和适当的认可。在出版物和其他产品中应注明所有参与方的贡献。
- 19. **应对不负责任的研究行为**。作为一个整体的合作应有处理关于其任何成员的不端行为或其他不负责任研究行为举报的程序。当任何合作伙伴的不端行为或其他不负责任的研究行为被怀疑或被证实，合作伙伴应及时采取适当行动。
- 20. **承担责任**。合作伙伴彼此之间以及对资助方和研究过程中的其他利益相关方都应承担责任。



# 第四届世界科研诚信大会

- 第四届科研诚信大会2015年5月30日-6月3日在巴西里约热内卢召开
- 第四届科研诚信大会的主题是“**科学研究激励与科研诚信：改革体制，促进负责任的科学研究**”。
- 国家自然科学基金委员会主任杨卫出席了第四届世界科研诚信大会，并作了题为“六项改革举措促进中国科研诚信——演变中的中国科研评估”的主旨报告。
- 来自全球50多个国家的科研机构 and 学术团体领导人、大学校长、期刊主编、政策制定者和科研人员参加了会议



4rd World Conference on Research Integrity



<http://www.wcri2015.org>

# 第五届世界科研诚信大会

- 第五届科研诚信大会将在2017年5月28日-31日在荷兰阿姆斯特丹召开
- 第五届科研诚信大会的主题是“研究的诚实可靠：围绕透明度和问责制”。



Registration for the 5th WCRI 2017 conference will be handled online. Please find all registration details below and scroll to the bottom of this page to access the online registration form.

**Registration periods and fees**  
For the conference we use three registration periods (early, late and on-site). Depending on the period you register the fee varies.

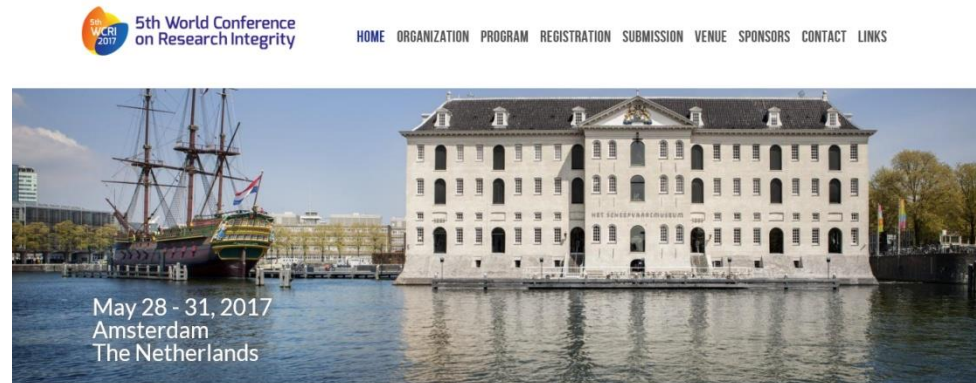
Registration fees	Early registration until March 1, 2017	Late registration from March 1 - until May 20, 2017	On-site registration from May 20, 2017
Participant	€ 560	€ 660	€ 760
Student/resident in training*	€ 360	€ 460	€ 560

\*Your registration for the student/resident in training fee is final when we've received a copy of your student card or a statement of the head of your department by e-mail to [events-umc@parthen.nl](mailto:events-umc@parthen.nl)

Registration fees include the following benefits:



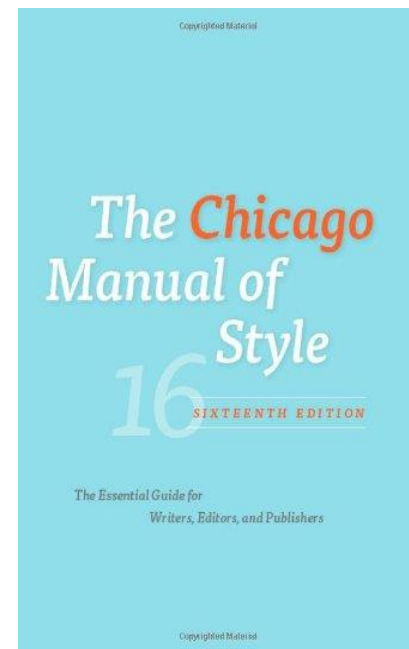
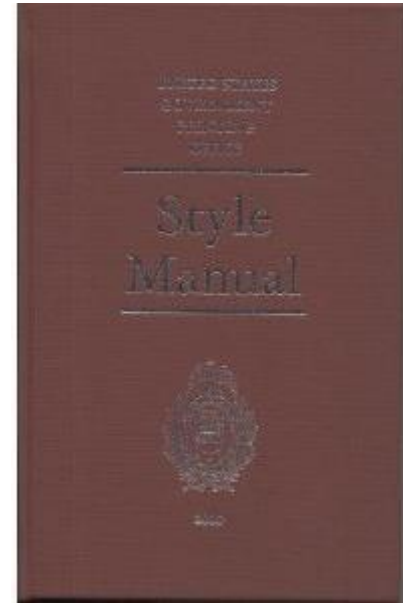
## 5rd World Conference on Research Integrity



<http://www.wcri2017.org/>

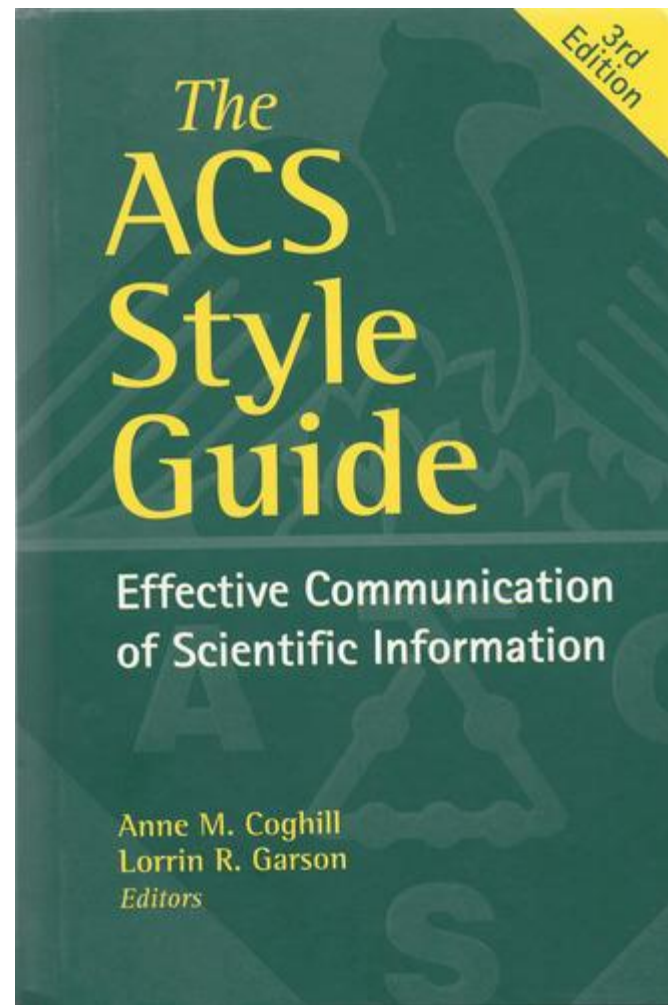
# 论文文体指南

- 为了维护科研诚信，防治学术不端行为，西方学术界对学术引文、学术成果、学术评价、学术批评等方面的规范有着具体的规定。学会、协会编著自己的体例指南，以规定其优先选择的文。如芝加哥大学出版社编辑出版的《芝加哥手册》到2010年已经出了第16版，在许多国家被视为作者、编者、校对者、索引编制者、自由撰稿人、设计者和出版者的一本权威性的参考书。
- **综合文体指南**
- 具有广泛影响的综合性出版手册主要有：
  - (1) [GPO] United States Government Printing Office. Style Manual, 29th Edition, Washington:GPO, 2000
  - 体例手册（2000） 29th由美国政府出版局编辑，最早出版于1894年，该文体手册可以通过网站获得
  - [http://www.access.gpo.gov/su\\_docs](http://www.access.gpo.gov/su_docs)
  - (2) [UCP] The University of Chicago Press. The Chicago Manual of Style. 16<sup>th</sup> ed. Chicago and London: The University of Chicago Press, 2010, 1026pp
  - 芝加哥文体手册（第16版），芝加哥大学出版社出版，该手册自1906年第一版问世以来，已经发展成为美国学术出版界的经典体例指南之一。



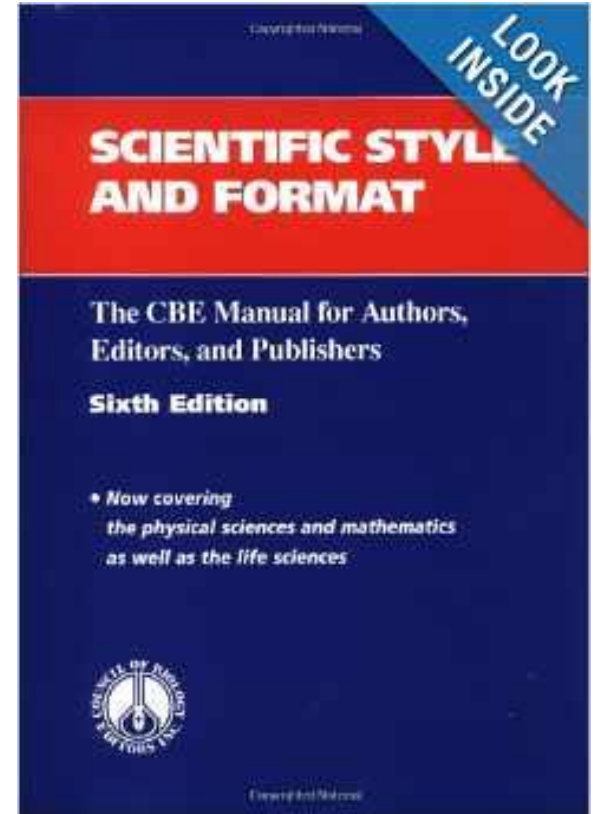
# 论文文体指南

- 化学
- [ACS]Dodd J S. The ACS Style Guide: A Manual for Authors and Editors. 2<sup>nd</sup> ed. Washington: American Chemical Society, 1997
- 美国化学会文体指南：作者与编辑手册，美国化学会出版，全书包括12章，4个附录，除通用的写作与编校内容外，主要有化学领域的出版惯例（如化学符号的表达）、期刊名称的缩写、同行评议、学术会议报告的准备等。
- 该手册第3版(Coghill A M, Garson L R. The ACS Style Guide: Effective Communication of Scientific Information, 3rd ed.)已于2006年出版。具体信息可参阅  
<http://pubs.acs.org/books/styleguide/>



# 论文文体指南

- 生物学
- [CBE] CBE (Council of Biology Editors) Style Manual Committee. *Scientific Style and Format: The CBE Manual for Authors, Editors, and Publishers*. 6<sup>th</sup> ed. Cambridge University Press, 1994
- 科技文体与格式：作者、编辑和出版者手册（第6版），全书33章和3个附录，不仅对通用的文体作介绍，还分章节对化学、药学、植物学、地球科学等专业领域的文体进行系统的介绍。
- 由生物学编辑委员会演变的科学编辑委员会于2006年出版了该手册的第7版 (Council of Science Editors. *Scientific Style and Format: The CSE Manual for Authors, Editors, and Publishers* (7th edition). Reston (VA): The Council, 2006)



# 论文文体指南

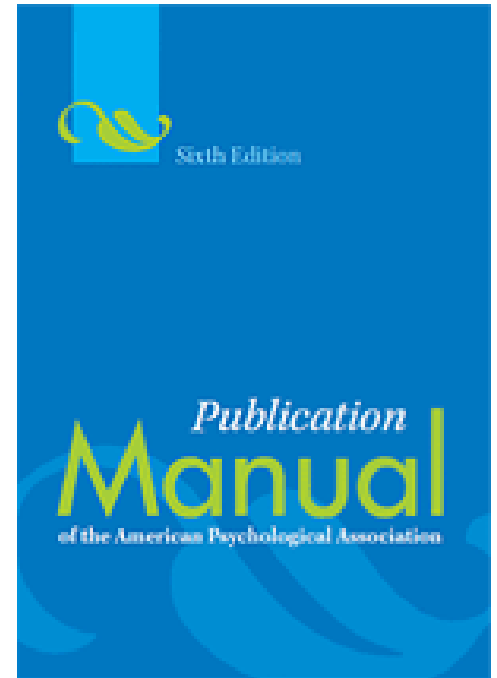
- **心理学文体指南**
- [APA] American Psychological Association. Publication Manual of the American Psychological Association. 6<sup>th</sup> ed. Washington D C: American Psychological Association, 2009
- 美国心理学协会出版手册（第6版），全书分8章和4个附录，除详细的通用出版惯例与指南外，还专门介绍了30种美国心理学协会所属期刊的出版政策与编辑管理，对于常见文体方面的问题及解答。
- <http://www.apa.org/pubs/books/4200066.aspx>

**APA格式国际社会科学学术写作规范手册(英语第6版)**

作者：美国心理学会

出版社：重庆大学出版社 2011-8

ISBN: 9787562461050



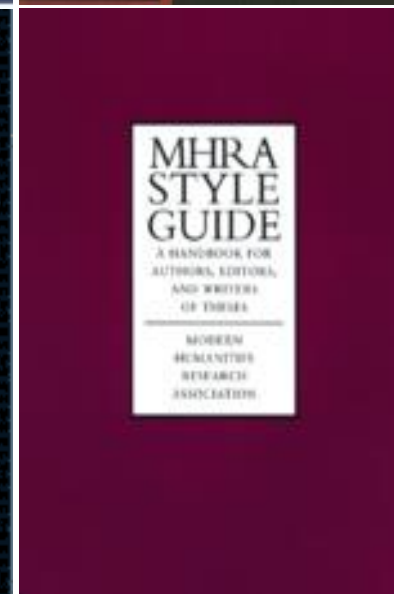
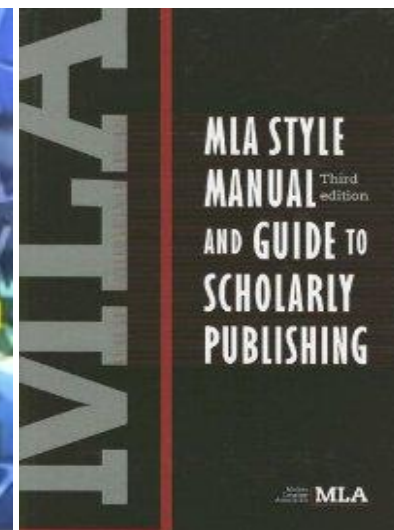
# 论文文体指南

## 人文科学文体指南

[MLA] Gibaldi J. *MLA Style Manual and Guide to Scholarly Publishing*. 3<sup>rd</sup> ed. New York: The Modern Language Association of America, 2008 ISBN 0-87352-297-4

MLA文体手册和学术出版指南（第二版）美国现代语言学会编辑、出版。全书包括8章和4个附录，其中对版权问题、文献注释和学位论文的准备介绍得比较详细。该体例的中译本已经出版。MLA文体手册和学术出版指南（第二版），北京大学出版社，2002年

相关的指南还有伦敦现代人类学研究协会（MHRA）编辑的MHRA 文体指南，Modern Humanities Research Association. *MHRA Style Book: Notes for Authors, Editors and Writers of Theses*. 5<sup>th</sup> ed. Leeds: W. S. Maney & Son Ltd, 1996



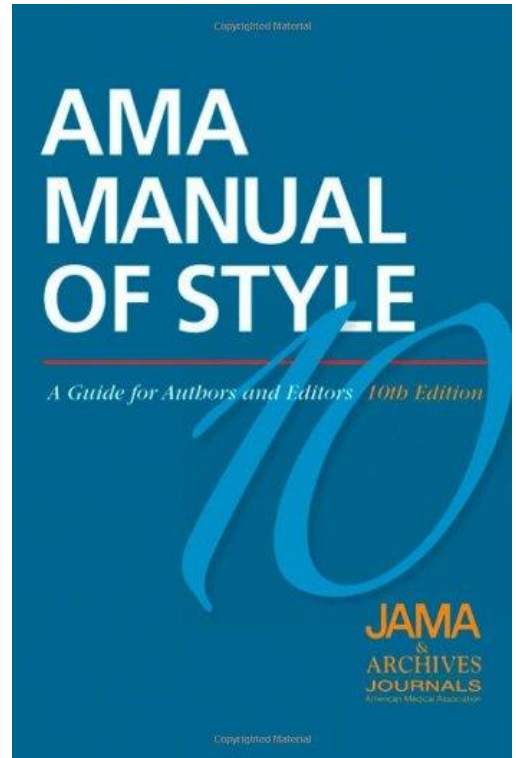
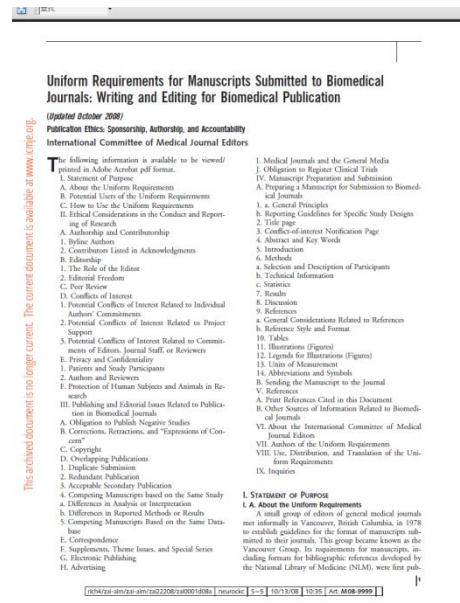
# 论文文体指南

## ● 医学

- [UR] ICMUE (International Committee of Medical Journal Editors). Uniform Requirements for Manuscripts Submitted to Biomedical Journals. Updated November 2008
- 生物医学期刊投稿的统一要求，国际医学期刊编辑委员会(ICMJE)组织编纂和修订。该体例最初由19种国际医学期刊的编辑于1978年1月在加拿大温哥华(Vancouver)集会并制定，全面且简明地阐述了作者和审稿人的(伦理)责任与行为准则、稿件的准备与投寄等。目前已有数千种生物医学类期刊遵循该“统一要求”。

- 其他的医学文体指南：

- [AMA] AMA Manual of Style: A Guide for Authors and Editors . 10<sup>th</sup> ed . Oxford University Press , 2007
- 美国医学会文体手册：作者、编辑指南
- Huth E J. Medical Style & Format: An International Manual for Authors, Editors, and Publishers . ISI Press, 1987
- 医学文体与格式：作者、编辑和出版者手册





# 中国学术规范建设：法规

- 1993年通过的《中华人民共和国科学进步法》，对于学术道德建设做出了法律表述。其中很多条款直接涉及学术诚信建设和规制学术不端行为。
- 第四十四条规定“科学技术研究开发机构应当按照章程的规定开展科学技术研究开发活动；不得在科学技术活动中弄虚作假”。
- 第五十五条规定“科学技术人员应当弘扬科学精神，遵守学术规范，恪守职业道德，诚实守信；不得在科学技术活动中弄虚作假”。
- 第五十七条规定“利用财政性资金设立的科学技术基金项目、科学技术计划项目的管理机构，应当为参与项目的科学技术人员建立学术诚信档案，作为对科学技术人员聘任专业技术职务或者职称、审批科学技术人员申请科学技术研究开发项目等的依据”。
- 第七十条规定“违反本法规定，抄袭、剽窃他人科学技术成果，或者在科学技术活动中弄虚作假的，由科学技术人员所在单位或者单位主管机关责令改正，对直接负责的主管人员和其他直接责任人员依法给予处分；获得用于科学技术进步的财政性资金或者有违法所得的，由有关主管部门追回财政性资金和违法所得；情节严重的，由所在单位或者单位主管机关向社会公布其违法行为，禁止其在一定期限内申请国家科学技术基金项目和国家科学技术计划项目。

# 中国学术规范建设：文件

- 科技部、教育部等相关政府部门在**学术规范**方面已经出台了一些政策措施。
- 1998年中国工程院颁布了《中国工程院院士科学道德行为准则》。
- 1999年科技部、教育部、中国科学院、中国工程院、中国科协 等机构就曾联合发布了《关于科技工作者行为准则的若干意见》。
- 2002年教育部出台了《关于加强学术道德建设的若干意见》。
- 2005年国家自然科学基金委员会颁发了《对科学基金资助工作中不端行为的处理办法(试行)》。
- 2006年科技部发布的《**国家科技计划实施中科研不端行为处理办法(试行)**》是以部门规章的形式发布的，是目前为止我国具有最高法律效力的专门的防治学术不端行为的政策。
- 2007年中国科学院发布了《**关于科学理念的宣言**》和《**关于加强科研行为规范建设的意见**》，中国科学技术协会发布了《**科技工作者科学道德规范(试行)**》。
- 2009年科技部、教育部、财政部、人力资源和社会保障部、卫生部、解放军总装备部、中国科学院、中国工程院、国家自然科学基金委员会、中国科学技术协会**十部门联合发布**《**关于加强我国科研诚信建设的意见**》。
- 2009年中国科协七届十一次常委会议又审议通过了《学会科学道德规范(试行)》。

# 中国学术规范建设：机构

- 2006年教育部成立了学风建设委员会。学风建设委员会是教育部社会科学委员会下设的专门委员会，是全国高校哲学社会科学学术规范、学术道德、学术风气建设的指导机构和咨询机构。
- 2007年科技部于成立了“科研诚信建设办公室”。
- 2007年科技部、教育部、中国科学院、中国工程院、国家自然科学基金委员会、中国科学技术协会等6部门建立科研诚信建设联席会议制度，共同抵制和严惩科研不端行为，指导全国科技界科研诚信建设工作。
- 2007年科技部成立科研诚信建设工作专家咨询委员会。
- 2009年教育部成立学风建设协调小组，协调小组下设社科类学风建设办公室和科技类学风建设办公室。

# 科技部科研诚信建设办公室

http://www.sinori.cn/jsp/index.jsp

## 中国科研诚信网

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- 有关机构

科研活动诚信指南 科研诚信知识读本

**科学网** ScienceNet.cn

### 工作动态

更多 >>

- 卫生计生委召开科研诚信和知识产权管理工作座谈会
- 科研诚信建设联席会议工作协调会召开
- 科技部：加强科研项目经费监管
- 中国科协科技工作者道德与权益专委会召开
- 中国科协举行“奋力实现中国梦”巡回报告活动专家座谈会
- 人文社会科学工作者研讨科研评价综合改革

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- 科研诚信相关出版物
- 科研诚信相关网络资源
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- 全国医药卫生期刊学术研讨会暨编辑伦理
- 国家卫生计生委就工作人员违反职业行为
- 两部门发通知叫停基因测序临床应用

### 科研诚信知识

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- 科研诚信新加坡声明
- 科研诚信蒙特利尔声明
- 欧洲科研诚信行为准则
- 科学研究与写作中的诚信
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- 【中国科学报】撤销120篇恶搞论文带
- 【中国青年报】研究生师徒关系困境如何
- 【法制晚报】北邮一院长冒领科研经费
- 【经济观察报】科研经费被“手术”专家

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- 学位论文可否拆分为期刊文章发表？（金

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# 中国学术规范建设：中美联合会议

- 2007年和2009年，中国科学技术协会与美国科学促进会两次共同召开会议研讨科研诚信和学术不端治理问题。
- 2009年双方代表一致同意成立科学道德联合指导委员会，以协调两协会在科学道德领域内的合作。
- 中国科协和美国科促会在联合声明中明确，联合指导委员会将鼓励政策制定者、科研人员、教师和学生开展合作，在与科研及科研应用相关的学术道德建设和知识应用方面取得两国均可利用的成果。



**中国科学技术协会**  
www.cast.org.cn

中国科协年会 学会建设 学术交流 讲比活动 科普惠农兴村  
全国科普日 全民科学素质纲要 视听科学 科学普及 中国科  
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首页 | 关于中国科协 | 领导机构 | 机关部门 | 要闻 | 工作动态 | 全国学会 | 地方科协 | 基层建设 | 科学博客 | 媒体

## 要 闻

### 中美科学道德联合指导委员会宣布成立

2010年06月30日

经讨论与磋商，中国科协与美国科学促进会（以下简称美国科促会）发表联合声明成立科学道德联合指导委员会，以协调双方在科学道德领域内的合作。

中国科协和美国科促会在联合声明中表示，联合指导委员会将鼓励政策制定者、科研人员、教师和学生开展合作，在与科研及科研应用相关的学术道德建设和知识应用方面取得两国均可利用的成果。

中国科协常务副主席、书记处第一书记邓楠表示：“相信中美科学道德联合指导委员会的成立将为中国两国科学家在科学道德领域的深入对话搭建新的平台，为科技进步作出贡献。”

美国科促会执行主任阿兰·莱什纳表示：“这一合作不仅将使中美两国科技界受益，合作所取得的共同成果也将会对其他国家在各自社会背景下的科学道德工作大有益处。”

联合指导委员会的成立将促进中美两国科学与工程界的关系进一步深化。2007年9月，莱什纳博士率美国科促会代表团出席中国科协与美国科促会在北京共同举办的科学家社会责任研讨会。在两天的会议当中，双方高层就联合出版及教育项目等达成共识。

2009年4月，中国科协与美国科促会又在美国加州圣迭戈市举行了为期3天的联合会议，双方探讨了在科学道德教育领域进一步推动新合作项目的可能性。两国学者和教育专家还就开展科学不端行为调查、科学道德教师交流、案例研究及编写科学道德实用手册等方面合作进行了交流和讨论。

联合指导委员会成员包括：

**中国科协**  
杨卫教授 中国科协第七届常委会科技工作者道德与权益专门委员会委员、浙江大学校长  
麦克教授 中国科协第七届全国委员会常务委员会委员、中国科协第七届常委会科技工作者道德与权益专门委员会委员、天津大学校长  
严纯华教授 中国科协第七届常委会科技工作者道德与权益专门委员会委员、北京大学稀土材料化学及应用国家重点实验室主任  
孙孟新 中国科协国际联络部副部长

# 中国学术规范建设：出版学术规范指南

- 2004年教育部社科委出台《高等学校哲学社会科学研究学术规范》。
- 2009年教育部社科委学风建设委员会组织编写的《高校人文社会科学学术规范指南》已由高等教育出版社出版发行。
- 2010年教育部科学技术委员会学风建设委员会组编写的《高等学校科学技术学术规范指南》已由中国人民大学出版社出版发行。
- 《高校人文社会科学学术规范指南》共有8节，在学术伦理层面，着重说明了人文社会科学学术研究者应具有的基本价值观和应具备的职业操守；在技术规范层面，着重介绍了人文社会科学学术研究的基本程序、技术标准和规则；在纪律和法律层面，则着重阐释了与人文社会科学学术研究有关的规章制度和法律条文，并针对现实情况说明了违法和违规行为将会产生的严重后果与不良影响。

# 中国学术规范建设：宣传读物

- 编写发行《科研活动诚信指南》和《科研诚信知识读本》等宣传读物，为科研活动的各个环节提供具有可操作性的科研诚信指南，力争为建设自主创新和创新型国家营造良好的学术道德和制度环境。
- 《学术规范与学风建设论坛》教育部社会科学委员会秘书处组织编写，高等教育出版社，2005.7
- 《科研活动诚信指南》科学技术部科研诚信建设办公室编写，科学技术文献出版社，2009.11
- 《科研诚信知识读本》科学技术部科研诚信建设办公室编写，科学技术文献出版社，2009.11
- 《科研活动道德规范读本（试用本）》中国科学院编写，科学出版社，2009.9
- 《学术诚信与学术规范》《学术诚信与学术规范》编委会编写，天津大学出版社，2011.9
- 《科学与诚信：发人深省的科研不端行为案例》中国科学院编写，科学出版社，2013.1

# 科研诚信：负责任的科研行为教程与案例（第3版）

书名：科研诚信：负责任的科研行为教程与案例（第3版）

原书名：Scientific Integrity: Text and Cases in Responsible Conduct of Research (Third Edition)

作者：（美）Francis L. Macrina

译者：何鸣鸿、陈越等

书号：978-7-04-032955-1

定价：¥38.00

出版时间：2011年7月

出版社：高等教育出版社

原出版社：ASM Press

原版在美国广受欢迎，是维护科研诚信，倡导负责任的科研行为之领域的一本最畅销著作，多次修订再版。很多大学和科研院所将它作为科研诚信和负责任科研行为的课程和讨论班教材。



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# 各大学纷纷出台学术道德规范

- 《清华大学教师学术道德守则》 (2003年)
- 《复旦大学学术规范及违规处理办法》 (2005年)
- 《四川大学学术道德规范》 (2006年)
- 《上海交通大学学术道德规范》 (2006年)
- 《陕西师范大学学术道德规范》 (2006年)
- 《首都师范大学学术道德规范》 (2007年)
- 《哈尔滨工业大学学术道德规范》 (2009年)
- 《浙江大学学术道德行为规范》 (2009年)
- 《中山大学学术道德规范》 (2010年)



# 南开大学成立学风建设委员会专人监管学术腐败

- 2010年南开大学成立学风建设委员会。学风建设委员会中没有学校领导和职能部门负责人，这个完全由资深学者构成的组织，将成为专门监管学术不端、学术腐败问题的指导、咨询和甄别机构。
- 2010年南开大学通过了《南开大学学风建设委员会章程》。《章程》中指出，学风建设委员会是南开大学学术委员会下设的专门委员会，而学术委员会则是处理学术不端行为的最高学术评判机构。



- 学风建设委员会的职能为：制定加强学风建设、惩处学术不端行为的基本准则、实施细则等相关文件和政策。针对学校学术失范、学术不端行为，委员会将通过组织调研、专家鉴定、召开听证会等方式，充分发挥专家作用，加强惩处行为的权威性、科学性。

# 教育部发布《关于对学位论文作假行为暂行办法》

- 2012年7月16日，教育部发布《关于对学位论文作假行为暂行办法》，办法提到如果发现学位论文造假或抄袭，立即取消学位申请资格或者撤销学位，3年内不得再接受其学位申请

.....

中华人民共和国教育部  
Ministry of Education of the People's Republic of China

政务之窗 | 机构设置 | 信息公开 | 新闻发布 | 公报公告 | 统计数据 | 政府采购 | 专题专栏 | 信息化 | 人事任免  
服务大厅 | 行政许可 | 办事公开 | 项目指南 | 招生考试 | 就业指导 | 名单查询 | 学历查询 | 学历认证 | 学位查询  
互动平台 | 部长信箱 | 政策咨询 | 专家答疑 | 政策解读 | 征求意见 | 在线访谈 | 热线电话 | 语音开发 | 移动应用

### 关于对学位论文作假行为的暂行办法

(征求意见稿)

【浏览字体：大 中 小】 2012-07-16 来源：教育部

第一条 为规范学位论文管理，严肃处理学位论文作假行为，推进建立良好学风，提高人才培养质量，根据《学位条例》、《高等教育法》，制定本办法。

第二条 学位申请者向学位授予单位申请学士、硕士、博士学位所提交的学位论文，出现买卖、代写或者抄袭、剽窃等作假情形的，依照本办法的规定处理。

学位论文包括学位申请者向学位授予单位申请相应学位所提交的博士学位论文、硕士学位论文、本科毕业生论文。

第三条 学位申请者应当恪守学术道德和学术规范，在指导教师指导下独立完成学位论文。

第四条 指导教师应当对学位申请者进行学术道德、学术规范教育，对其学位论文研究和撰写过程予以指导，对学位论文是否由其独立完成进行审查。

第五条 学位授予单位应当健全学位论文审查制度，明确责任、规范程序，审核学位论文的真实性、原创性。

第六条 学位申请者的学位论文出现购买、他人代写、或者抄袭、剽窃等作假情形的，取消其学位申请资格；已经获得学位的，依法撤销其学位。取消学位申请资格或者撤销学位的，从处理决定之日起3年内，各学位授予单位不得再接受其学位申请。

前款规定的学位申请者为在读学生的，由学位授予单位视情节轻重给予记过以上处分；为在职人员的，由学位授予单位通报其所在单位。

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## 新闻

首页 | 新闻 | 博客 | 群组 | 人才 | 会议 | 论文 | 基金 | 科普 | 小白鼠

作者：杜晓 来源：法制日报 发布时间：2012-7-26 14:44:50 选择字号： 大 中 小

### 教育部史上最严学位论文作假处理办法引关注

#### 关注理由

教育部起草的《关于对学位论文作假行为暂行办法》自本月16日起至8月16日向社会公开征求意见。此办法被舆论认为是“史上最严厉”的学位论文作假处理办法，在赢得一片叫好声的同时，也引起人们对实施情况的担忧。

近些年，各高校学位论文的学术规范教育和审查渐渐从严，然而并没能彻底阻止“天下文章一大抄”的风气盛行，“注水学位论文”仍在批量问世。由此看来，法度严明固然重要，实际执行时有法必依、执法必严、违法必究，保持法度的严肃有效才是根本。

迄今为止，关于学位论文造假最严厉的惩罚制度即将面世——近日，教育部在其网站上公布了《关于对学位论文作假行为暂行办法(征求意见稿)》，其中规定：出现论文作假的学生将被取消学位申请资格或撤销学位，3年内不得再申请学位；指导教师未尽到学术道德和学术规范教育、论文指导和审查把关等职责，将视情况给予暂停招生、取消指导资格、处分直至解聘等处理；出现多起学位论文作假的学位授予单位，将被停止或者撤销其授予学位资格，招生名额也将被核减，负有直接管理责任的学位授予单位负责人将被问责。

分析人士认为，学位论文造假已经成为公开的秘密，此次出台如此严厉的处罚规定，究竟能收到多大的成效，尚有待实践检验。

#### 抄得太急连名字都抄上去了

随着我国近年来本科以上各级教育规模的扩大，尤其是硕士博士的扩招，学位论文造假之风愈演愈烈。

“没有办法啊，就业压力太大，实在没心思写论文，再说了，毕业论文写得再好，又有什么用呢？能帮助你找到一份满意的工作吗？连工作都没有，其他都免谈。”北京一所高校已经毕业的硕士郑霄对《法制日报》记者说。

郑霄的导师在他上研究生二年级那年就出国了，直到毕业他也未曾再见面一面。

“我的硕士论文是由其他导师代为指导的，人家也有自己的学生，想起来了就给你打个电话问问论文的事。”郑霄说，在找工作最紧张的时候，他经常睡不着觉，论文的事情更是被抛到了九霄云外。

“如果负责我们论文的老师打电话来问了，就想起写论文的事来了。说是去‘写’，其实就是从网

# 关于认真审核国家社科基金项目结项材料的通知

全国哲学社会科学规划办公室 2013年9月12日

- 1. 审核阶段性研究成果。逐项核实课题组的主要阶段性成果，对于填报立项之前发表的成果或与项目研究主题无直接联系的成果，虚构成果名称、发表刊物、刊物期数或作者署名情况的，应当提出严肃批评，并要求项目负责人重新填报。
- 2. 审核最终成果的形式和内容。重点审查成果的形式和内容是否符合预期研究目标，**引文、注释和参考文献是否规范，必要时可利用查重软件进行检测**，对存在引用其他成果却未按规范标注的，必须退回修改。以博士论文或博士后出站报告为基础申报的项目，审查结项成果是否在原文基础上有实质性修改，**是否提供了二者之间区别和联系的纸质说明以及原论文（报告）电子版文件。**



# 《国家自然科学基金项目科研不端行为处理办法（草案）》

（2014年1月23日立法工作小组修改）

- 第一章 总 则

- 第一条【立法目的】为了规范和加强国家自然科学基金项目科研不端行为的处理，维护国家自然科学基金（以下简称科学基金）的公正性和科学工作者的权益，推动科学道德建设，促进科学基金事业健康发展，根据《国家自然科学基金条例》制定本办法。

- 第二条【适用范围】本办法适用于各类科学基金项目在申请、受理、评审以及实施等管理活动中发生的伪造、篡改和剽窃等违背科学共同体公认的行为准则且违反科学基金法规、规章以及规范性文件规定的行为。

- 第三条【主要职责】国家自然科学基金委员会（以下简称自然科学基金委）在科学基金项目科研不端行为处理中履行以下职责：

- （一）受理对科研不端行为投诉或举报；
- （二）组织开展对科研不端行为调查；
- （三）作出对科研不端行为处理决定；
- （四）执行对科研不端行为处理决定；
- （五）其他职责。



# 教育部《博士硕士学位论文抽检办法》

- 2014年3月17日教育部网站公布的《博士硕士学位论文抽检办法》，我国将从上一学年度全国授予博士、硕士学位的论文中分别抽检10%和5%，结果将反馈学位授予单位，并在一定范围内采取适当形式公布。
- 国务院学位委员会、教育部还同时公布《关于加强学位与研究生教育质量保证和监督体系建设的意见》和《学位授权点合格评估办法》。



### 3、学术规范基本要求

- 学术诚信首先是对科学工作者最起码的社会规范，它要求人们在社会交往中讲究信义，不欺人欺己，注意塑造诚信的道德品格。同时，学术诚信也是对法律规约的诚信，是学术共同体中每一个成员必须遵循的道德义务。



# 学术规范基本要求

- 以教育部、科技部等部门制定的学术规范为基础，根据学术研究的基本顺序，对原始文献的获取、尊重原创成果、学术成果的呈现、学术成果的评价等方面的规范进行归纳为10点基本要求。
- **1、从事学术研究应在充分掌握原始文献和第一手资料的基础上进行，不得虚构、篡改文献和数据，不得伪造注释。严禁学术造假行为。**
- （1）尽量全面掌握原始文献、资料和数据，对资料的分析、使用应客观、准确，不得根据主观需要对资料片面取舍。
- （2）科学实验应合理设计并按照程序进行，应详细、准确记录实验的过程及相关数据，保证其完整、真实和可靠，以备查考。
- （3）学术研究应以使用原始文献和第一手资料为原则。
- （4）不得提供虚假的文献引用证明、捏造数据或结果、破坏原始数据的完整性、篡改数据、片面选取符合自己设想的研究结果、舍弃与设想矛盾的研究结果等。

# 学术规范基本要求

- 2、应尊重和维护研究对象的正当权益，必须遵守国家相关的法律法规，并且不违背社会伦理道德的要求。
- （1）在涉及以人为对象的研究中，研究计划应事先通过主管部门或国家授权的管理机构的审查和批准，实验必须由具有资质的人员来操作，不得侵犯被试人的生命权、隐私权、知情同意权等合法权益。
- （2）在涉及以动物为对象的研究中，动物的福利应当得到维护，不得无故虐待动物，或使之受到不必要的伤害。
- （3）实验还应考虑环境的承受能力，不应以破坏环境为代价。
- 3、学术研究须以原创为原则，体现作者本人独立的观点、视角或者方法等。禁止以任何方式抄袭、剽窃他人学术成果。

# 学术规范基本要求

- 4、学术研究应合理借鉴已有研究成果。凡借鉴或使用他人观点、论断、命题、方案、数据、图表、公式等，不论是否已经发表，也不论是纸质出版物、电子文档或口头宣讲等其他形式，均应规范引用或注释。
- （1）引用他人成果须注明其真实出处，并尽可能追溯到该成果的原创者。引用未公开发表的论著、观点、心得体会、口语实录等应征得原作者同意和授权，并保障作者权益。
- （2）引用、评介他人成果应尊重原意，应力求客观、准确、公允，不能根据自身研究需要选取，而忽视原作者的真实观点与思想。尤其不能断章取义，形成歪曲原意的解释，或通过片面引用，达到自身目的。
- （3）引用或注释的内容不应取代研究者本人的论述而构成研究成果的主体或核心。

# 学术规范基本要求

- 5、学术成果的署名应真实地反映参与研究者的实际情况。
- 6、尊重出版者按照合同约定享有的专有出版权，不能擅自将成果重复发表。
- 7、学术评论和介绍应坚持客观、公正、公开的原则，不得故意歪曲评估对象的思想内容，不得故意夸大或贬低其价值。
- 8、在各种项目和成果的推荐、评审、论证、鉴定、答辩和评奖等活动中，申报者应如实地提供个人相关信息，不得以虚构学术经历、捏造学术成果、伪造专家意见、夸大学术成果价值等提供虚假信息的方式以及向主持评审的机构和个人行贿等其他不正当方式影响活动结果。

# 学术规范基本要求

- 9、项目和成果的评审、鉴定等活动的组织者、推荐者、评审专家等有关机构和个人应坚持客观公正的标准，遵照既定程序，正确行使其权力，不得有违反程序泄露评审专家信息、泄露评审意见、泄露或窃取被评审者的原创成果、收受被评审者任何形式的报酬等不当行为。评审专家与评审对象有利害关系，可能影响评审的公正性的，应当申请回避。
- 10、禁止违反国家与相关部门有关保密的法律、规定或研究主体间有关保密的协定，对外泄露应保密的数据、实验程序、学术成果或相关事项。



# 4、学术道德论文撤稿案例分析

## ——发表论文的道德准则

# 为什么要发表论文？

- 发表研究成果是科研过程中不可或缺的重要环节.....
- 今天的科研工作者始终处于发表更多文章的压力下（为了争取经费、职业发展，等等原因）但我们不能制造无用的垃圾.....
- 没有的科学意义报道
- 过时的工作
- 重复已有的研究
- 错误、不合理的结论
- .....

# 为什么要发表论文？

- **Publish or perish (发表或者灭亡)**
  - 科研成果：如果没有发表，就等于不曾存在；
  - 科研人员：没有论著发表，职业生涯将难以为继
- **There are three necessary steps in useful research: the first to begin it, the second to end it and the third to publish it.**

—— M. Faraday



# 一篇优秀的学术论文的发表过程

“科学研究的过程同时也是科学信息积累与交流的过程”



知识是积累性的，人类历史上每一次突破性的重大发现在很大程度上都是前人研究成果的继续延伸。——引自*Yale Bulletin and Calendar*

2000年29 (34)卷

# 近二十年论文撤稿率上升10倍

《泰晤士高等教育》（*Times Higher Education*）2009年与汤姆森路透合作进行的一项分析显示，过去20年来，学术期刊撤稿率增加了10倍左右

## The rise of retractions in science – more misconduct or stiffer scrutiny?

20 AUGUST 2009

Data provided by Thomson Reuters from its Web of Science database, January 1990-July 2009

Year	Retracted articles	Total articles
2009 through July	106	892,227
2008	95	1,437,339
2007	65	1,270,656
2006	59	1,224,567
2005	21	1,315,722
2004	15	1,075,402
2003	23	1,115,193
2002	13	975,480
2001	3	1,000,074
2000	9	956,827
1999	23	974,644
1998	15	960,138
1997	18	927,833
1996	8	903,841
1995	16	854,909
1994	12	798,498
1993	14	754,594
1992	8	741,836
1991	3	695,858
1990	5	689,752

The editor of *Stem Cells and Development* recently announced the retraction of a paper concerning the production of human sperm from embryonic stem cells after he found that the identities had been

PRINT  
EMAIL  
SHARE

研究人员统计了1990年以来同行评议期刊每年发表论文数以及撤稿数。统计显示，近20年发表的论文数发生了翻番，而论文撤稿数也增加了20倍左右。

可能的原因：期刊审查力度的加大、学术不端检测技术的进步以及研究人员迫于发表压力而增加学术不端行为等



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'Publish or perish' factor in spiralling retractions

## Retractions up tenfold

20 AUGUST 2009

'Publish or perish' factor in withdrawal of science papers. Zoe Corbyn reports

The rate at which scientific journal articles are being retracted has increased roughly tenfold over the past two decades, an exclusive analysis for *Times Higher Education* reveals.

Growth in research fraud as a result of greater pressure on researchers to publish, improved detection and demands on editors to take action have been raised as possible factors in the change.

The study, by the academic-data provider Thomson Reuters, follows the retraction last month of a paper on the creation of sperm from human embryonic stem cells.

The paper, written by researchers at Newcastle University, was withdrawn by the *Stem Cells and Development journal* following its discovery that the paper's introduction was largely plagiarised.

The Thomson Reuters analysis charts the number of peer-reviewed scientific-journal articles produced each year from 1990 and the number of retractions.

It shows that over nearly 20 years the number of articles produced has doubled, but the number of retractions - still a small fraction of the literature - has increased 20 times. This is equal to a tenfold increase, factoring in the growth of articles.

The data are extracted from the Thomson Reuters Web of Science citation database, and apply to the journals covered by its *Science Citation Index Expanded*.

Whereas in 1990, just five of the nearly 690,000 journal articles that were produced worldwide were retracted, last year the figure was 95 of the 1.4 million papers published.

The growth has been particularly pronounced in the past few years, even factoring

# 《纽约时报》头版长篇报道中国学界欺诈

- 2010年10月7日，《纽约时报》以《猖狂的欺诈威胁着中国的快速发展》（Rampant Fraud Threat to China's Brisk Ascent）一文描述了以中国学术界为主的各行业的各种欺诈现状。
- 在以“缺乏诚信”（A Lack of Integrity）为标题的阐述中，文章指出诚信缺乏正在影响研究人员之间的科研合作，论文写作和引用中的抄袭和造假十分严重
- 文章概要：**诚信缺失、剽窃与造假、肆无忌惮**

## The New York Times

October 6, 2010

Rampant Fraud Threat to China's Brisk Ascent

By ANDREW JACOBS

BEIJING — No one disputes Zhang Wuben's talents as a salesman. Through television shows, DVDs and a best-selling book, he convinced millions of people that raw eggplant and immense quantities of mung beans could cure lupus, diabetes, depression and cancer.

For \$450, seriously ill patients could buy a 10-minute consultation and a prescription — except Mr. Zhang, one of the most popular practitioners of traditional Chinese medicine, was booked through 2012.

But when the price of mung beans skyrocketed this spring, Chinese journalists began digging deeper. They learned that contrary to his claims, Mr. Zhang, 47, was not from a long line of doctors (his father was a weaver). Nor did he earn a degree from Beijing Medical University (his only formal education, it turned out, was the brief correspondence course he took after losing his job at a textile mill).

中国在建立世界级教育体系和发展具有科学与工业竞争优势的前沿研究上取得了让人瞩目的成就，但科研诚信缺失却正在阻碍中国的发展潜力，并威胁着国际科研合作。文章引用率指标带来的压力，催生出一大堆抄袭和造假的文章。

# 调查显示全球学术不端行为普遍

- 近几年，各国媒体不断曝光科研人员学术作假行为。英国一项最新调查发现，科研学术不端行为可能远比人们想像得严重，近半数科研人员表示知道自己的同事存在学术不端行为。
- 爱丁堡大学丹学者在等人在《科学公共图书馆·综合》上介绍说，对1986年至2005年间进行的21项学术不端行为调查进行了统计分析。
- 结果发现，有1/7的科学家坦言他们知道同事有严重违反学术规范的行为，比如伪造科研成果等。大约46%的科学家报告说，自己某些同事在学术研究中的行为“值得质疑”，比如“有选择性地”报告研究数据、迫于研究资助方的压力修改研究结论等。

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PLoS one

## How Many Scientists Fabricate and Falsify Research? A Systematic Review and Meta-Analysis of Survey Data

Daniele Fanelli\*

INNOGEN and ISSI-Institute for the Study of Science, Technology & Innovation, The University of Edinburgh, Edinburgh, United Kingdom

### Abstract

The frequency with which scientists fabricate and falsify data, or commit other forms of scientific misconduct is a matter of controversy. Many surveys have asked scientists directly whether they have committed or know of a colleague who committed research misconduct, but their results appeared difficult to compare and synthesize. This is the first meta-analysis of these surveys. To standardize outcomes, the number of respondents who recalled at least one incident of misconduct was calculated for each question, and the analysis was limited to behaviours that distort scientific knowledge: fabrication, falsification, “cooking” of data, etc... Survey questions on plagiarism and other forms of professional misconduct were excluded. The final sample consisted of 21 surveys that were included in the systematic review, and 18 in the meta-analysis. A pooled weighted average of 1.97% (N = 7, 95%CI: 0.86–4.45) of scientists admitted to have fabricated, falsified or modified data or results at least once – a serious form of misconduct by any standard – and up to 33.7% admitted other questionable research practices. In surveys asking about the behaviour of colleagues, admission rates were 14.12% (N = 12, 95% CI: 9.91–19.72) for falsification, and up to 72% for other questionable research practices. Meta-regression showed that self reports surveys, surveys using the words “falsification” or “fabrication”, and mailed surveys yielded lower percentages of misconduct. When these factors were controlled for, misconduct was reported more frequently by medical/pharmacological researchers than others. Considering that these surveys ask sensitive questions and have other limitations, it appears likely that this is a conservative estimate of the true prevalence of scientific misconduct.

Citation: Fanelli D (2009) How Many Scientists Fabricate and Falsify Research? A Systematic Review and Meta-Analysis of Survey Data. PLoS ONE 4(5): e5738. doi:10.1371/journal.pone.0005738

Editor: Tom Tregenza, University of Exeter, United Kingdom

## 《PLoS综合》发表论文

不过，接受调查的科学家谈及自己的职业操守时，只有2%的人承认自己也曾不同程度伪造实验结果。

# 发表论文的道德准则：案例分析

# 发表论文的道德准则

- 在西方国家，几个主要的学术机构，如英国皇家学会，美国化学学会等，都有详细的条文。每一个科学家都应该读一下。关于重复发表科研结果，英国皇家化学学会的道德准则是这样阐述的。
- 不要过多地发表论文。这种情况是指两篇或多篇论文在互相不引用的情况下，合用相同的假定，数据，讨论要点或者结论。已经发表的论文摘要或会议文集预印本不影响以后的投稿。但是在投稿时应说明全部情况。用另一种语言重新发表论文是可以接受的，只要在投稿时完全地，显著地说明稿子的原始来源。
- 因此，我们可以看到，重复发表科研结果并不是完全不可以，而是必须做得规范。比如，论文一经发表，通常其版权属于出版社。作者必须申明论文稿子未发表，也不再投寄其它期刊发表。如果，一稿两投显然违反了这个承诺。但是，如果不涉及到版权问题，又能注明原始文稿的来源，则是被允许的。

# 发表论文的道德准则

违反学术道德的行为“可导致稿件被拒，甚至造成作者被禁止在这份期刊上发表任何文章”

Terry M. Phillips, Editor, Journal of Chromatography B

## ● 违反学术道德的行为有：

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- 自我剽窃
- 香肠论文
- 捏造和篡改数据
- 陈述失实
- 实验造假
- 诈骗
- 研究中对人和动物的运用不当
- 作者署名不当

# 经济学与商学领域共有1470名科学家进入全球前1%

## 施莱弗 (SHLEIFER A)

### 哈佛大学经济学教授

经济学论文总被引  
频次全球排名第一

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16		<a href="#">PENG, MW</a>	48	1,792	37.33
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数据来源汤姆森路透的ESI

统计时间为2003年1月1日至2013年12月31日的SCI、SSCI数据



# 经济学与商学领域共有1470名科学家进入全球前1%

## 施莱弗 (SHLEIFER A) 哈佛大学经济学教授

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1 - 13 (of 13) Page 1 of 1

1 Citations: 342

**Title:** DO INSTITUTIONS CAUSE GROWTH?

**Authors:** LA PORTA R; SHLEIFER A; GLAESER EL; LOPEZ-DE-SILANES F

**Source:** [J ECON GROWTH](#)  
9 (3): 271-303 SEP 2004

**Addresses:** Yale Univ, New Haven, CT 06520 USA; Dartmouth Coll, Hanover, NH 03755 USA; Harvard Univ, Cambridge, MA 02138 US

**Field:** [ECONOMICS & BUSINESS](#)

2 Citations: 274

**Title:** THE REGULATION OF LABOR

**Authors:** LA PORTA R; BOTERO JC; SHLEIFER A; DJANKOV S; LOPEZ-DE-SILANES F

**Source:** [QUART J ECON](#)  
119 (4): 1339-1382 NOV 2004

**Addresses:** Natl Bur Econ Res, Cambridge, MA 02138 USA; Yale Univ, New Haven, CT 06520 USA; Dartmouth Coll, Hanover, NH 03755 USA; Harvard Univ, Cambridge, MA 02138 USA; World Bank, Washington, DC 20433 US

**Field:** [ECONOMICS & BUSINESS](#)

3 Citations: 270

**Title:** WHAT WORKS IN SECURITIES LAWS?

**Authors:** LA PORTA R; SHLEIFER A; LOPEZ-DE-SILANES F

**Source:** [J FINAN](#)  
61 (1): 1-32 FEB 2006

**Addresses:** Dartmouth Coll, Tuck Sch Business, Hanover, NH 03755 USA; Harvard Univ, Cambridge, MA 02138 USA; Univ Amsterdam, NL-1012 WX Amsterdam, Netherland.

Shleifer是当今最年轻和最  
有影响力的经济学家之一  
他参与1990年代俄罗斯股票  
与证券市场改革，并且卷入  
其中的内幕交易。后来哈佛  
大学和Shleifer本人都被美  
国政府起诉，哈佛大学和  
Shleifer因此被迫付出了共  
超过3千万美元的罚金。  
2006年一篇How Harvard  
lost Russia的文章详细地讲  
述了这个故事

# 汤姆森路透Web of Science收录文献类型——更正

- 在SCI数据库中经常会发现有撤消论文（Retraction notice）的更正。更正、勘误是Web of Science收录的主要文献类型。如果作者发表文章被发现**编造或伪造数据、陈述失实、剽窃、或者重复发表（repetitive publication）、多余发表（redundant publication）**，期刊会刊登撤消论文的声明。读者会发现被撤消论文在SCI数据库有2条收录数据，1条为论文收录数据，另1条为论文撤消更正数据。
- **需要说明的是撤消论文（Retraction notice）的更正并不全部是剽窃等问题，有些作者发现原发表论文中的某个数据不完善，也会自己主动要求期刊发表撤消论文的更正。**
- **2012年SCI数据库收录了文章中至少有一位美国作者的1408条更正（CORRECTION）信息，收录了文章中至少有一位中国作者的541条更正（CORRECTION）信息。**
- 所以说，SCI的引进有助于改变中国特色的学术标准并与国际学术界接轨，建立学术规范。

# 汤姆森路透Web of Science收录文献类型——更正

The screenshot shows the Web of Science search interface. At the top, the 'WEB OF SCIENCE™' logo is on the left, and the 'THOMSON REUTERS™' logo is on the right. Below the logo, there is a search bar with the text '检索' and 'Web of Science™ 核心合集'. To the right of the search bar are links for '我的工具', '检索历史', and '标记结果列表'. Below the search bar, there is a message: '欢迎使用全新的 Web of Science! 查看快速入门教程。'

The main search area has a '基本检索' dropdown menu. Below it, there is a list of document types: 'Chronology', 'Correction', 'Correction, Addition', and 'Dance Performance Review'. The 'Correction' option is highlighted in blue. To the right of this list is a dropdown menu labeled '文献类型'. Below the document type list, there is a search criteria section with 'AND' selected, a date range of '2014-2016', and a '出版年' dropdown menu. A '检索' button is located to the right of the search criteria.

On the right side of the screenshot, there is a large orange text overlay that reads: '字段选择: 文献类型' and '再选择更正 (CORRECTION)'. Above the first line of this text, there is a small blue text link: '单击此处获取有关改善检索的建议。'

Below the search area, there is a '时间跨度' section with a radio button selected for '所有年份'. Below that, there is a section for '更多设置' with several checkboxes for different databases and indices. At the bottom, there is a section for '默认情况下显示的检索字段数' with a dropdown menu set to '1 个字段 (主题)'. A note at the very bottom says: '(要永久保存这些设置, 请登录或注册。)'

# 汤姆森路透Web of Science收录文献类型——更正

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4. On the field of definition of a cubic rational function and its critical points (vol 167, pg 1, 2016)  
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JOURNAL OF NUMBER THEORY 卷: 169 页: 439-440 出版年: DEC 2016  
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5. Droplet assisted laser micromachining of hard ceramics (vol 36, pg 2689, 2016)  
作者: Lopez, Jose Manuel Lopez; Bakrania, Alan; Coupland, Jeremy; 等  
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INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS 卷: 83 页: 601-601 出版年: DEC 2016  
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SCI更正记录

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### Air-water interfacial properties of enzymatic wheat gluten hydrolyzates determine their foaming behavior (vol 55, pg 155, 2016)

作者: Wouters, AGB (Wouters, Arno G. B.)<sup>1</sup>; Rombouts, I (Rombouts, Ine)<sup>1</sup>; Legein, M (Legein, Marie)<sup>1</sup>; Fierens, E (Fierens, Ellen)<sup>1</sup>; Brijs, K (Brijs, Kristof)<sup>1</sup>; Blecker, C (Blecker, Christophe)<sup>2</sup>; Delcour, JA (Delcour, Jan A.)<sup>1</sup>

FOOD HYDROCOLLOIDS  
卷: 61 页: 956-957  
DOI: 10.1016/j.foodhyd.2016.06.014  
出版年: DEC 2016  
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类别 / 分类  
研究方向: Chemistry; Food Science & Technology  
Web of Science 类别: Chemistry, Applied; Food Science & Technology

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### Food Hydrocolloids

Volume 61, December 2016, Pages 956–957

Corrigendum

### Corrigendum to "Air-water interfacial properties of enzymatic wheat gluten hydrolyzates determine their foaming behavior" [Food Hydrocoll. 55C (2016) 155–162]

Arno G.B. Wouters<sup>\*</sup>, Ine Rombouts<sup>†</sup>, Marie Legein<sup>†</sup>, Ellen Fierens<sup>†</sup>, Kristof Brijs<sup>†</sup>, Christophe Blecker<sup>†</sup>, Jan A. Delcour<sup>†</sup>  
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Food Hydrocolloids, Volume 55, April 2016, Pages 155-162  
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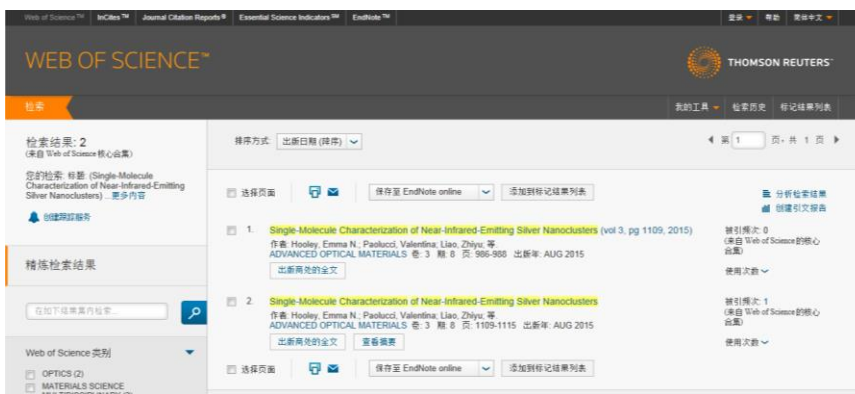
The authors wish to express that, upon performing follow-up experiments to this work, we have noticed an error in the content of our paper. However, we'd like to stress that, although a correction seems the appropriate measure, the main conclusions of the paper remain unaltered.

More specifically, the error has consequences for 2 Figures and some sentences in paragraph 3.3 ("Adsorption kinetics to the air-water interface"). In Fig. 4, only a minor adaptation in the x-axis is necessary. The x-axis title should say "Drop formation time (ms)" instead of "Drop formation time (log ms)". In Fig. 5B, the slopes of the decrease in surface tension as a function of time are incorrect. Consequently, the correct values would affect some statements in paragraph 3.3 (more specifically, some of the correlations, as the reported values are incorrect), but do not impact the overall conclusions of our paper. A new version of Figure 5 is given below, as well as the complete paragraph 3.3, which is largely the same as in the original manuscript, but for the sake of clarity, is repeated here.

## 在对这项工作进行后续实验时, 注意到了本文内容的, 提出了更正, 但主要结论仍然没有改变

# 更正:作者发现原发表论文中的某个数据不完善

- 作者感到遗憾的是因为在他们发表的手稿数字是不正确的。修正后的数字和字幕现在在这里提供,并已经作出的更改的简短说明。作者证实这些变化不会影响文章的结论。



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Home > Materials Science > General & Introductory Materials Science > Advanced Optical Materials > Vol 3 Issue 8 > Abstract

## ADVANCED OPTICAL MATERIALS

Correction

### Single-Molecule Characterization of Near-Infrared-Emitting Silver Nanoclusters

Emma N. Hooley, Valentina Paolucci, Zhiyu Liao, Miguel R. Carro Temboury and Tom Vosch

Article first published online: 26 MAY 2015  
DOI: 10.1002/adom.201500249  
© 2015 WILEY-VCH Verlag GmbH & Co. KGaA, Weinheim

Issue  
Advanced Optical Materials  
Volume 3, Issue 8, pages 986-988, August 2015

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This article corrects:  
Single-Molecule Characterization of Near-Infrared-Emitting Silver Nanoclusters  
Vol. 3, Issue 8, 1109-1115, Article first published online: 17 APR 2015

Abstract | Article | Cited By

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The authors regret that the figures in their manuscript were not correct as published. The corrected figures and captions are now provided here, along with a short explanation of the changes that have been made. The authors confirm that these changes do not affect the conclusions of the article.

In Figures 1B and 2B, the x,y values and binning have been corrected.

Figure 1. A typical fluorescence trace of a single C24-AgNC in PVA showing a) fluorescence decay time calculated every 10 000 photons, b) emitted photons over time in 10 ms bins, c) photon correlation plot of the whole trace (b) showing photon antibunching, and d) a histogram of average fluorescence decay times, fitted with a Gaussian function centered around 2.7 ns.

Figure 2. A typical fluorescence trace of a single C24-AgNC in PVA showing a) emission spectra collected every 10 s, b) emitted photons over time in 10 ms bins, c) photon correlation plot of the whole trace (b) showing photon antibunching, and d) a histogram of average emission maxima overlaid with the bulk emission spectrum (red).

In Figure 3B, the y values have been corrected and the data has been re-plotted with the corrected survival times. In Figure 3C, the y values have been corrected and the data has been re-plotted with the corrected intensities. Figure 3D shows the corrected histogram of the data in panel C. Due to these corrections, a small section of the main text must also be updated. At the bottom of the third page, in the right column, the text should now read:

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# 负责任的科研行为：作者主动撤销的论文



Sensors and Actuators B: Chemical

Volume 234, 29 October 2016, Pages 167–175



RETRACTED: Using silica molecular sieve modified  $\text{Fe}_3\text{O}_4$  particles as supporting matrix for oxygen sensing: Construction, morphology, characterization and sensing performance

Zhong-cun Bao<sup>a</sup>, Zeng-guo Feng<sup>a</sup>,  , Wei Wong<sup>b</sup>

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This article has been retracted: please see Elsevier Policy on Article Withdrawal (<http://www.elsevier.com/locate/withdrawalpolicy>).

This article has been retracted jointly at the request of the Authors, Zhong-cun Bao, Zeng-guo Feng and Wei Wong. This paper has been withdrawn following disclosure by the authors of errors in the article resulting from an experimental oversight. Specifically that in performing the experimental measurements outlined the excitation lamp and its associated detector used for sample DPBF degradation had not been properly zeroed; with the result that there was interference in the observed absorption decrease. The Authors upon recognizing this error notified the Editor and the Publisher immediately in full accordance with their responsibilities. The Authors recognize this oversight and both they and the Publisher would like to apologize for any and all inconvenience caused. The Publisher and the Editor would like to thank the Authors for their due diligence in this matter.

- 检测仪器没有被正确地归零，其结果是被干扰。
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# SCI收录文献类型——更正

- 检索2012年的SCI数据库发现题目中有（Retracted Article或者Notice of retraction）的文章有164篇（其中中国42篇、美国24篇）。

The screenshot shows the Web of Science search results page. At the top, the logo for Web of Science and Thomson Reuters is visible. The search results are displayed in a list format, with 164 results found. The results are sorted by publication date in descending order. The first five results are shown, each with a checkbox, a title, author information, journal information, and a citation frequency. The titles of the first five results are: 1. Profiling the different needs and expectations of patients for population-based medicine: a case study using segmentation analysis (Retracted article. See vol. 13, 180, 2013); 2. Chemical Densification of Plasma Sprayed Yttria Stabilized Zirconia (YSZ) Coatings for High Temperature Wear and Corrosion Resistance (Retracted article. See vol. 267, pg. 229, 2013); 3. Luminal B tumors are the most frequent molecular subtype in breast cancer of North African women: an immunohistochemical profile study from Morocco (Retracted article. See vol. 8, pg. 127, 2013); 4. Opportunities and challenges of disease biomarkers: a new section in the journal of translational medicine (Retracted article. See vol. 11, 144, 2012); 5. Modeling and Fault Monitoring of Bioprocess Using Generalized Additive Models (GAMs) and Bootstrap (Retracted article. See vol. 21, pg. 270, 2013).

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BMC HEALTH SERVICES RESEARCH 卷: 12 文献号: 473 出版年: DEC 21 2012  
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3. **Luminal B tumors are the most frequent molecular subtype in breast cancer of North African women: an immunohistochemical profile study from Morocco (Retracted article. See vol. 8, pg. 127, 2013)**  
作者: El Fatemi, Hinde; Chahbouni, Sanae; Jayi, Sofia; 等  
DIAGNOSTIC PATHOLOGY 卷: 7 文献号: 170 出版年: DEC 7 2012  
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4. **Opportunities and challenges of disease biomarkers: a new section in the journal of translational medicine (Retracted article. See vol. 11, 144, 2012)**  
作者: Wang, Xiangdong; Ward, Peter A.  
JOURNAL OF TRANSLATIONAL MEDICINE 卷: 10 文献号: 240 出版年: DEC 5 2012  
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5. **Modeling and Fault Monitoring of Bioprocess Using Generalized Additive Models (GAMs) and Bootstrap (Retracted article. See vol. 21, pg. 270, 2013)**  
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- 检索2013年的SCI数据库发现题目中有 (Retracted Article) 的文章有52篇 (其中中国16篇、美国10篇)。

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1. **RETRACTED ARTICLE: Molecular cloning and expression analysis of novel putative effector genes from *Meloidogyne graminicola* (vol 14, pg 79, 2013)**  
作者: Rahman, Masuder; Haegeman, Annelies; Rahman, Bytul M.; 等.  
JOURNAL OF APPLIED GENETICS 卷: 54 期: 4 页: 493-493 出版年: NOV 2013  
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2. **THE MECHANISM OF FORMING BIMODAL POLYETHYLENE BY BIS (IMINO) PYRIDYL IRON (II) PRECATALYST WITH TRIETHYLALUMINUM (Retracted article. See iss 12, Dec 20 2013)**  
作者: Wang, Shi-bo; Liu, Dong-bing; Mao, Bing-quan  
ACTA POLYMERICA SINICA 期: 9 页: 1172-1176 出版年: SEP 20 2013  
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3. **Cu2ZnSnSe4 quantum dots with controllable size and quantum confinement effect (Retracted article. See vol. 15, 2163, 2013)**  
作者: Zong, Kai; Lu, SiHeng; Wang, Hao; 等.  
JOURNAL OF NANOPARTICLE RESEARCH 卷: 15 期: 9 文献号: UNSP 1947 出版年: SEP 2013  
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作者: Tenner, Scott; Baillie, John; DeWitt, John; 等.  
AMERICAN JOURNAL OF GASTROENTEROLOGY 卷: 108 期: 9 页: 1400-1415 出版年: SEP 2013  
被引频次: 2 (来自 Web of Science 的核心合集)  
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# 发表在SCI生命科学、医学期刊上被撤销的论文

The screenshot shows the Web of Science search results page for retracted articles. The search criteria are "Retracted Article". The results are sorted by "Publication Date (Descending)". There are 7 results listed, each with a title, authors, journal information, and a "Retracted Article" label. The results are as follows:

Rank	Title	Authors	Journal	Year
1	Simultaneous preconcentration of Cd, Cr and Hg in seaweed samples by cloud point extraction and determination by neutron activation (Retracted Article)	Serfor-Armah, Y.; Carboo, D.; Akuamoah, R. K.; 等	JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY	2016
2	Cognitive Impairment in HIV and HCV Co-Infected Patients: A Systematic Review and Meta-Analysis (Retracted Article)	Fialho, R.; Pereira, M.; Bucur, M.; 等	AIDS CARE-PSYCHOLOGICAL AND SOCIO-MEDICAL ASPECTS OF AIDS/HIV	2016
3	Cost-effectiveness of dual energy X-ray absorptiometry (DXA) plus anti-resorptive treatment in Australian women with breast cancer who receive aromatase inhibitors (Retracted Article)	Sowa, Przemyslaw Marcin; Downes, Martin J.; Gordon, Louisa G.	JOURNAL OF BONE AND MINERAL METABOLISM	2016
4	First observation of spawning of goliath grouper, Epinephelus itajara (Retracted Article)	Frias-Torres, S.; O'Neill, M. P.	CORAL REEFS	2016
5	The effectiveness of green infrastructure as a climate adaptation strategy for intensively-used landscapes: an example of the great crested newt (Retracted Article)	van Teeffelen, Astrid J. A.; Vos, Claire C.; Jochem, Rene; 等	LANDSCAPE ECOLOGY	2016
6	Discovery of a novel inhibitory mechanism of kaempferol on TGF-beta ligand-receptor interaction by single-molecule techniques (Retracted Article)	[Anonymous]	BIOTECHNOLOGY LETTERS	2016
7	RETRACTED ARTICLE: Common genetic variants in microRNA processing machinery genes are associated with risk and survival in patients with osteosarcoma	Weng, Yuxiong; Chen, Yanhua; Chen, Jianghai; 等	MOLECULAR GENETICS AND GENOMICS	2016

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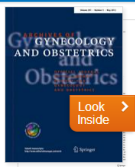
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RETRACTED: An integrated optimization model and application of MEE-TVC desalination system  
Lu Shuai, Yihui Zhou, Mingshu Bi, Jingjie Ren, Zhen Cai

作者抄袭

**Abstract**  
This article has been retracted: please see Elsevier Policy on Article Withdrawal (<http://www.elsevier.com/locate/withdrawalpolicy>).  
This article has been retracted at the request of the Editor-in-Chief.  
The authors have plagiarized part of a paper that had already appeared in Desalination, A.O. Bin Amer, Development and Optimization of ME-TVC Desalination System, Vol 249/3 (2009), 1315–1331 (<http://dx.doi.org/10.1016/j.desal.2009.06.026>). One of the conditions of submission of a paper for publication is that authors declare explicitly that their work is original and has not appeared in a publication elsewhere. Re-use of any data should be appropriately cited. As such this article represents a severe abuse of the scientific publishing system. The scientific community takes a very strong view on this matter and apologies are offered to readers of the journal that this was not detected during the submission process.

**Abstract**  
Objective  
To compare the therapeutic effects of metformin (Met) and laparoscopic ovarian drilling (LOD) in clomiphene and insulin-resistant patients with polycystic ovary syndrome (CIRPCOS).  
Methods  
A total of 110 patients were randomly divided into two groups. One group was administered Met ( $n = 55$ ), while the other group underwent LOD ( $n = 55$ ). Rates of ovulation, pregnancy, and abortion were compared between both groups.  
Results  
Rates of normal menstruation, ovulation, and pregnancy in the LOD group were higher than in the Met group: 76.4% (42/55) vs. 58.2% (32/55),  $P < 0.04$ ; 50.8% (11/258) vs. 33.5% (94/281),  $P < 0.001$ ; 38.2% (21/55) vs. 20.0% (11/55),  $P < 0.03$ . The difference in the early abortion rate between both groups was not statistically significant.  
Conclusions  
Although Met can significantly improve a patient's insulin resistance, we found that in patients diagnosed with CIRPCOS, LOD can be much more effective in improving rates of normal menstruation, ovulation, and pregnancy.  
Keywords  
Clomiphene resistance – Insulin resistance – Laparoscopic ovarian drilling – Metformin – Polycystic – Ovary syndrome



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"This article has been retracted by the Editor-in-Chief, with the agreement of the authors, because it contains significant parts plagiarizing another article: Hamed HO, Hasan AF, Ahmed OG, Ahmed MA. Metformin versus laparoscopic ovarian drilling in clomiphene- and insulin-resistant women with polycystic ovary syndrome. *Int J Gynaecol Obstet* 2010;108:143-147. doi: 10.1016/j.ijgo.2009.08.033"

An erratum to this article can be found at <http://dx.doi.org/10.1007/s00404-016-4022-0>.

**HIGHLIGHTS**  
A general optimization model of MEE-TVC system was developed.  
Positive economic rate indicated an optimal mode for the model.


# SCI收录文献类型——更正

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- Source: ORGANIC ELECTRONICS, 8 (2-3): III-III APR-JUN 2007
- 收录记录
- 2 Title: Properties of organic light-emitting diodes by aluminum cathodes modification using Ar+ ion beam (Retracted Article. Se vol 8, pg iii, 2007)
- Source: ORGANIC ELECTRONICS, 6 (4): 149-160 AUG 2005
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Volume 8, Issues 2-3, April-June 2007, Pages iii  
Coupled States of Excitons, Photons, and Plasmons in Organic Structures

Retraction Notice

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**RETRACTED: Properties of organic light-emitting diodes by aluminum cathodes modification using Ar<sup>+</sup> ion beam**  
*Organic Electronics, Volume 6, Issue 4, August 2005, Pages 149-160*  
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**This article is retracted at the request of the editors as it is a duplication of a paper that has already appeared in at least nine other publications. As such this article represents a severe abuse of the scientific publishing system. It has wasted the time of many reviewers and also wastes costly journal space which is explicitly reserved for publishing original, not self-plagiarized work. *Organic Electronics* takes a very strong view on this matter. The editors want to inform our readership and authors, that those who publish multiple copies of their papers in *Organic Electronics* and elsewhere will lose their rights to further publication in this journal.**

Corresponding author. Tel.: +82 2 2123 2838; fax: +82 2 312 5375.

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2. **Properties of organic light-emitting diodes by aluminum cathodes modification using Ar<sup>+</sup> ion beam (Retracted Article, See vol 8, pg iii, 2007)**  
作者: Jeong, SM; Koo, WH; Choi, SH; 等  
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- 4  **Retraction notice** to: Bifurcations and chaos in a discrete-time-delayed Hopfield neural network with ring structures and different internal decays [Neurocomputing 99 (2013) 154-162]

*Neurocomputing, Volume 128, 27 March 2014, Page 303*

Reza Mazrooei-Sebdani, Saeed Farjami

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- 5  **Retraction notice** to "Random effects model for estimating effectiveness of advertising in online marketplaces" Expert Systems with Applications 38 (2011) 9867-9878

*Expert Systems with Applications, Volume 41, Issue 4, Part 2, March 2014, Page 2107*

Cookhwan Kim, Sungsik Park, Yongseok Chang, Woojin Chang

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- 6  **Retraction notice** to "The analytic network process for managing inter-enterprise collaboration: A case study in a collaborative enterprise network" Expert Systems with Applications 39 (2012) 626-637

*Expert Systems with Applications, Volume 41, Issue 4, Part 2, March 2014, Page 2108*

Maria-José Verdecho, Juan-José Alfaro-Saiz, Raúl Rodríguez-Rodríguez, Angel Ortiz-Bas

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- 7  **Retraction notice** to "An empirical test to measure the effectiveness of online advertising in online marketplaces using a hierarchical bayes model" Expert Systems with Applications 39 (2012) 117-128


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Cookhwan Kim, Sungsik Park, Kwiseok Kwon, Woojin Chang

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*International Review of Economics & Finance, Volume 30, March 2014, Page 149*

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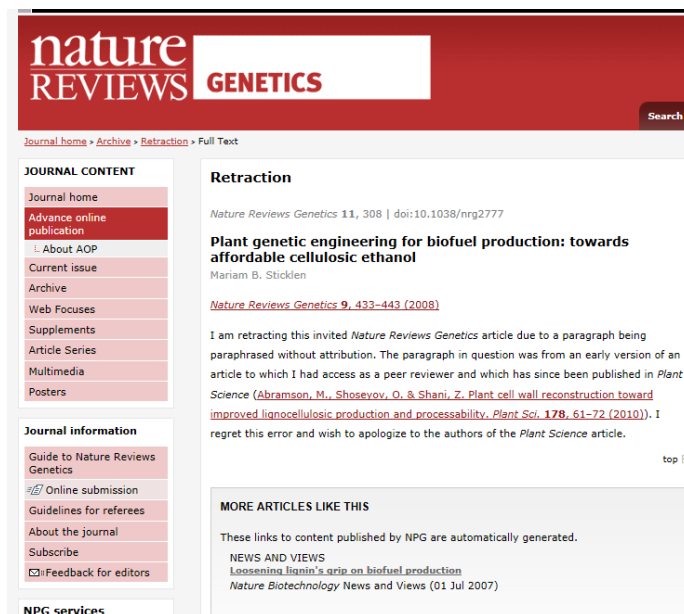
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# 《自然》子刊综述文章因剽窃被撤回

## 作者在担任匿名审稿人时抄袭了其所评审的一篇综述

- 2010年《科学家》杂志报道，一篇两年前美国密歇根州立大学学者发表于《自然综述—遗传学》（*Nature Reviews Genetics*）的文章被撤回。原因在于作者作为《植物科学》（*Plant Science*）匿名审稿人时抄袭了其所评审的一篇综述。
- 根据密歇根州立大学调查委员会的调查，这篇关于利用转基因生物燃料作物提高乙醇产量的研究进展综述的作者，在2008年当这篇综述进入《自然综述—遗传学》最后修正阶段时，将其所评审过的一篇文章（关于提高乙醇产量技术的研究进展综述）中一个段落的大部分插入综述中，并最终得以发表。



调查发现两篇文章十分相似，很明显属于抄袭。最明显的是作者在文章中引用了两个与主题毫无关系的参考文献。

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- 作为“致谢”的一部分形式注明感谢了提供相关资料以及与其进行启发式讨论的同行们的案例：
- Acknowledgments This work is supported by the Natural Sciences and Engineering Research Council of Canada. We thank Professor J.A. Pople and Dr.P.M.W.Gill for a preprint of Ref. 13, and Professor T. Ziegler and Professor R. A. Friesner for enlightening discussions.
- 题目： Density-Functional Thermochemistry .3. The Role of Exact Exchange (密度函数的热化学：3.正解交换的作用)
- 作者： BECKE, AD
- JOURNAL OF CHEMICAL PHYSICS 卷： 98 期： 7 页： 5648-5652 出版年： APR 1 1993
- 作者首先提供了基金资助方面的信息，接着分别感谢了提供相关资料以及与其进行启发式讨论的同行们。

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DENSITY-FUNCTIONAL THERMOCHEMISTRY. 3. THE ROLE OF EXACT EXCHANGE

作者: BECKE, AD (通讯作者)

JOURNAL OF CHEMICAL PHYSICS

卷: 98 期: 7 页: 5648-5652  
DOI: 10.1063/1.464913  
出版年: APR 1 1993  
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摘要  
Despite the remarkable thermochemical accuracy of Kohn-Sham density-functional theories with gradient corrections for exchange-correlation [see, for example, A. D. Becke, *J. Chem. Phys.* 96, 2155 (1992)], we believe that further improvements are unlikely unless exact-exchange information is considered. Arguments to support this view are presented, and a semiempirical exchange-correlation functional containing local-spin-density, gradient, and exact-exchange terms is tested on 56 atomization energies, 42 ionization potentials, 8 proton affinities, and 10 total atomic energies of first- and second-row systems. This functional performs significantly better than previous functionals with gradient corrections only, and its experimental atomization energies with an impressively small average absolute deviation of 2.4 kcal/mol.

关键词  
KeyWords Plus: MOLECULAR ENERGIES; GAUSSIAN-1 THEORY; 2ND-ROW COMPOUNDS; ELECTRON-GAS APPROXIMATION; SURFACE

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Despite the remarkable thermochemical accuracy of Kohn-Sham density-functional theories with gradient corrections for exchange-correlation [see, for example, A. D. Becke, *J. Chem. Phys.* 96, 2155 (1992)], we believe that further improvements are unlikely unless exact-exchange information is considered. Arguments to support this view are presented, and a semiempirical exchange-correlation functional containing local-spin-density, gradient, and exact-exchange terms is tested on 56 atomization energies, 42 ionization potentials, 8 proton affinities, and 10 total atomic energies of first- and second-row systems. This functional performs significantly better than previous functionals with gradient corrections only, and its experimental atomization energies with an impressively small average absolute deviation of 2.4 kcal/mol.

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- 作为“致谢”的一部分形式感谢数位同行或朋友让其分享尚未公开发表的文献或数据的案例
- Acknowledgments My work was supported by National Institutes of Health grants CA31798, CA31799, A131921, DK45104, and HL48675. Many references had to be deleted to shorten this review, and I apologize to authors and readers for work that could not be cited. I thank Andrew and Tom Issekutz, Alf Hamann, Eugene Butcher, Mike Brenner, Ian Colditz, Adrienne Brian, Ronen Alon, Doug Ringlet, Michelle Cart, and Stephen Roth for sharing preprints or unpublished data and David Chang, Chades Mackay, Walter Newman, and Fred Rosen for critical reviews.
- **题目：TRAFFIC SIGNALS FOR LYMPHOCYTE RECIRCULATION AND LEUKOCYTE EMIGRATION - THE MULTISTEP PARADIGM**  
(淋巴细胞再循环和白细胞迁移中的路径信号——多步骤范例)
- 作者：SPRINGER, TA
- 期刊：CELL 卷：76 期：2 页：301-314 出版年：JAN 28 1994
- 这是一个唯一作者发表的论文，因而以个人名义表示感谢相关基金资助（ My work was supported by…… ）本文是一篇14页的综述有105篇参考文献，作者可能应编辑要求删除了部分参考文献，因而为此向读者和被删除了文献的相关作者表示歉意。作者还感谢数位同行或朋友让其分享尚未公开发表的文献或数据，并感谢Fred Rosen 的批评性审阅。

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作为“致谢”的一部分形式感谢数位博士在讨论、样品、图片帮助的案例

- Acknowledgments W. M. and Z. Z. are supported by grant Lm05110 from the National Library of Medicine. We thank Dr. Warren Gish for helpful conversations, Dr. Eugene Koonin for assistance with the the samples, and Dr. Gregory Schuler for producing several of the figures.
- 题目: Gapped BLAST and PSI-BLAST: a new generation of protein database search programs (空位BLAST(碱基局部对准检索)和特殊位置重复BLAST: 新一代蛋白质数据库检索程序)
- 期刊: Nucleic Acids Research 25 (17): 3389-3402 SEP 1 1997 《核酸研究》英国
- W. M. 和 Z. Z. 分别是本文的第6和第5作者, 二人共同受到来自National Library of Medicine的资助, 因此表示感谢。所有作者对与Gish博士的有益讨论、Koonin 博士在样品方面的帮助、Schuler 博士在处理几张图件方面的帮助表示感谢。

The screenshot shows the Web of Science interface for the article "Gapped BLAST and PSI-BLAST: a new generation of protein database search programs". The article is by Altschul, SF, Madden, TL, Schaffer, AA, Zhang, JH, Zhang, Z, Miller, W, Lipman, DJ, published in Nucleic Acids Research, 1997, 25(17), 3389-3402. The page displays the abstract, keywords, author information, and a sidebar with citation statistics. A red arrow points to the citation count in the sidebar, which is 35,012. The sidebar also shows the article's position in various databases: 35,017 in All Databases, 35,812 in Web of Science Core Collection, 31,539 in BIOSIS Citation Index, 520 in Chinese Science Citation Database, 0 in Data Citation Index, and 218 in ScieELO Citation Index. The article is categorized under "Nucleic Acids Research" and "Oxford Journals".

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Borgstrom博士是Karolinska Inst、Quantify Res公司的雇员并持有的股票。报道与本文相关的利益没有其他的潜在冲突。

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## 关闭基金资助信息

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# 公平：SCI高被引论文致谢案例分析

## Comprehensive Versus Usual Community Care for First-Episode Psychosis: 2-Year Outcomes From the NIMH RAISE Early Treatment Program

作者: Kane, JM (Kane, John M.);<sup>[1]</sup> Robinson, DG (Robinson, Delbert G.); Schooler, NR (Schooler, Nina R.); Mueser, KT (Mueser, Kim T.); Penn, DL (Penn, David L.); Rosenheck, RA (Rosenheck, Robert A.); Addington, J (Addington, Jean); Brunette, MF (Brunette, Mary F.); Correll, CU (Correll, Christoph U.); Estroff, SE (Estroff, Sue E.); Marcy, P (Marcy, Patricia); Robinson, J (Robinson, James); Meyer-Kalos, PS (Meyer-Kalos, Piper S.); Gottlieb, JD (Gottlieb, Jennifer D.); Glynn, SM (Glynn, Shirley M.); Lynde, DW (Lynde, David W.); Pipes, R (Pipes, Ronny); Kurian, BT (Kurian, Benji T.); Miller, AL (Miller, Alexander L.); Azrin, ST (Azrin, Susan T.); Goldstein, AB (Goldstein, Amy B.); Severe, JB (Severe, Joanne B.); Lin, HQ (Lin, Haiqun); Sint, KJ (Sint, Kyaw J.); John, M (John, Majnu); Heinessen, RK (Heinessen, Robert K.)[更少内容](#)

AMERICAN JOURNAL OF PSYCHIATRY

卷: 173 期: 4 页: 362-372

DOI: 10.1176/appi.ajp.2015.15050632

出版年: APR 2016

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### 摘要

**Objective:** The primary aim of this study was to compare the impact of NAVIGATE, a comprehensive, multidisciplinary, team-based treatment approach for first-episode psychosis designed for implementation in the U.S. health care system, with community care on quality of life.

**Method:** Thirty-four clinics in 21 states were randomly assigned to NAVIGATE or community care. Diagnosis, duration of untreated psychosis, and clinical outcomes were assessed via live, two-way video by remote, centralized raters masked to study design and treatment. Participants (mean age, 23) with schizophrenia and related disorders and  $\leq 6$  months of antipsychotic treatment (N=404) were enrolled and followed for  $\geq 2$  years. The primary outcome was the total score of the Heinrichs-Carpenter Quality of Life Scale, a measure that includes sense of purpose, motivation, emotional and social interactions, role functioning, and engagement in regular activities.

**Results:** The 223 recipients of NAVIGATE remained in treatment longer, experienced greater improvement in quality of life and psychopathology, and experienced greater involvement in work and school compared with 181 participants in community care. The median duration of untreated psychosis was 74 weeks. NAVIGATE participants with duration of untreated psychosis of 74 weeks had greater improvement in quality of life and psychopathology compared with those with longer duration of untreated psychosis and those in community care. Rates of hospitalization were relatively low compared with other first-episode psychosis clinical trials and did not differ between groups.

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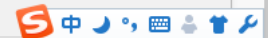
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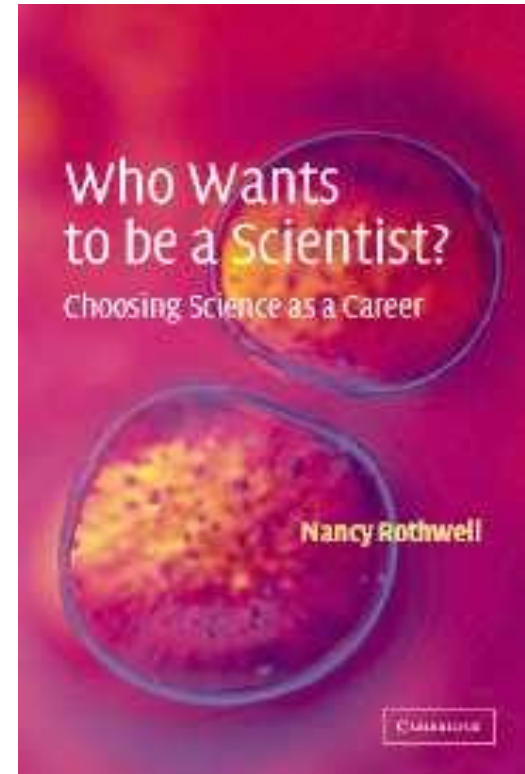
This work has been funded in whole or in part with funds from the American Recovery and Reinvestment Act and from NIMH under contract HHSN271200900019C. Additional support for these analyses was provided by National Center of Inpatient and/or Services Research Award (P30MH090590) to Dr. Kane.

Dr. Kane has been a consultant for Alkermes, Amgen, Bristol-Myers Squibb, Eli Lilly, EnVivo Pharmaceuticals (Forum), Forest, Genentech, H Lundbeck, Intra-Cellular Therapies, Janssen Pharmaceutica, Johnson and Johnson, Merck, Novartis, Otsuka, Pfizer, Roche, Shire, and Takeda; he has received honoraria for lectures from Bristol-Myers Squibb, Genentech, Janssen, Lundbeck, and Otsuka, and he is a shareholder in Vanguard and Vanguard Research Group. Dr. Robinson has been a consultant to Asubio, Otsuka, and Shire; and he has received grants from Bristol-Myers Squibb, Janssen, and Otsuka. Dr. Schooler has served on advisory boards or as a consultant to Alkermes, Amgen, Eli Lilly, Forum (formerly Alkermes), Janssen, Psychiatry, Roche, and Sunovion; she has received grant or research support from Genentech, NeuroChire, and Otsuka, and she has served on a data monitoring board for Shire and on the faculty of the Lundbeck International Neuroscience Foundation. Dr. Brunette has received grant support from Alkermes. Dr. Correll has been a consultant or adviser to or has received honoraria from Amgen, Bristol-Myers Squibb, Alkermes, Bristol-Myers Squibb, Eli Lilly, Genentech, Gerson Lehrman Group, Intra-Cellular Therapies, Janssen, Johnson and Johnson, Lundbeck, Merck, Novartis, Otsuka, Pfizer, ProPhase, Reviva, Roche, Sunovion, Supernus, Takeda, Teva, and Vanda; and he has received grant support from Bristol-Myers Squibb, Janssen, Johnson and Johnson, Novo Nordisk, Otsuka, and Takeda. Ms. Marcy is a consultant to Alkermes, Merck, Novartis, Otsuka, and Takeda, and she is a shareholder in Pfizer. Dr. Kurian has received grant support from Evotec, Forest, Johnson and Johnson, Naurex, Pfizer, Shire, and Targacept. Dr. Gille has received payments for serving on a data monitoring committee for a study sponsored by Otsuka. The authors and their associates provide training and consultation about implementing NAVIGATE treatment that can include compensation for services rendered, but after disclosure of the funding was completed. At the time of publication, Dr. Meyer-Kalos, Dr. Glynn, and Dr. Robinson had no commercial participation in these activities. The other authors report no financial relationships with commercial interests.

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# 偏见

- 设计科学实验时对实验结果的假设往往具有主观性。然而，有不少科学家在真正进行实验之前就确定了自己的实验结果，这意味着他们对实验过程和实验结果的解释会不自觉地产生很多偏见，请他人审查原始数据、分析结果，或重复实验都有可能避免此类问题的发生。



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Science as a Career  
Cambridge University Press



# 偏见

- 删改数据可能是最常见的造假行为。特别是在外界因素的巨大诱惑下，某些科学家就很有可能删减不合要求的数据以达到预期结果。数据的删改必须有明确的删减原则，并且所有参与实验的人员一致同意后才能删减数据。

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# 伪造数据被撤回十篇学术论文

TheScientist  
EXPLORING LIFE, INSPIRING INNOVATION

- 2010年《科学家》杂志报道，美国明尼苏达州梅奥医学中心（Mayo Clinic）Larry Pease免疫学实验室的一名高级研究人员被发现有**伪造数据的行为**，该实验室已发表的10篇论文已遭撤回，另外的5篇论文也有可能被撤。除此之外，相关的临床试验也已被取消。

- 这次数据造假规模之大和延续时间之长，让人震惊。

- 梅奥医学中心发言人表示，到目前为止，发表在美国《国家科学院院刊》（*PNAS*）和《免疫学期刊》（*Journal of Immunology*）等期刊上的10篇论文已经被撤回，这些被撤的文章**总共被引用了将近250次**，未来的一周将有更多的文章被撤销。另外，与美国国家癌症研究所合作的相关临床试验也已被取消。

《科学家》  
相关报道



# 伪造生物标记和癌症疗法数据论文被撤销

- 2009年《科学家》杂志报道，美国研究诚信办公室（ORI）报告称，美国加州大学洛杉矶分校（UCLA）前生物学家伪造生物标记和癌症疗法数据，伪造行为涉及2篇论文和多项资助申请。
- 在2000年《肿瘤学报告》（*Oncology Reports*）发表的论文和2001年《柳叶刀》（*The Lancet*）发表的论文中使用了伪造的数据。
- 在提交给美国国立卫生研究院（NIH）、国立补充与替代医学中心、国立癌症研究所和国立糖尿病与消化及肾病研究所的资金申请中，该学者也伪造了实验和图表。

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The Scientist » The Nutshell

### UCLA prof falsified cancer data

A former UCLA biologist falsified data on biomarkers and treatments for cancer in two journal articles and multiple grant applications, the Office of Research Integrity (ORI) reported last week. According to the ORI notice, Mai Nguyen, an associate professor of surgery at UCLA from 1995-2005, falsified data published in a 2000 *Oncology Reports* paper, which has been cited 5 times, and a 2001 article in *The Lancet*, which has been cited 25 times. The papers examined the effect of *Livistona chinensis*.

By Tia Ghose | February 9, 2009

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A former UCLA biologist falsified data on biomarkers and treatments for cancer in two journal articles and multiple grant applications, the Office of Research Integrity (ORI) reported last week. According to the ORI notice, Mai Nguyen, an associate professor of surgery at UCLA from 1995-2005, falsified data published in a 2000 *Oncology Reports* paper, which has been cited 5 times, and a 2001 article in *The Lancet*, which has been cited 25 times. The papers examined the effect of *Livistona chinensis*, a Chinese fan palm extract, on mouse fibrosarcoma cells, and the use of basic fibroblast growth factor and vascular endothelial growth factor in nipple fluid as biomarkers for cancer, respectively. Nguyen also fudged experiments and figures in grant applications submitted to the National Institute of Health. [Read more](#)

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## 《科学家》杂志报道

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排序方式: 出版日期(降序) 第 1 页, 共 1 页

检索结果: 2  
(来自 Web of Science 核心合集)  
查看以下作者的特征作者记录表:  
Barsky SH

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作者: (Barsky, SH) AND 标题:  
(Breast-c... 更多内容)  
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在此下结果集内检索...

1. **Breast cancer diagnosis with nipple fluid bFGF** (vol 356, pg 567, 2000)  
作者: Liu, YH; Barsky, SH  
LANCET 卷: 356 期: 9242 页: 1690-1690 出版年: NOV 11 2000  
全文

2. **Breast-cancer diagnosis with nipple fluid bFGF**  
作者: Liu, Y; Wang, JL; Chang, H, 等  
LANCET 卷: 356 期: 9229 页: 567-567 出版年: AUG 12 2000  
全文 查看摘要

引用频次: 2 (来自 Web of Science 的核心合集)  
创建引文报告


引用频次: 31 (来自 Web of Science 的核心合集)

选择页面 保存至 EndNote Online 添加标记结果列表

## SCI《柳叶刀》被撤销论文

# 偏见

- 统计分析是另一个存在潜在造假行为的领域，因为统计人员往往会从多种统计方法中选择更有可能产生预期结果的一种。摆脱这种现象的方法是保持自己的客观性，可以找与此实验无关的人员共同讨论分析数据，以避免盲目地寻求结果。
- 不管虚假结果是出于误差、草率还是无意的偏见，它们都会在文章提交或公布后被发现。所以，一旦发现此类问题，最好是在这之前通过写信等各种方式收回实验结果，以免造成尴尬局面。



OXFORD JOURNALS

## RHEUMATOLOGY

ABOUT THIS JOURNAL CONTACT THIS JOURNAL SUBSCRIPTIONS CURRE

Oxford Journals > Medicine > Rheumatology > Volume 50, Issue 11 > Pp. 2147.

### Retraction

Retraction notice to Liu H. *et al.*'s Meta-analysis of systemic lupus erythematosus and the risk of cervical neoplasia. *Rheumatology* 2011;50:343-8. doi: [ARTICLE](#). Online access: <http://rheumatology.oxfordjournals.org/content/50/2/343.full>

We regret to retract the article 'Meta-analysis of systemic lupus erythematosus and the risk of cervical neoplasia' because:

- Errors were identified in the publication involving several parts of the study including extraction of data, statistical analyses and interpretation of results.
- Cervical neoplasia should have been interpreted as abnormal pap smears.

Unfortunately, such extensive changes cannot be addressed in a corrigendum and warrant a new manuscript. It is important to note that this is not considered to be scientific misconduct, but rather an honest error by authors.

We regret any problems that this article may have caused and retract it from the literature.

Prof. Robert Moots, Editor on behalf of the *Journal*

Dr Hongli Liu, corresponding author on behalf of the authors.

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撤销声明称，该论文在meta分析中存在数据提取、统计分析和结果阐述等几部分存在失误。

声明同时也特别指出，这些错误不被认为是学术不端，而是作者无意造成的错误。

# 剽窃

- “剽窃是指盗用他人的想法、程序、结果或语言而没有给出来源，其中包括盗用通过秘密评审他人的研究建议和论文而获得的信息”
- Federal Office of Science and Technology Policy, 1999

# 剽窃

- “使用他人的数据或解释但不给出来源，从而坐享他人成果，这是盗窃行为。这种行为会导致科研工作者失去发现新数据和新解释的动力”
- Bruce Railsback, Professor, Department of Geology, University of Georgia
- 即使正确地给出参考文献，但不恰当的意译重述也会被看成是剽窃
- 从手稿、基金申请书或是私底下谈话等方式中获取信息

# 意译重述

依着个人偏见翻译

- **原句 (Gratz, 1982):** 不恰当的意译重述也会被看成是剽窃

Bilateral vagotomy resulted in an increase in tidal volume but a depression in respiratory frequency such that total ventilation did not change.

- **重述 1:**

Gratz (1982) showed that bilateral vagotomy resulted in an increase in tidal volume but a depression in respiratory frequency such that total ventilation did not change.



Ronald K. Gratz. *Using Other's Words and Ideas*.


Department of Biological Sciences, Michigan Technological University

# 意译重述

- **原句 (Buchanan, 1996):**

What makes intentionally killing a human being a moral wrong for which the killer is to be condemned is that the killer did this morally bad thing not inadvertently or even negligently, but with a conscious purpose – with eyes open and a will directed toward that very object.

- **重述 2:**

**Buchanan (1996) states that** we condemn a person who intentionally kills a human being because he did a **"morally bad thing"** not through negligence or accident but with open eyes and a direct will to take that life. 

Ronald K. Gratz. *Using Other's Words and Ideas.*

Department of Biological Sciences, Michigan Technological University



# 伊朗科学部长涉嫌剽窃被撤销

- 2009年《自然》网站报道，伊朗科学部长2009年3月发表的一篇论文近日被曝抄袭韩国科学家2002年发表的一篇文章，一时间在伊朗科学界掀起轩然大波。
- 伊朗学者发表于《计算机工程学》（Engineering with Computers）为通讯作者，韩国科学家的这篇论文2002年10月发表于《物理学杂志D：应用物理学》（Journal of Physics D: Applied Physics），两篇文章有多处存在雷同

The screenshot shows a news article from Nature. The main headline is "Publisher retracts paper by Iran's science minister". A sub-headline reads "Iranian scientists press for plagiarism inquiry." The article features a photo of Kamran Daneshjou, the Iranian science minister, and a quote from Anthony Doyle, a publishing editor for Springer, stating that the retraction is a scandal.

《计算机工程学》出版编辑 Anthony Doyle表示，这篇论文将会被标记“撤销”

The screenshot shows a search results page from Web of Science. The search criteria are "Daneshjou AND 出版物名称: (Engine...更多内容)". Two results are listed, both titled "Analysis of critical ricochet angle using two space discretization methods". The first result is from the journal "ENGINEERING WITH COMPUTERS" (vol 25, pg 191, 2009) and the second is from "ENGINEERING WITH COMPUTERS" (vol 25, pg 191-206, 2009).

Engineering with Computers  
November 2009, Volume 25, Issue 4, p 411

Erratum to: Analysis of critical ricochet angle using two space discretization methods

Kamran Daneshjou, Majid Shahravi



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Within this Article

Erratum to: Eng Comput (2009) 25: 191–206 (EN)

# 土耳其70篇论文卷入集体抄袭丑闻

- 大篇幅地模仿或借用他人的论文表达方式在国际科学界也是不被容忍的，2007年《自然》(Nature)曾报道来自土耳其4所大学15位作者的约70篇论文卷入集体抄袭丑闻 (Turkish physicists face accusations of plagiarism, Nature 449(6 September 2007), doi:10.1038/449008b)。



《自然》刊登指责剽窃的反驳文章



- 尽管被指控抄袭的作者解释“我们仅仅是借用了更好的英语”(Plagiarism? No, we're just borrowing better English, Nature 449, 658 (11 October 2007), doi:10.1038/449658a),但这些涉嫌的论文还是全部从arXiv中剔除了

# “人造精子”论文因涉嫌剽窃被撤销

- 2009年7月7日英德两国科学家在《干细胞与发育》（*Stem Cells and Development*）上在线发表论文，称利用人类胚胎干细胞成功培育出人造精子（科学家首次利用胚胎干细胞培养出人造精子）。7月28日因被控剽窃，这篇论文被《干细胞与发育》主编撤销。



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## Stem Cells and Development

About This Journal...

### RETRACTION - In Vitro Derivation of Human Sperm from Embryonic Stem Cells

To cite this article:  
Dr. Karim Nayernia, Dr. Jae Ho Lee, Dr. Majlinda Lako, Dr. Lyle Armstrong, Dr. Mary Herbert, Manyu Li, Wolfgang Engel, Dr. David Elliott, Prof. Miodrag Stojkovic, Dr. John Parrington, Prof. Alison Murdoch, Prof. Tom Strachan, and Dr. Xin Zhang. Stem Cells and Development. -Not available-, ahead of print. doi:10.1089/scd.2009.0063.

Online Ahead of Editing: July 7, 2009

Full Text PDF (51.8 KB) Full Text PDF with Links (52.6 KB)

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NESCI/Institute of Human Genetics, Newcastle University, United Kingdom; [lyle.armstrong@ncl.ac.uk](mailto:lyle.armstrong@ncl.ac.uk)

## ANNOUNCEMENT FROM THE EDITOR AND PUBLISHER

This article, "In Vitro Derivation of Human Sperm from Embryonic Stem Cells," is being retracted from *Stem Cells and Development*.

Further details will follow online, and in a subsequent issue of the Journal.

Graham C. Parker, Ph.D.  
Editor-in-Chief  
*Stem Cells and Development*

- 《干细胞与发育》主编7月10日收到《生殖生物学》（*Biology of Reproduction*）编辑们的电子邮件，论文引言中有两个段落是拷贝于加拿大麦吉尔大学的学者于2007年发表在《生殖生物学》一篇评述文章，但却没有注明出处。

# 剽窃他人科研创意论文被撤销

- 因为**被指控剽窃他人科研创意**，济南大学两名研究人员日前撤销了发表在《分子微生物学与生物技术期刊》（*JMMB*）上的一篇文章。
- 这两名研究人员其中第一作者在加拿大康考迪亚大学（Concordia University）生物学家Elaine Newman名下从事博士后研究工作，而正是后者指控了这两名研究人员在这篇撤销文章中**剽窃她的创意**。
- 作者在撤销声明中对Newman表示歉意，称“虽然我们文章的着重方向和Newman博士的设想有所不同，但我们承认文章的一个重要创意是从她（Newman）那获得的”，“我们也在文章的致谢部分对她的支持表示了感谢”，“出版商、期刊编辑和审稿人一致认为我们的文章对科学文献具有重要贡献，但我们决定遵从Newman博士的要求，撤销这篇文章”，“以避免引起更大争执”。

The screenshot shows the Karger website interface. At the top, the Karger logo is displayed with the tagline "Connecting the World of Biomedical Science" and "Medical and Scientific Publishers". Navigation tabs include Journals, Books, Collections, Subject Guide, Services, Resources, and Company. Below this, a secondary navigation bar contains links for Journal Home, About this Journal, Authors & Reviewers, and Subscription Rates. The main content area identifies the journal as "Journal of Molecular Microbiology and Biotechnology" and provides issue information: "Vol. 19, No. 3, 2010" and "Issue release date: December 2010". A "Table of Contents" and "next Article" button are visible. The specific article is identified as "J Mol Microbiol Biotechnol 2010;19:105-116 (DOI:10.1159/000321496)" with a "Fulltext PDF (111 Kb)" download option. A prominent "Retracted Paper" section is present, detailing the article title: "Characterization of Methyltransferase Properties of *Escherichia coli* YabC Protein with an Enzyme-Coupled Colorimetric Assay" by "Gu J. - Ye C." from the "Biotechnology Department, College of Medicine and Life Sciences, University of Jinan, Jinan, China". A "First-Page Preview" section shows a thumbnail of the article's first page, including the journal logo, article title, and author information. At the bottom, a box contains the text "Retraction Statement See Next Page".

# 剽窃他人科研创意论文被撤销

## Retraction Statements

Paper by Gu and Ye [2010;19:105–116]

We wish to retract our paper entitled 'Characterization of Methyltransferase Properties of *Escherichia coli* YabC Protein with an Enzyme-Coupled Colorimetric Assay' that was published in the *Journal of Molecular Microbiology and Biotechnology* [2010;19:105–116]. Dr. Elaine Newman, with whom Dr. Gu served as a postdoctoral fellow, has pointed out to us that a part of the contents of our paper, specifically that dealing with the functional assignment of the *yabB* gene product, was her idea and hypothesis. Although our paper focused on aspects that differed from those proposed by Dr. Newman, we acknowledge that a significant part of the intellectual material presented stemmed from her. Further, preliminary experiments that led to the results reported were conducted in Dr. Newman's laboratory. We did generally acknowledge her support of the work in the Acknowledgement section of our paper, but we want to apologize for not adequately citing the scope of her contribution. While the publishers, editors and reviewers have been in agreement that our paper represents a significant contribution to the scientific literature, we have now decided to comply with Dr. Newman's request that our paper be retracted. We are doing this in order to avoid further argument about this issue. We sincerely appreciate the efforts of the publishers, editors and reviewers and wish to apologize, particularly to Dr. Newman, for the inconvenience and frustration caused by the publication of our paper.

Chunjiang Ye, Jingsong Gu

It is flattering to hear that the publishers, editors, and reviewers are in agreement that this paper, most of which derives from ideas and experiments from my lab, represents a significant contribution to the scientific literature. My long-standing policy, however, has been to publish my work and ideas under my own name and those of my collaborators when we collectively decide that this would be appropriate.

Neither Dr. Gu, who was a postdoctoral fellow in my lab in 2005 at Concordia University, nor Dr. Ye, has ever asked me for strains or chemicals, nor have I sent them any, *metK84* included, although all the strains mentioned in the paper are in my collection.

E.B. Newman

Journals serve as a forum for debate. No journal can claim that every detail of every publication is correct, nor that everyone involved has been adequately acknowledged. However, by publishing these results, Karger has fulfilled their responsibility to the scientific community. In a process of trial and error, the scientific method can correct any mistakes that have been published. It is a time-consuming process, but the only one we have.

Milton Saier, Editor-in-Chief

- 《分子微生物学与生物技术期刊》相关撤稿声明及回应

- Newman博士随后发表回应，称对自己课题组的研究实验和想法被肯定感到“欢喜”，但她仍坚持自己的研究由自己来发表的一贯原则

# 自我剽窃：美国化学会撤销前会长一篇论文

- 据美国化学学会（ACS）网站报道，因涉嫌“自我剽窃”，ACS旗下权威期刊《美国化学会志》（*JACS*）网站2012年5月16日取消发表ACS前会长罗纳德·布雷斯洛（Ronald Breslow）的一篇学术论文。*JACS*表示，这篇论文与作者之前发表的两篇综述性论文内容相似。

The screenshot shows the Web of Science interface. At the top, the logo for Thomson Reuters is visible. Below the header, there are navigation options like '返回检索', '我的工具', '检索历史', and '标记结果列表'. The main content area displays a search result for a paper by Ronald Breslow. The paper title is 'Evidence for the Likely Origin of Homochirality in Amino Acids, Sugars, and Nucleosides on Prebiotic Earth (vol 134, pg 6887, 2012)'. The author is listed as 'Breslow, Ronald' and the journal is 'JOURNAL OF THE AMERICAN CHEMICAL SOCIETY'. The volume, issue, and page numbers are 'vol 134, pg 6887, 2012'. The publication date is 'MAY 16 2012'. The citation frequency is '被引频次: 1'. There are also options to '选择页面', '保存至 EndNote Online', and '添加到标记结果列表'.

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Breslow Ronald

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1. Evidence for the Likely Origin of Homochirality in Amino Acids, Sugars, and Nucleosides on Prebiotic Earth (vol 134, pg 6887, 2012)  
作者: Breslow, Ronald  
JOURNAL OF THE AMERICAN CHEMICAL SOCIETY 卷: 134 期: 19 页: 8287-8287 出版年: MAY 16 2012  
全文

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分析检索结果  
创建引文报告

被引频次: 1  
(来自 Web of Science 的核心合集)

精炼检索结果

# 自我剽窃:美国化学会期刊撤销前会长一篇论文

The screenshot shows the ACS Publications website interface. At the top, there are navigation links for 'Log In', 'Register', 'Cart', and 'Website Demos'. The ACS Publications logo is prominently displayed, along with the tagline 'MOST TRUSTED. MOST CITED. MOST READ.' and the large 'JACS' logo for the 'JOURNAL OF THE AMERICAN CHEMICAL SOCIETY'. A search bar is visible on the right. Below the navigation bar, there are links for 'Browse the Journal', 'Articles ASAP', 'Current Issue', 'Submission & Review', and 'Subscribe'. A banner for 'ACS Mobile' is also present. The main content area features a 'Perspective' article titled 'Evidence for the Likely Origin of Homochirality in Amino Acids, Sugars, and Nucleosides on Prebiotic Earth' by Ronald Breslow\*. The article's metadata, including the journal name, volume, page numbers, DOI, and publication date, is listed. A 'Note' box states that the article was removed due to possible copyright concerns. At the bottom, there are links to view the full text in HTML, PDF, or with links.

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ACS Mobile is a mobile app for Android and Apple dev

Perspective

Evidence for the Likely Origin of Homochirality in Amino Acids, Sugars, and Nucleosides on Prebiotic Earth

Ronald Breslow\*  
Department of Chemistry, Columbia University, New York, New York 10024, United States

J. Am. Chem. Soc., 2012, 134 (16), pp 6887-6892  
DOI: 10.1021/ja3012897  
Publication Date (Web): March 25, 2012  
Copyright © 2012 American Chemical Society  
rb33@columbia.edu

Abstract

Full Text HTML

Hi-Res PDF [36 KB]

PDF w/ Links [37 KB]

Note

This article was removed by the publisher due to possible copyright concerns. The Journal's Editor is following established procedure to determine whether a violation of ACS Ethical Guidelines to Publication of Chemical Research has occurred.

ACS Section: General Biochemistry

Abstract

View: Full Text HTML | Hi-Res PDF | PDF w/ Links

• 这篇发表在2012年3月25日 *JACS* 网络版上的论文，因指出太空中可能存在恐龙的高级生命形式而引起关注。但是，随后该论文的重要部分被发现与布雷斯洛之前发表的论文高度相似。在被质疑涉嫌自我剽窃（self-plagiarism）后，布雷斯洛曾表示自己没有做错任何事。

# 自我剽窃：美国化学会期刊撤销前会长一篇论文

The screenshot shows the ACS C&EN website interface. At the top, there are navigation links for Log In, ACS, Journals, C&EN, and CAS. The main header features the C&EN logo and the tagline 'Serving The Chemical, Life Sciences & Laboratory Worlds'. Below the header is a search bar and a navigation menu with options like Home, Magazine, News, Departments, Collections, Blogs, Multimedia, and About. The main content area displays a news article titled 'Breslow Paper In JACS Questioned' by Rudy M. Baum, dated April 30, 2012. The article text includes an update and a quote from Breslow regarding self-plagiarism. To the right of the article, there are advertisements for SHIMADZU and PHARMA GRADE, and a 'MOST POPULAR' section listing other articles.

ACS网站相关报道

● ACS和JACS对此进行调查。ACS表示，如果学会的道德准则被践踏，期刊将会采取适当的处理措施。在调查完成之前，JACS首先从网站上取消了这篇论文。ACS出版中心主任Brian Crawford称：“我们对待剽窃的指控是非常严肃的。”



# 实验造假

- 任何做实验的人最后都会有一个实验结果，这个结果可能是别人甚至自己本人都无法重复的。出现这种现象的原因有很多，如实验方案的不同，自然变异，还有就是实验造假。
- 造假行为有故意行为和非故意行为两种。后者往往是由无知、缺乏经验、疲劳、草率或无意的偏见引起的。
- 为了自己的成绩，某些科学家有意遗漏不符合预期或期望的数据，则是造假行为。

篡改是指操纵研究过程或改动或略去数据

——欧洲科研诚信行为准则

# 黄禹锡实验造假

- 韩国著名干细胞研究先锋人物黄禹锡伪造实验数据的丑闻曾轰动科学界。
- 韩国科学家黄禹锡2005年刊载于《科学》杂志上的论文数据属于故意伪造，克隆的11个干细胞系至少有9个是伪造的。
- 黄禹锡曾是韩国首尔大学教授。2004年和2005年，他领导的研究团队先后在《科学》杂志上发表论文，宣布克隆成功人类胚胎干细胞和患者匹配型干细胞。被誉为“干细胞研究先锋”的黄禹锡，随后从韩国的一些金融机构领取了20亿韩元（约合1150万元人民币）研究经费，韩国政府也向黄禹锡提供了研究经费。

The screenshot shows a search results page on the Web of Science platform. The search criteria are 'Retraction' and 'Hwang WS'. Four results are listed, all related to retracted articles by Hwang WS. The first result is 'Evidence of a pluripotent human embryonic stem cell line derived from a cloned blastocyst' (vol 311, pg 335, 2006) with a citation frequency of 8. The second is 'Patient-specific embryonic stem cells derived from human SCNT blastocyst' (vol 308, pg 1777, 2005) with a citation frequency of 8. The third is 'Patient-specific embryonic stem cells derived from human SCNT blastocysts' (vol 308, pg 1777-1783, 2005) with a citation frequency of 251. The fourth is another 'Evidence of a pluripotent human embryonic stem cell line derived from a cloned blastocyst' (vol 311, pg 335, 2006) with a citation frequency of 388. The page includes navigation options like 'Sort by' (set to 'Date (Descending)'), 'Select page', and 'Save to EndNote Online'.

## 4篇发表在《科学》杂志上论文被撤销

The screenshot shows the Science journal website's 'Corrections and Clarifications' section. It lists four retraction notices: 1. 'Response to "Problems of studying extinction risks"' by M. Cardillo et al. (25 Nov., p. 1277). 2. 'Patient-specific embryonic stem cells derived from human SCNT blastocysts' by W. S. Hwang et al. (17 June, p. 1777). 3. 'Evidence of a pluripotent human embryonic stem cell line derived from a cloned blastocyst' by W. S. Hwang et al. (12 Mar. 2004, p. 1659). 4. 'Evidence of a pluripotent human embryonic stem cell line derived from a cloned blastocyst' (Retracted Article). The page also includes 'Related Resources' and 'LETTERS' sections.

## 《科学》杂志上撤销论文报道

The table is a thumbnail of a larger table, likely a table of contents or a list of articles. It has columns for 'Issue', 'Volume', 'Page', and 'Date'. The rows contain numerical data corresponding to these columns.

# 黄禹锡实验造假

- 2005年底，有关黄禹锡干细胞学术造假的丑闻逐步被揭露。首尔大学经调查最终认定黄禹锡学术造假，并宣布解除他的教授职务。韩国政府也取消了授予他的“最高科学家”称号。
- 2010年10月26日，韩国法院裁定，曾学术造假的韩国干细胞科学家黄禹锡犯有“挪用研究资金”罪，但没有犯诈骗罪。
- 首尔高等法院在二审中以侵吞研究经费和非法买卖卵子罪，判处黄禹锡有期徒刑2年，缓期3年执行

为了在激烈的竞争中抢得宣布科研成果的先机，有些研究者不待研究完善就抢先发表论文，甚至不惜伪造数据这就造成了严重的学术不端，黄禹锡也为这种急功近利的不端行为付出沉重的代价



这是2006年1月12日黄禹锡在韩国首尔举行的新闻发布会上道歉的资料照片

# 美两名科学家被查出伪造实验数据

- 2009年《科学家》杂志报道，美国科学诚信办公室（ORI）报告，美国2名肾脏研究人员涉嫌谎报动物实验方法和伪造实验数据，涉及过去8年来共16篇论文和多篇基金申请。
- 这2名科学家（Judith Thomas和Juan Contreras），之前均就职于阿拉巴马大学伯明翰分校（UAB），后者曾在前者手下做博士后。二人不实地报告他们在多个实验中完成了猕猴双肾移除，这些实验用来测试2种免疫抑制药物（免疫毒素FN18-CRM9和15-DSG）在阻止单肾移植排斥反应方面的效力。

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## Renal researchers faked data

Two researchers conducting animal studies on immunosuppression lied about experimental methodologies and falsified data in 16 papers and several grants produced over the past 8 years, according to the Office of Research Integrity (ORI). Image: Rainer Zenz via Wikimedia The scientists, Judith Thomas and Juan Contreras, formerly at the University of Alabama at Birmingham (UAB), falsely reported that they performed double kidney removals on several rhesus macaques in experiments designed to test

By Bob Grant | July 13, 2009

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Two researchers conducting animal studies on immunosuppression lied about experimental methodologies and falsified data in 16 papers and several grants produced over the past 8 years, according to the Office of Research Integrity (ORI). The scientists, Judith Thomas and Juan Contreras, formerly at the

University of Alabama at Birmingham (UAB), falsely reported that they performed double kidney removals on several rhesus macaques in experiments designed to test the effectiveness of two immune suppressing drugs -- Immunotoxin FN18-CRM9 and 15-deoxyspergualin (15-DSG) -- in preventing rejection of a single transplanted kidney. The experimental protocol was to remove one intrinsic kidney, replacing it with a transplant and starting the monkeys on immunosuppressants, and then remove the other intrinsic kidney a month later, according to Richard Marchase, UAB's vice president of research. "What occurred in a good number of these animals was that [Contreras and Thomas] never performed the second surgery," Marchase told [The Scientist](#). In a statement emailed to [The Scientist](#), Marchase called the misconduct "a very serious offense." Thomas's and Contreras's research was funded with more than \$23 million in grants from the National Institutes of Health. UAB officials learned that

Contreras and Thomas had left one native kidney intact in at least 32 animals -- which allowed those animals to live and inflated the apparent effectiveness of the drugs -- on January 27, 2006, when Thomas reported that she found an experimental monkey with one of its native kidneys intact and blamed Contreras for the mistake. Marchase said that Thomas initially alleged that Contreras, a surgeon and Thomas's former postdoc, perpetrated the misconduct on his own without her knowledge, but the UAB investigation eventually showed that Thomas was in on the deception as well. "The lack of second nephrectomies could have been discovered years earlier from examination of animal care records and from questions and concerns raised by various UAB staff," wrote Peter Abbrecht from ORI in a statement emailed to [The Scientist](#), "but the principal investigator [Thomas] did not undertake any such actions, and appeared to exert very little control over the integrity of the study." Thomas accepted responsibility for the misconduct, but both she and Contreras denied intentionally committing fraud, according to the ORI

linkurl:report;http://edocket.access.gpo.gov/2009/E9-15910.htm The ORI investigation found that the misconduct --



Image: Rainer Zenz  
via Wikimedia

# 美两名科学家被查出伪造实验数据

涉及过去8年来共16篇论文和多篇基金申请；当事人均已辞职

- 这2名科学家研究受到美国国立卫生研究院（NIH）2300多万美元的资助，调查发现，2人共涉嫌在16篇论文和多篇NIH基金申请中伪造数据，时间跨度达8年之久。最初的一篇伪造论文于1998年发表在《移植》（*Transplantation*）期刊上，最近的一篇于2005年发表在《免疫学期刊》（*Journal of Immunology*）上。而2人最初在基金申请中伪造数据是在1999年提交给NIH的一份R01资助进度报告中。这16篇论文中的14篇已经被撤销，另外2篇也正在撤销的进程中。
- Thomas之前是NIH国立过敏与传染病研究所（NIAID）董事会成员，事件曝光后，她于2008年1月10日辞去了UAB正教授职位，10年内她将不能接受任何来自美国政府的资助或担任美国公共卫生局（PHS）的顾问。
- Contreras则于7月6日辞去了他在UAB的助理教授职位，3年内不得接受政府资助和担任PHS顾问。此外，UAB还禁止他担任一些项目的PI（研究负责人）。这样，在ORI和UAB的双重处罚下，他获得研究职位的机会已非常渺茫，只好选择辞职。

# 数据造假导致博士学位被撤销

- 编造篡改实验数据
- 2007年7月中国科学院研究生院学位评定委员会撤销中科院上海有机化学研究所一名已经取得博士学位某女博士的博士学位，该女博士发表在化学学术界公认的权威学术期刊《美国化学会志》（Journal of the American Chemical Society）上的论文中存在数据造假的行为。

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Addition/Correction

Catalytic Enantioselective Synthesis of Chiral Phthalides by Sml<sub>2</sub>-Mediated Reductive Cyclization of 2-Acylarylcarboxylates [*J. Am. Chem. Soc.* 2006, 128, 5624–5625].

Ling-Lin Huang, Ming-Hua Xu, \* and Guo-Qiang Lin \*

*J. Am. Chem. Soc.*, 2007, 129 (20), pp 6662-6662  
DOI: 10.1021/ja0768892  
Publication Date (Web): May 16, 2007  
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1. Catalytic enantioselective synthesis of chiral phthalides by Sml<sub>2</sub>-mediated reductive cyclization of 2-acylarylcarboxylates (vol 128, pg 5624, 2006)  
作者: Huang, Ling-Lin; Xu, Ming-Hua; Lin, Guo-Qiang  
JOURNAL OF THE AMERICAN CHEMICAL SOCIETY 卷: 129 期: 20 页: 6662-6662 出版年: MAY 23 2007  
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- 中科院研究生院学位评定委员会认为这种行为严重违反了学术道德，因此决定撤销这名女博士的博士学位。

# 因实验室论文造假辞去行政职务

- 2009年9月《自然》网站报道，瑞士联邦理工学院（ETH Zurich）分管研究的副院长辞职，原因是其小组的论文涉嫌伪造数据。
- 涉嫌造假的2篇论文发表在《化学物理学期刊》（JCP）上。他表示，自己并没有亲自参与处理这些数据，但承认了作为研究小组领导者的责任。不过，虽然辞去副院长职务，仍将担任瑞士联邦理工学院物理有机化学正教授。

The screenshot shows the ETH Zurich website with a news article titled "ETH Zurich's head of research resigns". The article text reads: "At ETH Zurich, there are suspicions that scientific data may have been falsified in two publications and a doctoral thesis in 1999 and 2000. At the request of the group leader Peter Chen, now Vice President Research and Corporate Relations, the Executive Board appointed a panel of experts. It concluded that data had indeed been falsified. However, it is not known for absolute certain who was responsible for the falsifications. Nevertheless, out of respect for ETH Zurich and the function as head of research, Peter Chen has acknowledged his responsibility and decided to step down as Vice President at the end of September 2009." The article also includes a sub-section titled "Intensive search for discrepancies" and "Commission confirms falsification of data".

瑞士联邦理工学院网站相关消息

The screenshot shows the Nature journal website with a news article titled "Research chief steps down over fake data". The article text reads: "Peter Chen's integrity 'undamaged' by incident, says boss. Quirin Schiermeier. The head of research at the Swiss Federal Institute of Technology in Zurich (ETH Zurich) will quit the post after an investigation concluded that data in publications from his group had been faked. Chemist Peter Chen will leave his position as vice-president of research and corporate relations — the job's remit includes quality assurance in research — at the end of September. He says he was not personally involved in handling the data, but acknowledges his responsibility as head of the research group. Chen will, however, remain a full professor of physical-organic chemistry at ETH Zurich. 'We didn't advise Professor Chen to resign from his administrative position,' says Ralf Eichler, president of ETH Zurich. 'But we accept his decision, even though Chen's integrity as a researcher is in my opinion unimpaired.' Chen was not available for comment. Radical results. Chen joined ETH Zurich in 1994 to work in one of Europe's leading chemistry departments. His research involved studying the properties of reactive hydrocarbon free radicals using a technique called zero kinetic-energy photoelectron spectroscopy. But experiments conducted in 1999 and 2000 by members of Chen's group, who have since left ETH Zurich, were called into question shortly after they failed to reproduce the results. The application of the spectroscopic technique to radicals was completely new at the time, says Klaus Müller-Dethlefs, director of the Photon Science Institute at the University of Manchester, UK, who first developed the method in 1984. 'Results now known to be false could then easily slip through as being plausible,' he says. Earlier this year, Chen corrected one paper containing the disputed work that had been published in 2000 in the Journal of Chemical Physics (JCP).<sup>1</sup> At the request of Chen and the executive board of ETH Zurich, a five-strong commission involving in-house and external experts, and chaired by chemist Andreas Plitz of the University of Basel, then investigated whether data had been deliberately falsified in that paper, and in a second JCP publication.<sup>2</sup>

《自然》网站相关报道

瑞士联邦理工学院院长说：“我们并没有建议Chen教授辞去他的行政职务，虽然我们接受了他的决定，但在我的心目中，Chen作为研究人员的诚信并没有受到损害。”

# 捏造和篡改数据

- • 捏造数据是指凭空虚构并记录（或报道）数据或结果
- • 篡改数据是指通过操纵研究材料、设备和过程，或者更改或故意遗漏数据或结果，最终导致研究记录并不真实地反映研究
- **“危害最大的造假行为是稍微扭曲事实的行为”**
- G. C. Lichtenberg (1742–1799)



# 经济学论文因数据错误而被撤销

SSCI收录期刊《经济发展季刊》  
(Economic Development Quarterly) 发表声明，因数据错误撤销台湾研究人员的一篇学术论文。

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## How ICT Penetration Influences Productivity Growth Evidence From 17 OECD Countries

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<sup>1</sup>Tunghai University, Taichung, Taiwan

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### Abstract

Wang, Y.-C. (2015) How ICT Penetration Influences Productivity Growth: Evidence From 17 OECD Countries, *Economic Development Quarterly*, 29: 79-92. First published on March 5, 2013 doi:10.1177/0891242413478650.

This article was published in error and has been retracted at the request of the author. The author requested the article be withdrawn after publication on Online First but prior to publication in the February 2015 issue, informing the journal that the paper included the original dataset and excerpts from an earlier draft of the paper co-written by the author and colleagues. The research in the paper was funded by the Australian Research Council (ARC) and Defense Cyber Investigations Training Academy (DCITA).

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### This Article

Published online before print March 5, 2013, doi: 10.1177/0891242413478650

Economic Development Quarterly February 2015 vol. 29 no. 1 79-92

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## 《经济发展季刊》撤销声明

Article  
**How ICT Penetration Influences Productivity Growth: Evidence From 17 OECD Countries**  
Yi-Chia Wang<sup>1,2</sup>  
Economic Development Quarterly  
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ISSN 0891-2424

**Abstract**  
This article constructs an unbalanced panel data set based on a varying sample period of 1980-2004 for 17 OECD countries to analyze the impact of information and communication technology (ICT) on productivity growth. This article divides ICT capital stock into three categories, namely communication equipment, information technology (IT) equipment (hardware), and software, and uses them together with telecommunication demand and personal computer (PC) penetration rate as productivity-related explanatory variables. It then estimates a macro production function including micro models for ICT investment, telecommunication demand, and PC penetration. The estimation results suggest that the three categories of ICT capital stock together with telephone and PC penetration rates positively and significantly influence productivity growth in the selected high-income economies. Moreover, once the level of digitalization reaches 70%, it also provides a networked contribution to productivity growth.

**Keywords**  
information and communication technology, ICT, productivity growth

**Introduction**  
Productivity is the long-term driver of economic growth and the prosperity of nations. Productivity growth depends on the quantity and quality of the factors of production available to a country and the social framework in which they operate. Most Western economies began to experience a productivity slowdown beginning in 1973. In the United States, measured in economy-wide productivity (GDP per worker) and total factor productivity (TFP), averaged just 1.5% in the period 1973-1990, a sharp decline from the average of the preceding decades (Figure 1). Another's productivity growth slowed in several other major economies, with labor productivity averaging 1.7% per year and the rate of TFP growth being just 0.7% per year.

This was of special concern given the large capital investments being made into information technology (IT) and the increases in labor skills accompanying the spread of new computer technology. Nobel Laureate in Economics Robert Solow indeed commented in 1987 that "one saw computers everywhere but in the productivity statistics." However, since around 1993, both labor productivity and TFP began to surge in the United States. Because of the lags in data availability and analysis, it was not until the landmark study of Jorgenson and Stiroh in 2000 that economists recognized that something unusual had begun to occur in U.S. economy-wide productivity in the mid-1990s.

Until the mid-1990s, the billions of dollars that businesses had poured into information technology seemed to have had little effect on productivity growth. The importance of the communication part of ICT is further illustrated in the following quote by Alan Greenspan (2000):

"By the mid-1990s, the billions of dollars that businesses had poured into information technology seemed to have had little effect on productivity growth. The importance of the communication part of ICT is further illustrated in the following quote by Alan Greenspan (2000):"

Wang  
97

Table 7. The CAGRs of GDP per Working Hour, GDP per Capita, and Non-ICT Capital Stock per Working Hour for OECD Countries.

	GDP per hour worked (in 2000 US\$)		GDP per capita (in 2000 US\$)		Non-ICT capital per hour worked (in 2000 US\$)				
	1980	2004	1980	2004	1980	2004			
Austria	25.75	39.68	1.96	18.024	27.291	1.76	41.30	78.85	2.53
Australia	21.66	31.62	1.59	16.962	27.017	1.96	50.06	60.72	0.77
Belgium	26.41	41.40	2.02	16.508	25.557	1.75	56.63	77.28	1.33
Canada <sup>a</sup>	23.09	30.65	1.33	17.291	27.311	2.03	47.46	53.61	0.52
Germany	21.99	37.60	2.26	16.394	23.535	1.52	53.55	68.33	1.02
Denmark	22.05	37.00	2.18	17.980	27.209	1.74	35.95	70.62	2.74
Spain	18.43	27.90	1.74	11.625	20.748	2.44	24.87	40.77	3.17
France	18.17	34.02	2.26	15.424	24.882	2.01	38.89	63.19	2.05
Greece	25.45	43.83	2.20	17.660	24.610	1.98	38.19	61.19	3.37
Denmark	17.97	23.65	1.15	12.540	17.425	1.01	19.19	49.89	1.98
Ireland	15.79	42.17	4.32	10.056	30.818	4.18	25.91	51.42	7.90
Italy	24.72	34.95	1.45	16.511	23.628	1.31	35.49	50.79	2.16
Netherlands	28.11	38.95	1.37	17.208	25.587	1.75	64.04	78.28	0.84
Portugal	12.29	20.24	2.10	10.258	18.775	2.19	16.54	31.92	2.78
Sweden	21.49	34.65	1.99	16.422	24.350	1.87	39.93	50.29	1.28
United Kingdom	18.83	33.07	2.37	14.504	25.456	2.37	26.97	46.08	2.26
United States	24.68	38.30	1.85	19.939	32.661	2.07	42.77	54.67	1.03

Note: CAGR = compound annual growth rate; GDP = gross domestic product; ICT = information and communication technology; a based on 1980, the total year for Canada in 1981 based on the available data set.

Table 8. The CAGRs of ICT Capital Stock per Working Hour for OECD Countries.

	IT capital per hour worked (in 2000 US\$)		Communication capital per hour worked (in 2000 US\$)		Software capital per hour worked (in 2000 US\$)				
	1980	2004	1980	2004	1980	2004			
Austria	0.017	0.064	21.31	0.64	2.36	5.19	.02	0.86	17.68
Australia	0.017	0.040	24.31	0.57	1.64	4.50	.04	2.21	18.66
Belgium	0.017	0.091	19.95	0.28	2.17	8.96	.06	0.87	12.02
Canada <sup>a</sup>	0.017	0.111	21.66	0.62	2.84	4.08	.07	1.59	12.61
Germany	0.020	1.389	19.31	0.65	1.76	4.22	.05	0.86	12.75
Denmark	0.014	0.194	19.32	0.23	0.63	4.27	.06	1.66	14.83
Spain	0.017	0.657	16.31	0.38	1.11	4.52	.07	0.61	9.34
France	0.014	0.391	15.02	0.16	3.80	14.03	.16	1.59	19.02
Greece	0.007	0.827	21.22	0.29	1.66	7.68	.05	0.99	13.18
Ireland	0.026	0.799	15.42	2.58	1.59	-1.98	.03	0.21	9.27
Italy	0.012	1.045	20.31	0.11	1.04	9.70	.07	0.26	5.83
Netherlands	0.022	0.192	17.19	0.92	2.50	4.24	.07	0.94	9.48
Portugal	0.006	0.713	9.23	0.71	1.21	2.22	.03	0.10	2.64
Sweden	0.032	1.771	18.27	0.63	0.89	3.64	.07	1.43	12.80
United Kingdom	0.016	1.616	21.21	0.33	1.30	7.50	.03	0.10	3.50
United States	0.022	2.266	18.95	0.79	2.97	6.23	.09	1.70	13.03

Note: ICT = information and communication technology; CAGR = compound annual growth rate; a based on 1980, the total year for Canada in 1981 based on the available data set.

# 美国本特利大学前教授James E. Hunton因学术不端被撤稿31篇

- James E. Hunton教授在2012年因陈述错误撤销一篇《会计研究》(*Accounting Review*) 论文，随后 James E. Hunton便因家庭及身体方面原因辞去本特利大学 (Bentley University) 教授职务。
- 2014年一项调查得出结论，James E. Hunton在两篇论文中**伪造数据**，并很有可能销毁了证据。一篇是2012年已被撤销的《会计研究》论文，另一篇《现代会计研究》(*Contemporary Accounting Research*) 论文在2014年被撤稿。但本特利大学发出声明称，本特利大学不能确定James E. Hunton发表的其他论文是否有问题，因此将调查James E. Hunton在本特利大学期间发表的所有论文并将此事通告论文所在的期刊。

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## SSCI撤销记录

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Page 1 of 1

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- Can directors' self-interests influence accounting choices? (Retraction of vol 33, pg 783, 2008)**  
By: Hunton, James E.; Rose, Jacob M.  
ACCOUNTING ORGANIZATIONS AND SOCIETY Volume 50 Pages: 74-74 Published: APR 2016  
Full Text from Publisher
- Will corporate directors engage in bias arbitrage to curry favor with shareholders? (Retraction of vol 31, pg 432, 2012)**  
By: Hunton, James E.; Rose, Jacob M.  
JOURNAL OF ACCOUNTING AND PUBLIC POLICY Volume 35 Issue: 1 Pages: 107-107 Published: JAN-FEB 2016  
Full Text from Publisher
- The impact of Client and Auditor Gender on Auditors' Judgments (Retraction of vol 23 , pg 1, 2009)**  
By: Gold, Anna; Hunton, James E.; Gomaa, Mohamed I.  
ACCOUNTING HORIZONS Volume 29 Issue: 3 Pages: 743-743 Published: SEP 2015  
Full Text from Publisher
- Does Graduate Business Education Contribute to Professional Accounting Success? (Retraction of vol 19, pg 85, 2005)**  
By: Wier, Benson; Stone, Dan N.; Hunton, James E.  
ACCOUNTING HORIZONS Volume 29 Issue: 3 Pages: 745-745 Published: SEP 2015
- Sampling Practices of Auditors in Public Accounting, Industry, and Government (Retraction of vol 16, pg 125, 2002)**  
By: Hall, Thomas W.; Hunton, James E.; Pierca, Bethane Jo  
ACCOUNTING HORIZONS Volume 29 Issue: 3 Pages: 747-747 Published: SEP 2015
- Effects of Anonymous Whistle-Blowing and Perceived Reputation Threats on Investigations of Whistle-Blowers Allegations by Audit Committee Members (vol 48, pg 75, 2011)**  
By: Hunton, J. E.; Rose, J. M.  
JOURNAL OF MANAGEMENT STUDIES Volume: 52 Issue: 6 Pages: 849-849 Published: SEP 2015  
Full Text from Publisher View Abstract
- Potential Functional and Dysfunctional Effects of Continuous Monitoring (Retraction of vol 83, pg 1551, 2008)**  
By: Hunton, James E.; Mauldin, Elaine G.; Wheeler, Patrick R.  
ACCOUNTING REVIEW Volume: 90 Issue: 4 Pages: 1709-1709 Published: JUL 2015

## Retraction Watch

### Accounting professor notches 30 (!) retractions after misconduct finding

with 4 comments

It began with a retraction due to a "misstatement" in November 2012, which led to an investigation that found the first author, [James E. Hunton](#), guilty of misconduct. Now, the floodgates have opened, and Hunton has 31 retractions under his belt, making him the [newest addition to the Retraction Watch leaderboard](#).



James Hunton, via Bentley University

A month after the first retraction in 2012, Hunton [resigned](#) from his accounting professorship at Bentley University, citing family and health concerns.

Then, in 2014, a university investigation concluded that Hunton [fabricated data](#) in two papers and may have destroyed evidence. The first paper was the one retracted from *Accounting Review* for a misstatement; the second was [retracted](#) from *Contemporary Accounting Research* in December 2014. Even though the investigation centered around two publications, the university suggested more may be affected.

“Bentley cannot determine with confidence which other papers may be based on fabricated data. We will identify all of the co-authors on papers Dr. Hunton published while he was at Bentley that involve research data. We will inform them that, unless they have independent evidence of the validity of the data, we plan to ask the journals in which the papers they co-authored with Dr. Hunton were published to determine, with the assistance of the co-authors, whether the data analyzed in the papers were valid. The various journals will then have the discretion to decide whether any further action is warranted, including retracting or qualifying, with regard to any of Dr. Hunton's papers that they published.”

This month, the *Journal of Accounting Research* has [pulled three papers](#) co-authored by Hunton and published an expression of concern about a fourth that included some of his data. We also found another paper in *Contemporary Accounting Research* that was retracted in January.

Last week, the American Accounting Association [released a list of 25 additional papers \(and a section of one article\)](#) it's [retracting from its journals](#), following the 2014 investigation. The reason for the retractions, according to the AAA, is:

“...the pattern of misconduct identified in the investigation summary, "Report of Judith A. Malone, Bentley University Ethics Officer, Concerning Dr. James E. Hunton (2014)" the October 2014 supplement to that report, and the coauthors' inability to provide data or other information supporting the existence of primary data, or to confirm that their studies were conducted as described in the published articles. Consistent with the findings in the Bentley University investigation summary, the Association review team found no evidence that Dr. Hunton's coauthors were aware of or complicit in Dr. Hunton's actions.”

By our count, that's 31 retractions for Hunton. In some cases, his co-authors agreed to the retraction and Hunton objected (through a lawyer) or did not respond to comment.

The three retracted papers from *JAR* are:

- "Analysts' reactions to earnings preannouncement strategies," H-T Tan, J. E. Hunton, and R. Libby, *Journal of Accounting Research*, Vol. 40, No. 1 (March 2002): 223-246. [Paper: Retraction notice](#). (Cited 41 times, according to Thomson Scientific's Web of Knowledge)
- "Recognition v. disclosure, auditor tolerance for misstatement, and the reliability of stock compensation and lease information," R. Libby, M. W. Nelson, and J. E. Hunton, *Journal of Accounting Research*, Vol. 44, No. 3 (June 2006): 533-560. [Paper: Retraction notice](#). (Cited 48 times)
- "Relationship incentives and the optimistic/pessimistic pattern in analysts' forecasts," R. Libby, J. E. Hunton, H-T Tan, and N. Seybert, *Journal of Accounting Research*, Vol. 46, No. 1 (March 2008): 173-198. [Paper: Retraction notice](#). (cited 25 times)

The retracted paper from *CAR* is:

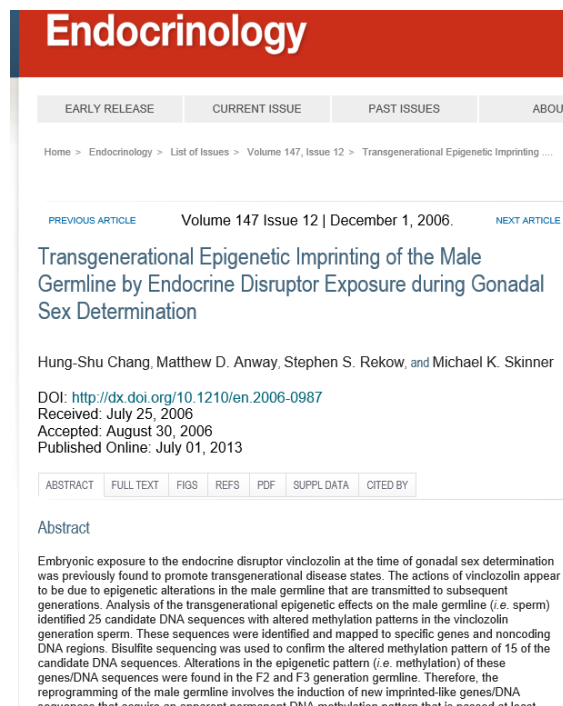
2015年1月《现代会计研究》撤销了James E. Hunton一篇论文，6月《会计研究》撤销了James E. Hunton三篇论文。美国会计协会 (American Accounting Association) 依据2014年对James E. Hunton的调查，列举出了James E. Hunton被撤的25篇文章及所在的期刊。

# 华人学者捏造论文数据遭撤销

## 两幅图表存在数据捏造

- 2010年《科学家》杂志报道，美国科研诚信办公室（ORI）的一份报告显示，在美国华盛顿州立大学一名前台湾博士后的一篇表观遗传学的论文中，**有两幅图表曾存在数据捏造。**
- 该台湾访问博士后，于2005至2006年在华盛顿州立大学生殖与环境表观遗传学教授迈克尔·斯金纳（Michael Skinner）的实验室从事研究工作。
- 这篇2006年发表在期刊《内分泌学》（*Endocrinology*）上的论文因数据捏造被撤销

在科学研究中，规模大、数量多的实验所产生的原始数据由一个人来掌握，这种情况是十分常见的，由此使得数据捏造行为具有隐蔽性，往往不易察觉



# 数据造假与图表伪造论文遭撤销

牵涉一华人学者

- 因被查出存在**数据造假**，美国埃默里大学（Emory University）3篇心脏病学论文遭到撤销。
- 这3篇论文有2篇发表在《动脉硬化、血栓与血管生物学》（*Arteriosclerosis, Thrombosis, and Vascular Biology*）上，1篇发表在《循环研究》（*Circulation Research*）上。



《动脉硬化、血栓与血管生物学》撤销声明一

据《动脉硬化》的撤销声明称，埃默里大学学术规范办公室发现发表在《动脉硬化》期刊上的2篇文章**也存在图表伪造行为**



《动脉硬化、血栓与血管生物学》撤销声明二

# 数据造假与图表伪造论文遭撤销

- 《循环研究》撤销声明中，埃默里大学学术规范办公室表示，经过调查，加上论文作者之一、埃默里大学心脏病学者Lian Zuo自己的供述，发现《循环研究》论文总共23处造假，其中有16处是Lian Zuo所为。

**Circulation Research**  
Retraction  
Correction  
cAbi Tyrosine Kinase Mediates Reactive Oxygen Species- and Caveolin-Dependent AT<sub>1</sub> Receptor Signaling in Vascular Smooth Muscle: Retraction  
The Emory University Office of Research Compliance has requested that the following article be retracted from publication in *Circulation Research*:  
Ushio-Fukai M, Zuo L, Ikeda S, Tojo T, Patrushev NA, Alexander RW. cAbi Tyrosine Kinase Mediates Reactive Oxygen Species and Caveolin-Dependent AT<sub>1</sub> Receptor Signaling in Vascular Smooth Muscle: Role in Vascular Hypertrophy. *Circ Res* 2005;97:829-836.  
The Emory University Investigation Committee conducted an institutional investigation of fraudulent data published in Ushio-Fukai et al. *Circ Res* 2005;97:829-836. Emory University Office of Research Compliance reported that Dr. Lian Zuo admitted to the Emory University Investigation Committee to falsifying Figures 2A top panel, 3C top panel, 3C bottom panel, 4A top panel, 5B top panel right, 5B bottom panel left, and 5B bottom panel right. The Emory Investigation Committee reported it found evidence to conclude that the following figures were also falsified by Dr. Lian Zuo: 1A top and lower panels, 3A top panel, 3A second panel, 3A bottom panel, 3B bottom panel, 4C bottom panel, and 6A top and bottom panels. The Emory University Investigation Committee also reported it found Figures 2A bottom panel, 2B bottom panel, 3B top panel, 4B bottom panel, 4D bottom panel, 5A middle panel, and 6B bottom panel to be falsified, but the Committee was unable to determine who was responsible for the falsification.  
The Office of Research Integrity has been involved with ...  
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作者: Zuo L, Ushio-Fukai M, Ikeda S, 等  
ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY 卷: 31 期: 6 页: E10-E10 出版年: MAY 2011  
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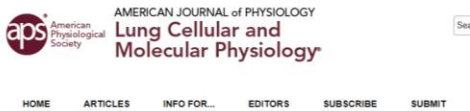
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Caveolin-1 is Essential for Activation of Rac1 and NAD(P)H Oxidase after Angiotensin II Type 1 Receptor Stimulation in Vascular Smooth Muscle Cells: Role in Redox Signaling and Vascular Hypertrophy (Retraction of vol 25, pg 1824, 2005)  
作者: Zuo L, Ushio-Fukai M, Ikeda S, 等  
ARTERIOSCLEROSIS THROMBOSIS AND VASCULAR BIOLOGY 卷: 31 期: 6 页: E9-E9 出版年: MAY 2011  
全文 查看摘要  
被引用次数: 9

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出版物名称: (Circulation Research) AND 标题: 一篇文章  
cAbi tyrosine kinase mediates reactive oxygen species and caveolin-dependent AT<sub>1</sub> receptor signaling in vascular smooth muscle - Role in vascular hypertrophy (Retracted article. See vol. 106, pg. 1784, 2010)  
作者: Ushio-Fukai M, Zuo L, Ikeda S, 等  
CIRCULATION RESEARCH 卷: 97 期: 8 页: 829-836 出版年: OCT 14 2005  
全文 查看摘要  
被引用次数: 56

目前《动脉硬化》的2篇文章分别被引用了82次和33次，《循环研究》的文章被引用了56次。

# 美国埃默里大学科学家因数据重复被撤一篇论文

2015年 *International Journal of Cancer* 《国际癌症杂志》撤销了美国埃默里大学 ShouWei Han 一篇论文。该论文主要研究人类肺癌细胞中的信号通路。《国际癌症杂志》发出通告称，经过调查，发现论文中数据出现重复，并认定这些错误是由第一作者兼通讯作者 ShouWei Han 造成的。共同作者 Jesse Roman 联合《国际癌症杂志》主编一起要求撤稿，并对此引起的不便表示歉意



Retraction American Journal of Physiology - Lung Cellular and Molecular Physiology Published 1 May 2012 Vol. 31

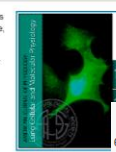
Volume 254, June 2008  
Volume 35, June 2009  
**《美国生理学期刊》**  
Han S, Ritzenthaler JD, Zheng Y, Roman J. PPAR $\delta$  agonist stimulates human lung carcinoma cell growth through inhibition of PTEN expression: the involvement of PI3K and NF- $\kappa$ B signals. *Am J Physiol Lung Cell Mol Physiol* 294: L1238-L1249, 2008.  
The authors request the retraction of this article. The reasons for this request are as follows. Data presented in Fig. 1 G were manipulated and duplicated in Fig. 4C. Images presented in Fig. 1, A, E, and H were manipulated and represent duplications of data presented elsewhere. Also, actin controls for Fig. 5, F and H and for Fig. 5, A and B were duplicated.  
An investigation conducted by the University of Louisville concluding that the digital manipulations and image duplications were performed by the first and corresponding author, ShouWei Han, without the knowledge of the other coauthors. ShouWei Han has not responded to requests by the journal's investigation committee. The journal's investigation committee has reviewed the data and apologizes to the readers of the journal.

ShouWei Han 毕业于华西医科大学，曾在路易斯维尔大学和埃默里大学任职

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COX-2 inhibitors suppress integrin alpha 5 gene expression in human lung carcinoma cells through activation of Erk: involvement of Sp1 and AP-1 sites (Retraction of vol 116, pg 536, 2005)  
作者: Han, SW (Han, Shouwei), Roman, J (Roman, Jesse)  
INTERNATIONAL JOURNAL OF CANCER  
卷: 137 期: 8 页: 2041-2041  
DOI: 10.1002/ijc.29584  
出版日期: OCT 15 2015  
查看期刊信息  
摘要  
This article has been retracted at the request of Editor-in-Chief and Co-author COX-2 inhibitors suppress integrin 5 gene expression in human lung carcinoma cells through activation of Erk: involvement of Sp1 and AP-1 sites' by ShouWei Han and Jesse Roman. The above article, published online on 11 April 2005 (Wiley Online Library [1]), has been retracted by agreement between the co-author, the Journal Editor-in-Chief, Prof. Peter Lichter, and Wiley Periodicals, Inc. Retraction has been agreed because serious errors related to image duplication were identified in some of the figures presented. An investigation found that the errors were performed by the first and corresponding author, ShouWei Han, without the knowledge of the co-author. ShouWei Han has not responded to requests by the journal or the co-author. Therefore, the co-author has requested the Retraction of this article and apologizes to the readers of the journal. Reference: Han, S. and Roman, J. (2005). COX-2 inhibitors suppress integrin 5 expression in human lung carcinoma cells through activation of Erk: Involvement of Sp1 and AP-1 sites. *Int. J. Cancer*, 116: 536-546. doi: 10.1002/ijc.21125  
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研究方向: Oncology  
Web of Science 类型: Oncology  
文献信息  
文献类型: Correction

### Retraction seven for Shouwei Han, this one in the American Journal of Physiology

without comments  
ShouWei Han, who has been forced to retract six papers from various physiology journals following an investigation into his work by his former employer, the University of Louisville, has added another one to his tally.  
Here's the notice, from the American Journal of Physiology: Lung Cellular and Molecular Physiology. [Read the rest of this entry >](#)  
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Retraction in an [AJPH](#) press cell not bio behind a journal cell biology: corrections duplication retractions image manipulation misconduct investigations oncology retractions show are the retractions society journal retractions united states scientific of toxicology retractions

### Group investigated by University of Louisville corrects lung cancer pap after retracting six others

without comments  
A group of researchers whose work has been under investigation at the University of Louisville has issued a correction for a paper in the *American Journal of Respiratory Cell and Molecular Biology* (AJRCMB).  
The correction follows three retractions each in the *Journal of Biological Chemistry* and the AJRCMB; the latter of which made it clear that lab member Shouwei Han was responsible for the manipulations and duplications that brought down the papers. Here's the new notice, which appeared in the March 1, 2012 issue of the journal. [Read the rest of this entry >](#)  
Share this:  
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Written by Ivan Oransky  
April 11th, 2012 at 9:30 am  
Posted in [an \[AJPH\]\(#\) press cell not bio behind a journal cell biology: corrections duplication retractions image manipulation misconduct investigations oncology retractions show are the retractions society journal retractions united states scientific of toxicology retractions](#)

Two more retractions in respiratory journal as University of Louisville completes investigation with 2 comments

### Retraction Watch

#### Eighth retraction published for former physiology researcher

without comments  
A lung cancer paper in the *International Journal of Cancer* has been retracted because of "serious errors related to image duplication." This marks the eighth retraction for first author, [ShouWei Han](#).  
IJC International Journal of Cancer

The decision was made by the journal's editor-in-chief, the publisher Wiley and co-author Jesse Roman (a co-author on Han's other retracted papers). According to the notice, Han didn't respond to requests by the journal or the co-author.

In 2011, Han was the target of an investigation by his former employer, the University of Louisville in Kentucky. Papers in the *Journal of Biological Chemistry*, the *American Journal of Respiratory Cell and Molecular Biology* and *American Journal of Physiology: Lung Cellular and Molecular Physiology* have been retracted.

Here's the full retraction notice for the latest retraction:

The above article, published online on 11 April 2005 in Wiley Online Library (wileyonlinelibrary.com), has been retracted by agreement between the co-author, the journal Editor-in-Chief, Prof. Peter Lichter, and Wiley Periodicals, Inc. The Retraction has been agreed because serious errors related to image duplication were identified in some of the figures presented. An investigation found that the errors were performed by the first and corresponding author, ShouWei Han, without the knowledge of the co-author. ShouWei Han has not responded to requests by the journal or the co-author. Therefore, the co-author has requested the Retraction of this article and apologizes to the readers of the journal.

Managing editor Sheryl Sundell said there wasn't much more to add:

We really don't have too much more to report. An independent reporter reported the problem to us and we followed the [Committee on Publication Ethics] guidelines in dealing with the case and investigation. Otherwise, the specific details are published in the retraction notice.

The paper, "COX-2 inhibitors suppress integrin 5 gene expression in human lung carcinoma cells through activation of Erk: involvement of Sp1 and AP-1 sites," was published in 2005 and detailed how drugs that inhibit COX-2 can reduce the risk of lung cancer. It has been cited 26 times, according to Thomson Scientific's Web of Knowledge.

Emails addresses listed under Han at Louisville and Emory are no longer active, and we couldn't find any other contact information. We've contacted Roman and we'll update if we receive any response.

Like Retraction Watch? Consider supporting our growth! You can also follow us on Twitter, like us on Facebook, add us to your RSS reader, and sign up on our homepage for an email every time there's a new post. [Click here to review our Comments Policy.](#)

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6. Extracellular matrix fibronectin increases prostaglandin E-2 receptor subtype EP4 in lung carcinoma cells through multiple signaling pathways. THE ROLE OF AP-2 (vol 282, pg 7961, 2007)  
作者: Han, ShouWei, Ritzenthaler, Jeffrey D., Wingerd, Byron, 等  
JOURNAL OF BIOLOGICAL CHEMISTRY 卷: 286 期: 28 页: 25416-25416 出版日期: JUL 15 2011  
被引频次: 0 (来自 Web of Science 的核心合集)  
使用次数 >

7. Activation of peroxisome proliferator-activated receptor beta/delta (PPAR beta/delta) increases the expression of prostaglandin E-2 receptor subtype EP4. THE ROLES OF PHOSPHATIDYLINOSITOL 3-KINASE AND CCAAT/ENHANCER-BINDING PROTEIN beta (vol 280, pg 33240, 2005)  
作者: Han, ShouWei, Ritzenthaler, Jeffrey D., Wingerd, Byron, 等  
JOURNAL OF BIOLOGICAL CHEMISTRY 卷: 286 期: 28 页: 25416-25416 出版日期: JUL 15 2011  
被引频次: 0 (来自 Web of Science 的核心合集)  
使用次数 >

8. Fibronectin increases matrix metalloproteinase 9 expression through activation of c-Fos via extracellular regulated kinase and phosphatidylinositol 3-kinase pathways in human lung carcinoma cells (vol 281, pg 29614, 2006)  
作者: Han, ShouWei, Ritzenthaler, Jeff D., Sitarman, Shanthi V., 等  
JOURNAL OF BIOLOGICAL CHEMISTRY 卷: 286 期: 28 页: 25416-25416 出版日期: JUL 15 2011  
被引频次: 96 (来自 Web of Science 的核心合集)  
使用次数 >

据统计，这是 ShouWei Han 第八次被撤稿

# 数据造假和数据剽窃论文被撤销

- 2010年《自然》网站报道，美国一位博士被发现存在学术不端行为，而线索竟然是四年前发生的一起论文撤销事件。
- 2006年3月至6月间，美国哥伦比亚大学化学教授因其与同事无法重现实验结论而撤销了六篇文章，震惊了当时的化学界

The screenshot shows the Nature News Blog interface. The main article is titled "Former chemistry grad student found guilty of fraud" and is dated 30 Nov 2010. The article text states: "A former graduate student has been found guilty of misconduct in a high profile case that rocked the chemistry community four years ago and resulted in the retraction of six papers." It mentions a chemist at Columbia University in New York who retracted six papers between March and June 2006. The article also discusses the Office of Research Integrity's findings and the student's subsequent move to Turkey.

The screenshot shows the Web of Science search results for the author "Sezen Bengu". The search results list four articles, all of which have been retracted. The first article is "C-C bond formation via C-H bond activation: Catalytic arylation and alkenylation of alkane segments (Retraction of vol 124, pg 13372, 2002)". The second is "Diversity synthesis via C-H bond functionalization: Concept-guided development of new C-arylation methods for imidazoles (Retraction of vol 125, pg 10580, 2003)". The third is "Selective C-arylation of free (NH)-heteroarenes via catalytic C-H bond functionalization (Retraction of vol 125, pg 5274, 2003)". The fourth is "Cobalt-catalyzed arylation of azole heteroarenes via direct C-H bond functionalization (Retraction of vol 5, pg 3607, 2003)". The page also shows the author's name "Sezen Bengu" and the journal "JOURNAL OF THE AMERICAN CHEMICAL SOCIETY".

## 《自然》网站相关报道

- 美国科研诚信办公室 (ORI) 于2010年11月29日发布一项通告，指控该教授实验室昔日的一位博士存在21项学术不端行为，其中包括在三篇发表论文和博士学位论文中的数据造假和数据剽窃行为。
- 处罚：今后5年内该博士将无法得到美国政府的任何经费资助，并被禁止参与和美国公共卫生署 (PHS) 有关的任何咨询工作 (包括学术同行评审在内)。

## SCI收录与撤销记录

# 澳大利亚医生因伪造数据撤销一篇JAMA论文

- 因论文数据涉嫌造假，2015年《美国医学会杂志》发表撤销声明，该论文主要研究某心脏病药物的功能。论文作者的亚分析实验显示论文数据异常，进一步调查发现论文的第一作者兼通讯作者Anna A. Ahimastos对数据造假负有主要责任，其他合作作者并未牵涉其中。因此，作者们要求撤稿，并对此引起的不便表示歉意。
- 同时，对此研究的亚分析实验结果发表在《循环研究》上，Anna A. Ahimastos为第一作者，由于此次造假事件的影响，该论文也已被撤销。目前，Anna A. Ahimastos已从研究所辞职。

## SCI撤销记录

### Retraction Watch

“Fabricated results” retract JAMA clinical trial, plus a sub-analysis of the data

A JAMA clinical trial that suggested a blood pressure drug could help patients increase their physical fitness, and a sub-analysis of those data, have been retracted after “an admission of fabricated results” by the first author on both papers.



The [three-year clinical trial](#) was published in JAMA in 2013. It was retracted this morning. The trial found ramipril helped patients with artery disease walk longer and with less pain, according to the abstract. “Among patients with intermittent claudication, 24-week treatment with ramipril resulted in significant increases in pain-free and maximum treadmill walking times compared with placebo. This was associated with a significant increase in the physical functioning component of the SF-36 score.” The [retraction note](#) explains how the fabricated data came to light. “To the Editor We wish to retract the article “Effect of Ramipril on Walking Times and Quality of Life Among Patients With Peripheral Artery Disease and Intermittent Claudication: A Randomized Controlled Trial” published in the February 6, 2013, issue of JAMA. A recent internal sub-analysis of the data revealed anomalies, which triggered an investigation and an admission of fabricated results by Anna A. Ahimastos, PhD, who is both the first and corresponding author and was responsible for data collection and integrity for the article. No other coauthors were involved in this misrepresentation. In particular, the data collected at the Townsville and Brisbane sites remain valid. Given the current indications for ramipril, we do not believe that patients have been adversely affected. All authors recognize the seriousness of this issue and apologize unreservedly to the editors, reviewers, and readers of JAMA. A system of good clinical practice was in place; however, clinical governance and audit procedures will be reviewed and strengthened to minimize the chance of possible recurrence of such behavior. We are also in the process of examining other studies for which Dr Ahimastos had oversight of data collection and integrity.”

## 撤销报道

We sincerely regret that this study has been compromised. We feel deeply disappointed and let down by this situation and are committed to rapidly correcting the public record and implementing practices to prevent recurrence. According to JAMA the paper has been cited 35 times. Currently, ramipril — brand name Altace — is indicated for lowering blood pressure and, in high-risk older patients, reducing the odds of cardiovascular events such as heart attack or stroke. The sub-analysis, “Potential vascular mechanisms of ramipril induced increases in walking ability in patients with intermittent claudication,” was published in *Circulation Research*, and retracted last week. It’s been cited three times, according to Thomson Scientific’s Web of Knowledge. Its [retraction notice](#) is similar to that of the clinical trial. “A recent internal sub-analysis by Baker IDI Heart and Diabetes Institute (“the Institute”) of the data presented in this article revealed anomalies that triggered an investigation, which resulted in an admission of fabricated results by Dr Anna Ahimastos. Dr Ahimastos is both the first and corresponding author of this article, and was

- Potential vascular mechanisms of ramipril induced increases in walking ability in patients with intermittent claudication (vol 114, pg 1144, 2014)  
作者: Ahimastos, A. A.; Latouche, C.; Natoli, A. K.; 等.  
[CIRCULATION RESEARCH](#) 卷: 117 期: 7 页: E64-E64 出版年: SEP 11 2015
- Effect of Ramipril on Walking Times and Quality of Life Among Patients With Peripheral Artery Disease and Intermittent Claudication A Randomized Controlled Trial  
作者: Ahimastos, Anna A.; Walker, Philip J.; Askew, Christopher; 等.  
JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION 卷: 309 期: 5 页: 453-460 出版年: FEB 6 2013

## 撤销

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## ESI高被引论文



# 篡改数据 《生物化学》 撤销前匹兹堡大学学者的论文

2015年因发现数据有篡改的痕迹，ACS《生物化学》撤销了美国匹兹堡大学两篇论文，论文通讯作者均为前匹兹堡大学研究人员Tong Wu。

这两篇论文均研究癌症细胞生长的信号通路。匹兹堡大学的调查发现，这两篇论文中免疫印迹的数据出现不正常的裁剪，并且这两篇论文中部分数据是一致的。

2015年初，Tong Wu的另外两篇论文因篡改数据被撤稿。

Tong Wu教授目前任职于美国杜兰大学，由于数据重复，任职于美国杜兰大学发表的4篇论文也被撤销。

Tong Wu 发表在ACS《生物化学》六篇论文均已经被撤稿。

## Retraction Watch

Tracking retractions as a

### UPit investigation brings total retraction count to four for pair of cancer researchers

with one comment

An official inquiry by the University of Pittsburgh has led to two more retractions for a pair of cancer researchers, Tong Wu and Chang Han. By our count, the pair now have four retractions under their belt, all the result of the university investigation.

The *Journal of Biological Chemistry* published the notices earlier this month, after it was discovered the papers contained cropped panels, among other issues. Importantly, the two papers appear to have shared some data.

One 2006 paper, "Modulation of Stat3 Activation by the Cytosolic Phospholipase A2 $\alpha$  and Cyclooxygenase-2-controlled Prostaglandin E2 Signaling Pathway," investigated the molecular actors in cancer growth, such as overexpression of cyclooxygenase-2 (COX-2). It has been cited 74 times, according to Thomson Scientific's Web of Knowledge. Here's the notice:

"This article has been retracted by the publisher. An investigation at the University of Pittsburgh found that the blots shown in Fig. 6F appear to be derived from blots shown in Fig. 6C, or vice versa, with some cropping of the panels and that the blots in Fig. 9B were used to represent the results of a different experiment in Fig. 8C of a different article (Han, C., and Wu, T. (2005) Cyclooxygenase-2-derived prostaglandin E2 promotes human cholangiocarcinoma cell growth and invasion through EP1 receptor-mediated activation of the epidermal growth factor receptor and Akt. *J. Biol. Chem.* 280, 24053-24063).

The other retracted article, "Cyclooxygenase-2-derived Prostaglandin E2 Promotes Human Cholangiocarcinoma Cell Growth and Invasion through EP1 Receptor-mediated Activation of the Epidermal Growth Factor Receptor and Akt," also looked at how COX-2-derived prostaglandin E2 (PGE<sub>2</sub>) promotes cancer growth. The study, published in 2005, has been cited 109 times.

The notice reads:

"This article has been retracted by the publisher. An investigation at the University of Pittsburgh found that the EGFR bands in Fig. 2 appeared to be similar to the Akt bands in Fig. 4, and the blots



## Retraction Watch

Tracking retractions as a

### Four JBC retractions add up to 8 in total for cancer research pair

with one comment

The *Journal of Biological Chemistry* is retracting four papers by a pair of cancer researchers at Tulane University, bringing their total to eight.

The retractions are all for reusing parts of figures, either within a paper or from other papers by the pair. Thanks to a new policy at the journal to publish informative notes, we know the figures that were problematic, and the papers that they borrow from.

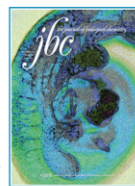
An investigation by Tong Wu and Chang Han's former employer, the University of Pittsburgh, had already led to four retractions for the pair, including two issued this summer.

First up, "Activation of cytosolic phospholipase A2 $\alpha$  through nitric oxide-induced S-nitrosylation. Involvement of inducible nitric oxide synthase and cyclooxygenase-2," which has been cited 50 times, according to Thomson Scientific's Web of Knowledge. Here's the notice:

"This article has been retracted by the publisher. The input cPLA $\alpha$  immunoblot from A549 cells in Fig. 1A was reused from the Akt immunoblot in Fig. 2C from the following reference (Xu, L., Han, C., Liu, X., and Wu, T. (2006) Cross-talk between peroxisome proliferator-activated receptor delta and cytosolic phospholipase A $\alpha$ /cyclooxygenase-2/prostaglandin E $_2$  signaling pathways in human hepatocellular carcinoma cells. *Cancer Res.* 66, 11859-11868), and the iNOS immunoblot from Fig. 9A was reused from the actin immunoblot in Fig. 2B from the following reference (Xu, L., Han, C., and Wu, T. (2006) A novel positive feedback loop between peroxisome proliferator-activated receptor- $\delta$  and prostaglandin E $_2$  signaling pathways for human cholangiocarcinoma cell growth. *J. Biol. Chem.* 281, 33982-33990).

Second, here's the note for "15-Hydroxyprostaglandin dehydrogenase-derived 15-keto-prostaglandin E2 inhibits cholangiocarcinoma cell growth through interaction with peroxisome proliferator-activated receptor- $\gamma$ , SMAD2/3, and TAP63 proteins," which has been cited 10 times:

"This article has been retracted by the publisher. Images were reused to represent different experimental conditions in Fig. 7, D and G.



Wu Tong

您的检索: 作者: (Wu Tong) AND 出版物名称: (JOURNAL OF BIOLOGICAL CHEMISTRY) ... 更多内容

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BIOCHEMISTRY MOLECULAR BIOLOGY (10)

文献类型

CORRECTION (6)

ARTICLE (4)

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研究方向

作者

团体作者

编者

来源出版物名称

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添加标记结果列表

分析检索结果

创建引文报告

1. Transforming growth factor-beta (TGF-beta) activates cytosolic phospholipase A(2)alpha (cPLA(2)alpha)-mediated prostaglandin E-2 (PGE)(2)/EP1 and peroxisome proliferator-activated-gamma (PPAR-gamma)/Smad signaling pathways in human liver cancer cells. A NOVEL MECHANISM FOR SUBVERSION OF TGF-BETA-INDUCED MITOINHIBITION (vol 279, pg 44344, 2004)  
作者: Han, Chang; Demetris, A. Jake; Liu, Youhua, 等  
JOURNAL OF BIOLOGICAL CHEMISTRY 卷: 290 期: 48 页: 28724-28724 出版年: NOV 27 2015  
被引频次: 0 (来自 Web of Science 的核心库类)  
使用次数
2. 15-Hydroxyprostaglandin dehydrogenase-derived 15-keto-prostaglandin E-2 inhibits cholangiocarcinoma cell growth through interaction with peroxisome proliferator-activated receptor-gamma, SMAD2/3, and TAP63 proteins (vol 288, pg 19484, 2013)  
作者: Liu, Dengdong; Han, Chang; Wu, Tong  
JOURNAL OF BIOLOGICAL CHEMISTRY 卷: 290 期: 47 页: 28353-28353 出版年: NOV 20 2015  
被引频次: 0 (来自 Web of Science 的核心库类)  
使用次数
3. Activation of cytosolic phospholipase A(2)alpha through nitric oxide-induced S-nitrosylation. INVOLVEMENT OF INDUCIBLE NITRIC-OXIDE SYNTHASE AND CYCLOOXYGENASE-2 (vol 283, pg 3077, 2008)  
作者: Xu, Lihong; Han, Chang; Lim, Kyu, 等  
JOURNAL OF BIOLOGICAL CHEMISTRY 卷: 290 期: 47 页: 28354-28354 出版年: NOV 20 2015  
被引频次: 0 (来自 Web of Science 的核心库类)  
使用次数
4. A novel positive feedback loop between peroxisome proliferator-activated receptor-sand prostaglandin E-2 signaling pathways for human cholangiocarcinoma cell growth (vol 281, pg 33982, 2006)  
作者: Xu, Lihong; Han, Chang; Lim, Kyu, 等  
JOURNAL OF BIOLOGICAL CHEMISTRY 卷: 290 期: 47 页: 28355-28355 出版年: NOV 20 2015  
被引频次: 0 (来自 Web of Science 的核心库类)  
使用次数
5. Cyclooxygenase-2-derived prostaglandin E-2 promotes human cholangiocarcinoma cell growth and invasion through EP1 receptor-mediated activation of the epidermal growth factor receptor and Akt. (vol 281, pg 24831, 2006)  
作者: Han, Chang; Wu, Tong  
JOURNAL OF BIOLOGICAL CHEMISTRY 卷: 290 期: 29 页: 17806-17806 出版年: JUL 17 2015  
被引频次: 0 (来自 Web of Science 的核心库类)  
使用次数
6. Modulation of Stat3 activation by the cytosolic phospholipase A2 alpha and cyclooxygenase-2-controlled prostaglandin E-2 signaling pathway. (vol 280, pg 24053, 2005)  
作者: Han, Chang; Demetris, A. Jake; Stoltz, Donna B., 等  
JOURNAL OF BIOLOGICAL CHEMISTRY 卷: 290 期: 29 页: 17807-17807 出版年: JUL 17 2015  
被引频次: 0 (来自 Web of Science 的核心库类)  
使用次数

SCI撤销记录

# 篡改数据 《生物化学》 撤销美国教授一篇论文

- 因论文数据涉嫌篡改，ACS 《生物化学》 撤销美国罗斯维尔癌症中心Toru Ouchi教授的论文。
- 该论文主要研究乳腺癌基因BRCA1在细胞有丝分裂中的功能。《生物化学》 撤销声明称，经过调查，认定论文中一数据被篡改。
- 该论文的另一作者麻省综合医院Sam W. Lee教授曾因篡改数据撤销了一篇《分子细胞》 论文。

Retraction Watch

Retraction appears for Harvard scientist who had two mega-corrections last year

Sam Lee, a Harvard biologist who had two mega-corrections published last year, has retracted a paper in *Molecular Cell* because some of the figures were "inappropriately assembled."

Here's the notice for "GAMT, a p53-Inducible Modulator of Apoptosis, Is Critical for the Adaptive Response to Nutrient Stress."

This article has been retracted: please see Elsevier Policy on Article Withdrawal

We were made aware that Western blot data in some of the figures for the above referenced paper were inappropriately assembled resulting in duplications of bands. Because we believe that the presentation issues are beyond the limits of acceptable scientific standards, we wish to retract this paper and regret any inconvenience to the scientific community this may have caused.

We asked Lee for more details and he responded:

It was brought to my attention that Western blot panels in the above mentioned paper were duplicated. Further analysis of the published findings as well as the raw data corresponding to the retracted experiments indicated that mistakes were made during Figures assembly. These issues prompted the retraction of the paper.

The retraction comes two years after one scientist brought the issues in the paper to *Molecular Cell's* attention in August 2011. Whether that was the first scientist to raise a red flag, we don't know.

The paper has been cited 48 times, according to Thomson Scientific's Web of Knowledge.

Lee's previous corrections were in *Nature* and *Current Biology*.

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Related

Authors retract two *Cell* Metabolism papers after "data were inappropriately removed from the laboratory"

Investigation leads to retraction of breast cancer paper, second for one author

Singapore investigation leads to two retractions, two more on the way

Written by Ivan Oransky August 23rd 2013 at 8:30 am

Posted in cell biology, cancer, science, health, available, harvard, mass manipulation, molecular, proteins, w. lee

Retraction Watch

Investigation leads to retraction of breast cancer paper, second for one author

with 11 comments

The authors of a *Journal of Biological Chemistry* paper on a breast cancer gene are withdrawing it following an investigation at Roswell Park Cancer Institute that found a figure contained "manipulated" data.

Last author Toru Ouchi is based at Roswell in the department of cancer genetics.

Second to last author Sam W. Lee, at Massachusetts General Hospital, lost a *Molecular Cell* paper in 2013 after some figures were "inappropriately manipulated."

Here's the withdrawal note from *JBC* (which, unusually — but happily so — includes some explanation of what's wrong with the paper):

This article has been withdrawn by the authors. An investigation conducted at the Roswell Park Cancer Institute determined that the flow cytometry data shown in Fig. 5B had been manipulated.

Here's figure 5B, for your reference:

The paper, about the molecular details of BRCA1, has been cited 156 times, according to Thomson Scientific's Web of Knowledge.

Lee has also published two mega-corrections in *Nature* and *Current Biology*.

When asked for comment, Lee said he didn't know much about the withdrawal.

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检索结果: 2

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1. BRCA1 phosphorylation by Aurora-A in the regulation of G(2) to M transition (vol 279, pg 19644, 2004)

作者: Ouchi, M; Fujuchi, N; Sasai, K, 等

JOURNAL OF BIOLOGICAL CHEMISTRY 卷: 290 期: 36 页: 22311-22311 出版年: SEP 4 2015

2. BRCA1 phosphorylation by Aurora-A in the regulation of G(2) to M transition

作者: Ouchi, M; Fujuchi, N; Sasai, K, 等

JOURNAL OF BIOLOGICAL CHEMISTRY 卷: 279 期: 19 页: 19643-19648 出版年: MAY 7 2004

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您的检索: 作者: (Lee Sam W or Lee SW) AND 出版物名称: (Molecular Cell) AND 标题: (GAMT, a p53) ...更多内容

1. GAMT, a p53-Inducible Modulator of Apoptosis, Is Critical for the Adaptive Response to Nutrient Stress (Retracted article. See vol. 51, pg. 552, 2013)

作者: Ide, Takao; Brown-Endres, Lauren; Chu, Kiki, 等

MOLECULAR CELL 卷: 51 期: 4 页: 552-562 出版年: AUG 22 2013

2. GAMT, a p53-Inducible Modulator of Apoptosis, Is Critical for the Adaptive Response to Nutrient Stress (Retracted article. See vol. 51, pg. 552, 2013)

作者: Ide, Takao; Brown-Endres, Lauren; Chu, Kiki, 等

MOLECULAR CELL 卷: 51 期: 3 页: 379-392 出版年: NOV 13 2009

# 数据造假PNAS撤销美国科学家一篇论文

- 2015年《美国科学院院刊》（PNAS）发布一篇撤销声明，由于数据造假，撤销美国德州大学奥斯汀分校研究人员关于EB病毒的一篇论文。
- 作者声称，论文发表后，他们意识到论文中数据重复，随后第一时间联系了PNAS。进一步调查发现，其中**免疫印记和核酸印迹数据被修改**，而作者却无法提供原始的实验数据。因此，PNAS撤销了这篇论文。第一作者是德州大学博士生Jennifer Cox。
- 德州大学网站曾在论文发布之初刊登过一篇关于该论文的**新闻稿**。在该新闻稿中，Cox表示这项研究是令人振奋的，为治疗癌症提供了新方法。目前该新闻稿已被移除

## Retraction Watch

Tracking retractions as a

### Authors retract PNAS Epstein-Barr virus paper for “anomalous and duplicated” figures

with 8 comments

PNAS has retracted a paper on the cancer-causing Epstein-Barr virus just two months after publication, in a notice that fingers a now-former graduate student for manipulating figures.



The paper tries to explain how Epstein-Barr virus blocks the immune system's attempts to destroy it. According to the notice, the three “nonexperimentalist authors” - [identified in the paper](#) as two P.I.'s from University of Texas at Austin and one from the University of California, San Francisco - didn't know the figures “were not reflective of original Northern blot and immunoblot data.”

That leaves UT Austin PhD student [Jennifer Cox](#) under the bus. Her LinkedIn says she pursued a PhD from 2010-2015, though it's unclear if she's received a degree. Cox's name is at the top of P.I. Christopher Sullivan's list of [past lab members](#), and she's the only one on the page whose name doesn't hyperlink to additional information, such as a contact.

The school issued a press release about the study that quoted Cox, which has been removed from the UT site but is [still available on Science Daily](#):

“While this work does not immediately identify new drugs, the fact that such different tumor viruses have converged on the same strategy makes this an exciting pursuit for future therapies against viral cancers.”

Here's most of the [notice](#) for “Pan-viral-microRNA screening identifies interferon inhibition as a common function of diverse viruses”:

The authors wish to note the following: “After publication, we were alerted to anomalous and

## SCI撤销记录

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1. Pan-viral-microRNA screening identifies interferon inhibition as a common function of diverse viruses (vol 112, pg 1861, 2015)  
作者: Cox, Jennifer E.; McClure, Lydia V.; Goga, Andrei 等  
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA 卷: 112 期: 13 页: E1856-E1861 出版年: MAR 31 2015

2. Pan-viral-microRNA screening identifies interferon inhibition as a common function of diverse viruses  
作者: Cox, Jennifer E.; McClure, Lydia V.; Goga, Andrei 等  
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA 卷: 112 期: 6 页: 1856-1861 出版年: FEB 10 2015

分析检索结果 创建引文报告

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查看摘要

# 法国国家科研中心科学家因数据异常被撤销论文

- 因论文数据异常，《PLOS生物学》撤销了法国国家科学研究中心Domenico Libri研究员一篇论文。
- 该论文主要研究细胞中的信号通路。读者发现数据错误，调查发现论文中的免疫数据出现重复。

论文第一作者 Laura Cerchia及共同作者Vittorio de Franciscis对此错误负责，其他作者并未参与此事。经论文作者和杂志主编协商，《PLOS生物学》撤销了该论文

**RETRACTION**

### Retraction: Neutralizing Aptamers from Whole-Cell SELEX Inhibit the RET Receptor Tyrosine Kinase

Laura Cerchia, Frédéric Duongé, Carine Pestourie, Jocelyne Boulay, Yousef Aissouni, Karine Gombert, Bertrand Taviani, Vittorio de Franciscis, Domenico Libri  
Published: July 17, 2015 • <http://dx.doi.org/10.1371/journal.pbio.1002215>

Article	Metrics	Comments	Related Content
▼			

**Reference**

The authors and editors retract this publication following an investigation into concerns around the data presented in Figures 3 and 4 that were brought to the editors' attention. The text below has been agreed to by the editors and authors.

**Reader Comments (0)**

**Media Coverage (0)**

Some of the lanes presented in Figure 3 (five out of six lanes of the right "Ret" panel in Fig 3B) came from an unrelated experiment that had already been published in Fig 4A of a *Biochem J* paper from 2003 by the de Franciscis lab, with the same first author (Cerchia et al. *Biochemical Journal*, 372, 897-903). As this previously published data is subject to copyright, this content has been removed from the published record of this paper. Additionally, several lanes have been duplicated both within Figure 3 and 4 of this paper.

Some of the original blots were provided to the editors as part of this investigation and the first author, LC, states that the errors occurred as a consequence of incorrect incorporation of representative blots in the figures and, together with the senior author responsible for oversight of Dr. Cerchia when the research was carried out (VdF), apologizes for this. Even though LC maintains that the conclusions remain valid, the detected image manipulation in the published figures undermines the confidence of the other authors (FD, CP, JB, YA, KG, BT & DL) and the overall editorial confidence in the results presented in the latter half of this study. It should be noted specifically that the co-authors from collaborating groups (FD, CP, JB, YA, KG, BT & DL) were not involved in the preparation of these figures, and there is no concern about the results that they contributed (Figures 1 & 2). The manipulations were not identified prior to publication and all three senior authors (BT, VdF & DL) approved the submitted manuscript.

An institutional inquiry has been undertaken at the CNR in Rome, where de Franciscis and Cerchia are both located; a retraction was deemed appropriate as a result of this inquiry.

Given the serious concerns about the validity of some of the data presented in this paper, the authors and editors are thus issuing a retraction. The authors deeply regret any inconvenience this publication has caused for others. All authors agree to this retraction.

**Reference**

1. Cerchia L, Duongé F, Pestourie C, Boulay J, Aissouni Y, Gombert K, et al. (2005) Neutralizing Aptamers from Whole-Cell SELEX Inhibit the RET Receptor Tyrosine Kinase. *PLoS Biol* 3(4): e123. doi:10.1371/journal.pbio.0030123. pmid:15789183  
View Article • PubMed/NCBI • Google Scholar

**Citation:** Cerchia L, Duongé F, Pestourie C, Boulay J, Aissouni Y, Gombert K, et al. (2015) Retraction: Neutralizing Aptamers from Whole-Cell SELEX Inhibit the RET.



## Retraction Watch

Tracking retractions

### Investigation triggers retraction for biochem paper

with one comment

A paper has been retracted from *PLoS Biology* for duplicating lanes and incorporating others that "came from an unrelated experiment that had already been published."



According to the retraction notice, first author [Laura Cerchia](#) says that the mistakes came "as a consequence of incorrect incorporation of representative blots." Cerchia — along with her supervisor, study author [Vittorio de Franciscis](#) — "apologizes for this." None of the other authors were "involved in the preparation of these figures, and there is no concern about the results that they contributed."

Cerchia maintains that the paper's conclusions are still valid, but the remaining authors write that the issues undermine their confidence in the results. According to the notice, the retraction is a result of "an institutional inquiry" at the [Consiglio Nazionale delle Ricerche](#) (CNR) in Rome, where Cerchia and de Franciscis are both based.

The [notice](#) tells the rest of the story:



The authors and editors retract this publication following an investigation into concerns around the data presented in Figures 3 and 4 that were brought to the editors' attention. The text below has been agreed to by the editors and authors.

Some of the lanes presented in Figure 3 (five out of six lanes of the right "Ret" panel in Fig 3B) came from an unrelated experiment that had already been published in Fig 4A of a *Biochem J* paper from 2003 by the de Franciscis lab, with the same first author (Cerchia et al. *Biochemical Journal*, 372, 897-903). As this previously published data is subject to copyright, this content has been removed from the published record of this paper. Additionally, several lanes have been duplicated both within Figure 3 and between Figures 3 and 4 of this paper.

Some of the original blots were provided to the editors as part of this investigation and the first author, LC, states that the errors occurred as a consequence of incorrect incorporation of representative blots in the figures and, together with the senior author responsible for oversight of Dr. Cerchia when the research was carried out (VdF), apologizes for this. Even though LC maintains that the conclusions remain valid, the detected image manipulation in the published figures undermines the confidence of the other authors (FD, CP, JB, YA, KG, BT & DL) and the overall editorial confidence in the results presented in the latter half of this study. It should be noted specifically that the co-authors from collaborating groups (FD, CP, JB, YA, KG, BT & DL) were not involved in the preparation of these figures, and there is no concern about the results that they contributed (Figures 1 & 2). The manipulations were not identified prior to publication and all three senior authors (BT, VdF & DL) approved the submitted manuscript.

An institutional inquiry has been undertaken at the CNR in Rome, where de Franciscis and Cerchia are both located; a retraction was deemed appropriate as a result of this inquiry.

Given the serious concerns about the validity of some of the data presented in this paper, the authors and editors are thus issuing a retraction. The authors deeply regret any inconvenience this publication has caused for others. All authors agree to this retraction.

The [study](#), "Neutralizing Aptamers from Whole-Cell SELEX Inhibit the RET Receptor Tyrosine Kinase" examined how to target large transmembrane molecules. It was published in 2005 by researchers based at the [Institut national de la santé et de la recherche médicale](#) (INSERM), the [Centre National de la Recherche Scientifique](#) (CNRS), and CNR.

[Emma Ganley](#), a senior editor at *PLoS Biology*, said that a reader contacted them about the figures and the decision to retract the paper was mutual.



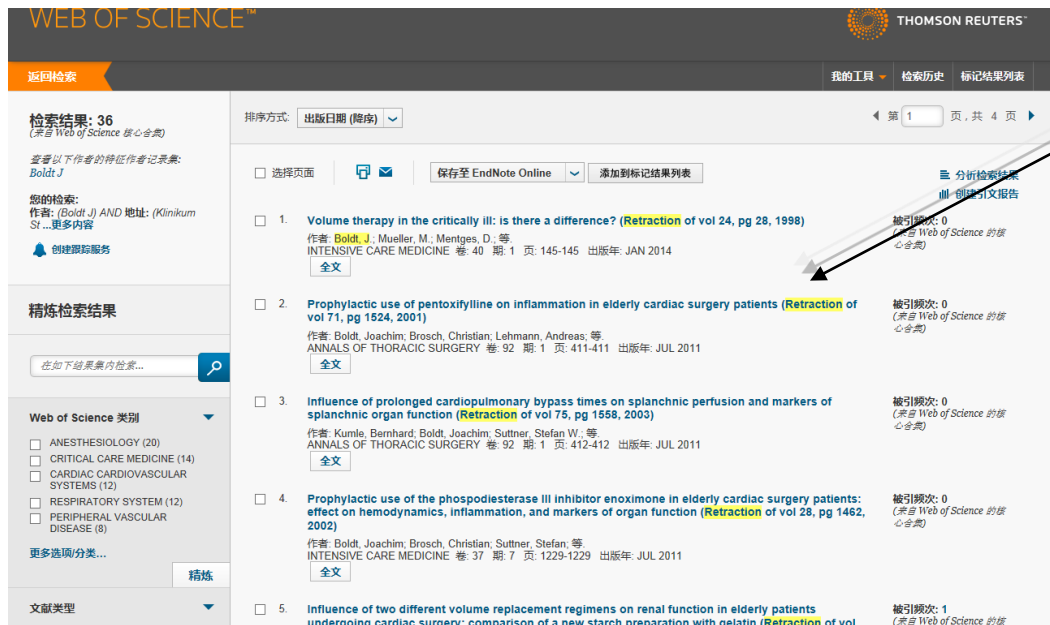
Although this paper was published some time ago, we were contacted by a reader who queried some of the figures. We contacted the authors and conducted an inquiry taking time to ensure a fair and thorough

# 违反学术道德的研究

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- ——欧洲科研诚信行为准则

# 因学术伦理问题德国一科学家面临90篇论文被撤销

- 2011年《科学》网报道，因为学术伦理问题，德国一名麻醉学家Joachim Boldt有90篇文章恐将面临被撤。
- 德国路德维希港医院（Klinikum Ludwigshafen）和德国莱茵兰法尔茨国家医学协会（German state medical association of Rheinland Pfalz）宣布在该学者接受检查的115篇论文中有90篇缺少伦理委员会（Institutional Review Board, IRB）的批准。



有11份期刊因此联合发表声明，称缺少伦理委员会（IRB）的批准意味着一篇文章会自动被撤。因而，Boldt的这90篇文章很有可能会遭到撤销。该学者曾担任路德维希港医院麻醉科主管，发表过300多篇文章，他于2010年11月因为论文造假而被院方开除。

# 因医学研究中的伦理问题东京大学撤销论文

## 这项研究没有获得临床试验伦理机构委员会的批准

- 因为既没有得到组织捐赠者的知情同意书，也没有获得临床试验伦理机构委员会的批准，2008年日本东京大学研究小组撤销了一篇发表在《血液》（Blood）期刊上的有关急性髓系白血病研究论文，东京大学调查发现，作者在给期刊的声明中表示这项研究已获得临床试验伦理机构委员会的批准。但这纯属无稽之谈，“这项研究没有获得临床试验伦理机构委员会的批准”。
- 《血液》（Blood）要求作者在提交论文时，应提供伦理机构委员会成员的姓名或电子邮件地址、批准日期等，而一旦论文被批准接收后，作者还需要提供批准书的复印件

Archive for: July, 2008

### Medical research with 'legacy samples' raises ethical questions.

Jul 31 2008 Published by janet d. stemwedel under Current events, Ethical research, Globalizing science, Research with human subjects

In the July 18, 2008 issue of *Science*, I noticed a news item, "Old Samples Trip Up Tokyo Team":

A University of Tokyo team has retracted a published research paper because it apparently failed to obtain informed consent from tissue donors or approval from an institutional review board (IRB). Other papers by the same group are under investigation by the university. Observers believe problems stem in part from guidelines that don't sufficiently explain how to handle samples collected before Japan established informed consent procedures.

The samples in question were "legacy samples", samples that had been previously collected for other research projects. The fact that these samples were collected before the institution of the rules for research with human subjects to which Japanese researchers are now bound complicates the ethical considerations for the researchers.

RESEARCH ETHICS

**Old Samples Trip Up Tokyo Team**

Dennis Normile

*Science* 18 July 2008: 324. [DOI:10.1126/science.321.5887.324b]

**Science**

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# 《自然》论文因违反动物福利引科学家争议

- 麻省总医院-哈佛医学院Sam Lee教授一篇《自然》论文因实验小鼠肿瘤直径过大而发布修改通知。**论文的结论依然有效，但论文中违规的数据已撤下。**
- 这篇论文发表于2011年，由麻省总医院、哈佛医学院及Broad研究所共同组成的科研小组研究完成，论文报道小分子化合物茚麦酰胺可以特异性杀死小鼠中癌细胞。
- 《自然》发布修改通告称，实验中一些小鼠成瘤的直径超过动物福利准则规定的1.5厘米。该动物福利准则是由美国麻省总医院动物保护及利用协会（IACUC）制定的。《自然》社论称，**《自然》期刊要求作者控制肿瘤的直径，使其不违反动物使用制度委员会制定的准则。**
- 成瘤直径大小在不同研究机构准则是不同的，英国一研究小组在2010年发布的准则是小鼠中不超过1.2厘米，而美国研究机构的准则一般是不超过2厘米。

The screenshot shows a web page from the journal Nature. The main article title is "Welfare breach prompts *Nature* to update policy on publishing animal experiments". The author is Daniel Cressley. The article is dated 16 September 2015 and was clarified on 22 October 2015. The text discusses a correction to a 2011 study where mouse tumours were allowed to grow too large, and the journal's policy on animal welfare guidelines is being updated. It mentions that the scientist who first raised the problem says the paper should be retracted. The page also features a "Related stories" section with links to articles about misleading mouse studies, preclinical research, and MERS. There is a "Correction argument" section at the bottom.

世界上没有动物伦理委员会会允许肿瘤直径达1.5厘米



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- ——《科研诚信蒙特利尔宣言》

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- —— 《科研诚信新加坡宣言》

# 作者署名不当

## 第一作者未经许可借他人名义署名文章论文被撤销

- SCI收录期刊《抗癌药物》（*Anti-Cancer Drugs*）期刊2011年发表一份声明，撤销首都师范大学（第一作者兼通讯作者）的一篇文章。
- 该声明称，期刊注意到该文章的作者信息和有关提交与发表文章的作者同意书（author agreement）存在疑问，首都师范大学学术委员会对此事调查后确认该文章的第一作者在未经文章另外两位作者的许可下就向《抗癌药物》提交论文。
- 该文章已被撤销，第一作者也向两位被冒名的作者及期刊读者表示歉意

The screenshot shows the website for *ANTI-CANCER DRUGS*, published by Wolters Kluwer Health | Lippincott Williams & Wilkins. The page displays a retraction notice for the article "3,3'-Diindolylmethane negatively regulates Cdc25A and induces a G2/M arrest by modulation of microRNA 21 in human breast cancer cells: Retraction". The article was published in *Anti-Cancer Drugs* 2011, 22(3). The notice states that the article has been retracted due to concerns about the authorship and agreement to publish. A committee at the Capital Normal University, Beijing, China, investigated the matter and found that the first author, Youxi Jin, submitted the study without seeking prior permission from the other two authors. Jin apologizes to the other named authors and the journal readership. The reference is listed as: Jin, Youxi, Peng, X. 3,3'-Diindolylmethane negatively regulates Cdc25A and induces a G2/M arrest by modulation of microRNA 21 in human breast cancer cells. *Anti-Cancer Drugs* 2010; 21:814-822.

合作研究成果在呈现前应经过所有署名人审阅并同意

# 作者署名不当

## 通讯作者未经许可借他人名义署名文章论文被撤销

- SCI收录期刊《组织工程与再生医学杂志》（Journal of Tissue Engineering and Regenerative Medicine）近2011年刊登一份撤销声明，由于其中两位作者的署名问题，撤销通讯作者为中国学者的论文。
- 撤销声明称，由于荷兰内梅亨大学两位学者没有参与此项研究，没有被告知署名并对投稿一事不知晓。经作者、期刊主编以及John Wiley & Sons, Ltd同意，撤销2011年7月在线发表的这篇论文。

The screenshot shows the Wiley Online Library interface for a retracted article. The article title is "Retracted: Effects of pro-inflammatory cytokines on mineralization potential of rat dental pulp stem cells" by Xuechao Yang<sup>1</sup>, X. Frank Walboomers<sup>2</sup>, Zhuan Bian<sup>1</sup>, John A. Jansen<sup>2</sup>, and Mingwen Fan<sup>1\*</sup>. The article was first published online on 11 JUL 2011 with a DOI of 10.1002/term.444. The journal is "Journal of Tissue Engineering and Regenerative Medicine", Volume 5, Issue 9, page 759, October 2011. The page includes a sidebar with navigation tools, a search bar, and an abstract section. The abstract text states: "The following article from the Journal of Tissue Engineering and Regenerative Medicine, 'Effects of Pro-inflammatory Cytokines on Mineralization Potential of Rat Dental Pulp Stem Cells' by Yang X, Walboomers XF, Bian Z, Jansen JA, Fan M, published online on 11 July 2011 in Wiley Online Library (onlinelibrary.wiley.com), has been retracted by agreement between the authors, the journal Editor-in-Chief, and John Wiley & Sons, Ltd. The retraction has been agreed due to two authors (Walboomers XF, and Jansen JA) not having been involved in the research described, nor made aware of their names being listed on the manuscript, nor told of its submission to the journal."

## 《组织工程与再生医学杂志》 撤销声明

文章被署名的“知情同意”的问题

# 作者署名不当

称未与他人“沟通”就投稿，致使出错数据未被发现被撤销

- SCI收录期刊《骨外科》（*Orthopedics*）2011年撤销苏州大学附属第一医院于2010年10月发表的一篇文章。
- 作者在撤销声明中称，医院同一部门的某医生也参与了部分研究内容，但“我们在未与该医生进行沟通的情况下就将文章投递给了期刊，导致文章出现一些错误（而没及时修正）”，“考虑到这些数据不精确，我们撤销了该篇文章”。
- 文章作者先前声称文章使用的研究数据全来自同一外科医生，然而在这份撤销声明中，他们又承认还有另一位医生也参与了治疗研究。该文章所在页面已被标上撤销字样。

The screenshot shows the website for the journal *Orthopedics*. The main content area displays a retraction notice titled "Retraction: Comparison of the Mini-Midvastus With the Mini-Medial Parapatellar Approach in Primary TKAs". The notice is dated February 2011, Volume 34, Issue 2, page 81. The DOI is 10.3928/01477447-20101221-01. The notice states that the article, published in the October 2010 issue, contained inaccurate data for patients undergoing minimally invasive procedures. The authors, Li, Tang, Qian, and Sun, have withdrawn the article from the literature.

Below the notice, a list of authors is provided: Xi-gong Li, Tian-si Tang, Zhong-lai Qian, Li-xin Huang, Wen-ming Pan, and Ruo-fu Zhu, all from the First Affiliated Hospital of Suzhou University, Suzhou, China.

A "Reference" section lists the original article: Li X, Tang T, Qian Z, Huang L, Pan W, Zhu R. Comparison of the mini-midvastus with the mini-medial parapatellar approach in primary TKAs. *Orthopedics*. 2010; 33(10). <http://orthopedics/knee/journals/ortho/14ab0de4-e9d2-46d6-92a2-cbeb45984fc1/comparison-of-the-mini-midvastus-with-the-mini-medial-parapatellar-approach-in-primary-tka>.

The DOI for the reference is 10.3928/01477447-20101221-01.

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- James C. Hower, Editor, International Journal of Coal Geology
- 竞争期刊经常交换可疑论文的信息
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# 一稿多投

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- 典型的相同研究成果的重复发表很少，更常见的是作者就某个较大的课题发表多篇论文，如果资料没有重复且每篇论文所讨论的问题各不相同，这种做法是合理的。
- 重复发表案例：就同一问题对不同组病人的研究，或针对同一组病人不同侧重点的报道

# 一稿多投是学术道德不良的表现

- 例：一所著名大学的研究组寄了一个论文给《兰格缪尔》（Langmuir）2003年影响因子3.098，American Chemical Society出版。这是一份非常好的化学期刊。化学系一位教授审稿，认为论文水平很高，那部分工作他们也在做，但是结果没有著名大学的好。所以建议期刊发表。一个月以后，这位教授又收到《自然》（Nature）一份相似的稿子，2003年影响因子30.979，同一个研究组投寄的。Nature事先已经请了两个审稿人，一个说yes，一个说No。希望他作最后的裁决。他于是给Nature编辑的信中提及，论文质量很好，应该可以在Nature上发表。但是，一个月以前，我为Langmuir审了一篇相似的论文云云。结果Nature和Langmuir两家期刊互相交换论文原稿，初步决定两家都不刊登这篇论文。原因很简单：作者学术道德不良。不知道最后是如何处理的。但是这样的行为，严重地损坏了作者的名誉，也损坏大学的名誉。
- 有的期刊对从中国来的论文审查增加了明显带有不信任感的特别措施。例如要求作者提供参考文献全文，我想是需要引起重视的。



# 一稿多投

- Elsevier出版社的《固体通讯》(Solid State Communications) 2011年撤消了日本学者发表在2009年文章, 撤消声明说该论文曾经发表在《应用物理学快报》(Applied Physics Letters) 92 (2008) 152905 上, 作者在投稿时曾经明确声明相关研究工作具原创性, 并未在其他期刊发表。
- 2012年《固体通讯》再次发表该文的撤消声明, 该作者严重侵犯了科学出版系统, 第一作者承担全部责任, 其他两位作者并不知情。

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**Solid State Communications**  
Volume 151, Issue 12, June 2011, Pages 916

Erratum

**Retraction notice to "Structure and properties of Lanthanum Doped Bismuth ferrite thin films" [Solid State Comm. 149 (2009) 734-737]**  
V.R. Singh<sup>1</sup>, A. Garg<sup>2</sup>, D.C. Agrawal<sup>1</sup>

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http://dx.doi.org/10.1016/j.ssc.2011.03.026

**Refers To**  
V.R. Singh, A. Garg, D.C. Agrawal  
RETRACTED: Structure and properties of lanthanum-doped bismuth ferrite thin films  
*Solid State Communications*, Volume 149, Issues 17-18, May 2009, Pages 734-737  
PDF (960 K)

**Referred to by**  
V.R. Singh, A. Garg, D.C. Agrawal  
Corrigendum to Retraction notice to: "Structure and properties of Lanthanum Doped Bismuth Ferrite Thin Films" [Solid State Commun. 151 (2011) 916]  
*Solid State Communications*, Volume 152, Issue 10, May 2012, Page 919  
PDF (126 K)

This article has been retracted at the request of the authors and/or the Editor-in-Chief.

Reason: This article has been retracted at the request of the Editor-in-Chief as it is a duplicate of a paper that has already been published in *Applied Physics Letters*, 92 (2008) 152905 1-3. doi:10.1063/1.2901017. One of the conditions of submission of a paper for publication is that authors declare explicitly that the paper is not under consideration for publication elsewhere. As such this article represents a severe abuse of the scientific publishing system. The scientific community takes a very strong view on this matter and apologies are offered to readers of the journal that this was not detected during the submission process.

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2. Retraction notice to "Structure and properties of Lanthanum Doped Bismuth ferrite thin films" (vol 149, pg 734, 2009) 作者: Singh, V. R.; Garg, A.; Agrawal, D. C. SOLID STATE COMMUNICATIONS 卷: 151 期: 12 页: 916-916 出版年: JUN 2011 全文			被引频次: 1 (来自 Web of Science 的核心合集)	
3. Structure and properties of lanthanum-doped bismuth ferrite thin films (Retracted article. See vol. 151, pg. 916, 2011) 作者: Singh, V. R.; Garg, A.; Agrawal, D. C. SOLID STATE COMMUNICATIONS 卷: 149 期: 17-18 页: 734-737 出版年: MAY 2009 全文 查看摘要			被引频次: 7 (来自 Web of Science 的核心合集)	

## 《固体通讯》2012年撤消声明

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**Solid State Communications**  
Volume 152, Issue 10, May 2012, Pages 919

Corrigendum

**Corrigendum to Retraction notice to: "Structure and properties of Lanthanum Doped Bismuth Ferrite Thin Films" [Solid State Commun. 151 (2011) 916]**  
V.R. Singh<sup>1</sup>, A. Garg<sup>2</sup>, D.C. Agrawal<sup>1</sup>

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http://dx.doi.org/10.1016/j.ssc.2011.10.007

**Refers To**  
V.R. Singh, A. Garg, D.C. Agrawal  
Retraction notice to "Structure and properties of Lanthanum Doped Bismuth ferrite thin films" [Solid State Commun. 149 (2009) 734-737]  
*Solid State Communications*, Volume 151, Issue 12, June 2011, Page 916  
PDF (126 K)

This article has been retracted, please see Elsevier Policy on Article Withdrawal (<http://www.elsevier.com/locate/withdrawalpolicy>).

This article has been retracted at the request of the Editor-in-Chief as it is a duplicate of a paper that has already been published in *Appl. Phys. Lett.*, 92 (2008) 152905 1-3. doi:10.1063/1.2901017. One of the conditions of submission of a paper for publication is that authors declare explicitly that the paper is not under consideration for publication elsewhere. As such this article represents a severe abuse of the scientific publishing system. The scientific community takes a very strong view on this matter and apologies are offered to readers of the journal that this was not detected during the submission process. The first author, V.R. Singh, accepts full responsibility and would like to state that he did not consult Prof. Agrawal and Prof. Garg regarding this duplicate submission.

▲ Corresponding author. Tel: +81 3 5841 7621; fax: +81 3 5841 7621.

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## SCI收录与撤销记录

# 同期期刊发多篇论文实验结果相同一篇被撤

- Elsevier出版社的《国际氢能期刊》（*International Journal of Hydrogen Energy*）2013年发表声明，撤销一篇来自台湾研究人员的学术论文。
- 撤销声明称，作者承认该论文与其发表的其它一篇论文研究课题相同，这两篇论文虽然呈现形式不同，但实验结果相同，因此作者要求撤销该论文。

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International Journal of Hydrogen Energy  
Volume 38, Issue 9, 27 March 2013, Pages 3809

Retraction Notice

**Retraction notice to "Electricity harvest from wastewaters using microbial fuel cell with sulfide as sole electron donor" [Int J Hydrogen Energy (2012) 15787–15791]**

Chin-Yu Lee<sup>a</sup>, Kuo-Ling Ho<sup>a</sup>, Duu-Jong Lee<sup>a,b</sup>, Ay Su<sup>c</sup>, Jo-Shu Chang<sup>d,e,f</sup>

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Refers To Chin-Yu Lee, Kuo-Ling Ho, Duu-Jong Lee, Ay Su, Jo-Shu Chang  
**RETRACTED: Electricity harvest from wastewaters using microbial fuel cell with sulfide as sole electron donor**  
*International Journal of Hydrogen Energy, Volume 37, Issue 20, October 2012, Pages 15787–15791*  
PDF (891 K)

This article has been retracted: please see Elsevier Policy on Article Withdrawal (<http://www.elsevier.com/locate/withdrawalpolicy>).

This article has been retracted at the request of the Authors. The authors acknowledge that this paper covered the same research topic as an earlier paper by them (<http://dx.doi.org/10.1016/j.ijhydene.2012.01.092>) presenting different but similar experimental results.

Corresponding author. Department of Chemical Engineering, National Taiwan University, No 1, Sec 4, Roosevelt Road, Taipei, Taiwan. Fax: +886 2 23625632.

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1. **Electricity harvest from wastewaters using microbial fuel cell with sulfide as sole electron donor (Retraction of vol 37, pg 15787, 2012)** 被引频次: 0 (来自所有数据库)  
作者: Lee, Chin-Yu; Ho, Kuo-Ling; Lee, Duu-Jong; 等  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY 卷: 38 期: 9 页: 3809-3809 出版年: MAR 27 2013  
全文
2. **Electricity harvest from wastewaters using microbial fuel cell with sulfide as sole electron donor** 被引频次: 0 (来自所有数据库)  
作者: Chin-Yu Lee; Kuo-Ling Ho; Duu-Jong Lee; 等  
International Journal of Hydrogen Energy 卷: 37 期: 20 页: 15787-91 出版年: Oct. 2012  
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3. **Electricity harvest from wastewaters using microbial fuel cell with sulfide as sole electron donor (Retracted article. See vol. 38, pg. 3809, 2013)** 被引频次: 3 (来自所有数据库)  
作者: Lee, Chin-Yu; Ho, Kuo-Ling; Lee, Duu-Jong; 等  
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY 卷: 37 期: 20 页: 15787-15791 出版年: OCT 2012  
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上述两篇论文均发表在《国际氢能期刊》2012年第37卷第20期上。据统计，该作者在该期刊第37卷第20期共发表15篇学术论文，部分为与中国大陆学者合作论文

# 重复发表

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# 重复发表的实例

- 一个科研结果在多篇论文中采用也是正常的。有一作者1989年做的一个有关La<sub>2</sub>CuO<sub>4</sub>表面结果分析，曾经多次在不同的论文中提及。第一个论文中没有用这张图，也没有详尽的分析。比较完整的结果是发表在1994年的surface science上。(2)，(3)，(4)，(6)是会议论文。实际上，这四篇会议论文的主题和侧重面是不一样的。但是都提及这个结果。其它的都是综述。最近，John Thomas为Chem. Commun. 写了一个综述还用这张照片。在这些文章中，关于原始结果的出处都交待清楚了，John Thomas采用这张照片事先征得作者的同意，所以没有版权问题。

# 重复发表论文的道德准则

- 因此，我们可以看到，重复发表科研成果并不是完全不可以，而是必须做得规范。比如，论文一经发表，通常其版权属于出版社。作者必须申明论文稿子未发表，也不再投寄其它期刊发表。如果，一稿两投显然违反了承诺。但是，如果不涉及到版权问题，又能注明原始文稿的来源，则是被允许的。

# 三篇中国学者论文因重复发表被撤销

- 国际学术期刊《神经科学快报》（Neuroscience Letters）2012年刊登撤销声明称，三篇来自中国研究人员的论文因重复发表被撤销。
- 这三篇论文均是在中国学术期刊发表后，再经翻译发表于《神经科学快报》（Neuroscience Letters）的。
- 南京师范大学的研究人员将中文版论文发表于《心理学报》43（2011）384–395 再次发表在《神经科学快报》。

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Neuroscience Letters  
Volume 528, Issue 1, 18 October 2012, Pages 92

Retraction notice

**Retraction notice to “Simple mental arithmetic is not so simple: An ERP study of the split and odd-even effects in mental arithmetic” [Neurosci. Lett. 510 (2012) 62–66]**

Yalin Chen<sup>a</sup>, Chang Liu<sup>a</sup>, Xiaodong Xu<sup>a,b</sup>, Xiaojiang Zhang<sup>a</sup>, Wangbing Shen<sup>a</sup>

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<http://dx.doi.org/10.1016/j.neulet.2012.08.049> [Get rights and content](#)

Refers To Yalin Chen, Chang Liu, Xiaodong Xu, Xiaojiang Zhang, Wangbing Shen  
**RETRACTED: Simple mental arithmetic is not so simple: An ERP study of the split and odd-even effects in mental arithmetic**  
Neuroscience Letters, Volume 510, Issue 1, 21 February 2012, Pages 62-66  
[PDF \(823 K\)](#)

This article has been retracted: please see Elsevier Policy on Article Withdrawal (<http://www.elsevier.com/locate/withdrawalpolicy>).

This article has been retracted at the request of the authors.

The article substantially duplicates, without citation, results published in Chinese in Acta Psychologica Sinica 43 (2011) 384–395, <http://dx.doi.org/10.3724/SP.J.1041.2011.00384>. The authors wish to apologize to readers for their error.

Corresponding author at: Laboratory of Cognitive Neuroscience and School of Educational Science, Nanjing Normal University, 122 Ninghai Road, Nanjing 210097, China. Tel.: +86 25 86212351; fax: +86 25 86212351.

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作者: Chen, Yalin; Liu, Chang; Xu, Xiaodong; 等  
NEUROSCIENCE LETTERS 卷: 528 期: 1 页: 92-92 出版年: OCT 18 2012  
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作者: Chen, Yalin; Liu, Chang; Xu, Xiaodong; 等  
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# 三篇中国学者论文因重复发表被撤销

- 昆明医科大学的研究人员的论文发表在《四川大学学报（医学版）》36（2005）625–629后又重复发表在《神经科学快报》（Neuroscience Letters）。
- 应主编的要求被撤回，作者在投稿时曾经明确表示相关研究工作具原创性，并未在其他期刊发表。

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作者: Liu, Fen, Sun, Wei-Wei, Wang, Ying, 等.  
NEUROSCIENCE LETTERS 卷: 528 期: 1 页: 91-91 出版年: OCT 18 2012  
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2. **Effects of electro-acupuncture on NT-4 expression in spinal dorsal root ganglion and associated segments of the spinal dorsal horn in cats subjected to adjacent dorsal root ganglionectomy (Retracted article. See vol. 528, pg. 91, 2012)**  
作者: Liu, Fen, Sun, Wei-Wei, Wang, Ying, 等.  
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Neuroscience Letters  
Volume 528, Issue 1, 18 October 2012, Pages 91

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Retraction notice

**Retraction notice to: "Effects of electro-acupuncture on NT-4 expression in spinal dorsal root ganglion and associated segments of the spinal dorsal horn in cats subjected to adjacent dorsal root ganglionectomy" [Neurosci. Lett. 450 (2009) 158–162]**

Fen Liu<sup>a</sup>, Wei-Wei Sun<sup>a, \*</sup>, Ying Wang<sup>a</sup>, Li-Qun Hu<sup>b</sup>, Ping Dai<sup>a</sup>, Chang-Fu Tian<sup>a</sup>, Ting-Hua Wang<sup>a, \*</sup>

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Refers To Fen Liu, Wei-Wei Sun, Ying Wang, Li-Qun Hu, Ping Dai, Chang-Fu Tian, Ting-Hua Wang  
RETRACTED: Effects of electro-acupuncture on NT-4 expression in spinal dorsal root ganglion and associated segments of the spinal dorsal horn in cats subjected to adjacent dorsal root ganglionectomy  
Neuroscience Letters, Volume 450, Issue 2, 30 January 2009, Pages 158-162  
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# 三篇中国学者论文因重复发表被撤销

- 重庆医科大学的研究人员在《中国中药杂志》(August (16)) (2007) 1684–1687上发表后又重复发表在《神经科学快报》(Neuroscience Letters)。

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作者: Xiao, Nong, Li, Shizhi, Zhang, Xiaoping, 等  
NEUROSCIENCE LETTERS 卷: 528 期: 1 页: 90-99 出版年: OCT 18 2012

2. Effect of ephedrine on neuronal plasticity of hypoxic-ischemic brain damage in neonatal rats (Retracted article. See vol. 528, pg. 99, 2012)  
作者: Xiao, Nong, Li, Shizhi, Zhang, Xiaoping, 等  
NEUROSCIENCE LETTERS 卷: 435 期: 2 页: 99-102 出版年: APR 18 2008

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Neuroscience Letters  
Volume 528, Issue 1, 18 October 2012, Pages 90

Retraction notice

Retraction notice to “Effect of ephedrine on neuronal plasticity of hypoxic-ischemic brain damage in neonatal rats” [Neurosci. Lett. 435 (2008) 99–102]

Nong Xiao<sup>a</sup>, Shizhi Li<sup>a</sup>, Xiaoping Zhang<sup>a</sup>, Siyuan Chen<sup>a</sup>

http://dx.doi.org/10.1016/j.neulet.2012.08.047

Refers To  
Nong Xiao, Shizhi Li, Xiaoping Zhang, Siyuan Chen  
RETRACTED: Effect of ephedrine on neuronal plasticity of hypoxic-ischemic brain damage in neonatal rats  
Neuroscience Letters, Volume 435, Issue 2, 18 April 2008, Pages 99-102

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The article substantially duplicates in English results published in Chinese in Zhongguo Zhong Yao Za Zhi 32 (August (16)) (2007) 1684–1687. One of the conditions of submission of an article for publication is that authors declare explicitly that the article and/or its main results have not been published, nor are under consideration for publication, elsewhere. As such this article represents a severe abuse of the scientific publishing system. The scientific community takes a very strong view on this matter and apologies are offered to readers of the journal that this was not detected during the submission process.

Corresponding author. Tel.: +86 13101345866; fax: +86 23 63626904.

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# 数据重复发表被撤销

- 国际学术期刊《欧洲心胸外科期刊》（*European Journal Cardio-Thoracic Surgery*）2012年发表声明，撤销了第三军医大学研究人员的一篇学术论文。
- 撤销声明称，经读者反馈发现，该论文所用数据和作者发表在《欧洲外科学术研究》（*European Surgical Research*）2007;39:67–74论文中的数据一样，因此主编要求撤销该论文。作者在投稿时明确表示，相关研究工作具原创性，并未在其他期刊发表。

The screenshot shows the website for the European Journal of Cardio-Thoracic Surgery. The main header includes the journal title and navigation links. A prominent banner for Edwards SAPIEN 3 Transcatheter Heart Valve is visible. The central content area features a retraction notice for the article "Open-heart surgery in patients with liver cirrhosis" by Yong An, Ying-Bin Xiao, and Qian-Jin Zhong. The notice explains that the data used in the article was identical to that in a previously published article in *European Surgical Research*. The authors have apologized for the redundant publication. The right sidebar contains search options, a "Current Issue" section for March 2014, and a "CME activities - Important Notice" banner.

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- 2015年IOP《材料研究快报》(Materials Research Express) 发布撤销声明：由于发现数据与他人已发表数据重复，德国伊尔梅瑙工业大学 ( Ilmenau University of Technology) Peter Schaaf 教授撤销其已发表的研究论文。
- 论文的三名作者均同意撤稿。作者指出了论文数据重复的部分，此数据与发表在ACS《物理化学快报》(Journal of Physical Chemistry Letters) 的论文数据高度一致。
- 原始数据的通讯作者、美国南卡罗来纳大学 (University of South Carolina) 副教授Hui Wang称，他此前并不知晓此事。他表示，撤销的论文拷贝了他的数据并据为己有，这是一件严重的学术不规范行为

Retraction Watch

撤稿观察

Tracking retractions as a

Nothing gold can stay: gold nanoparticle paper retracted for figure theft

with 2 comments

A paper on gold nanoparticles has been retracted after the publisher learned one of the figures had a "high degree of similarity" to a figure published by other authors a few months prior.

According to the notice, it was two authors of the retracted paper themselves who pointed out the overlap. The first author, [Pratap Sahoo](#), is not mentioned, although it does say all three authors agreed to retract. The corresponding author of the original paper told us he was unaware of the incident.

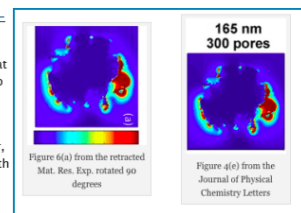
You can compare the figures for yourself - on the left is figure 6(a) from the retracted *Materials Research Express* paper, rotated 90 degrees. On the right is figure 4 (e) from "Porous Au Nanoparticles with Tunable Plasmon Resonances and Intense Field Enhancements for Single-Particle SERS," published in the *Journal of Physical Chemistry Letters*:



Here's the [notice](#) for "Tunable plasmon resonance of semi-spherical nanoporous gold nanoparticles":

“ It has come to the attention of IOP Publishing that figure 6(a) of this paper is substantially similar to figure 4(e) of a previously published article by other authors:

Qingfeng Zhang, Nicolas Large, Peter Nordlander, and Hui Wang 2014 'Porous Au Nanoparticles with Tunable Plasmon Resonances and Intense Field Enhancements for Single-Particle SERS' *J. Phys. Chem. Lett.* 5 370-374



This issue was first brought to our attention by two of the co-authors of the *Materials Research Express* (MRX) paper: Dong Wang and Peter Schaaf. The MRX Editorial Board has investigated this matter and concluded that the high degree of similarity between these figures constitutes a breach of our ethical policy. As such, this paper is being retracted by IOP Publishing. All three authors of the paper have agreed to this retraction.

PAPER

Tunable plasmon resonance of semi-spherical nanoporous gold nanoparticles

Pratap K Sahoo<sup>1</sup>, Dong Wang<sup>2</sup> and Peter Schaaf<sup>2</sup>  
Published 25 July 2014 • © 2014 IOP Publishing Ltd  
*Materials Research Express*, Volume 1, Number 3

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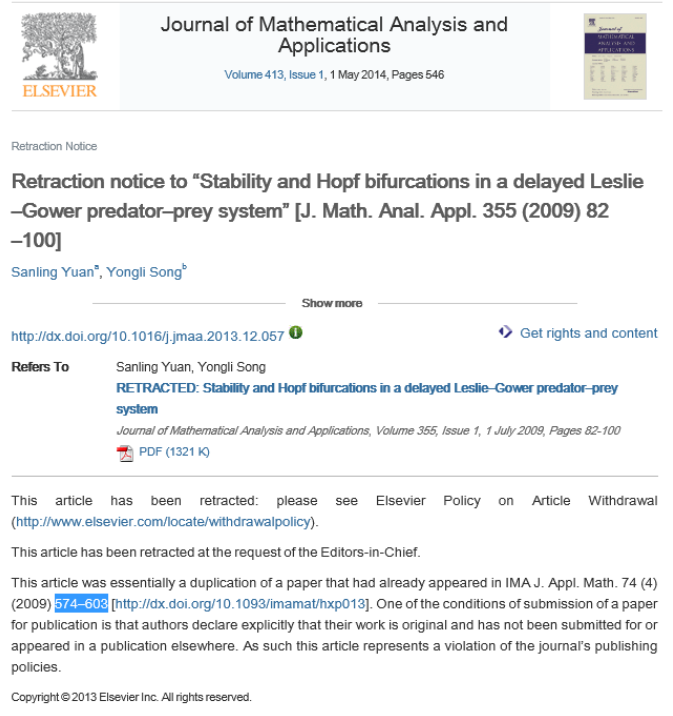
It has come to the attention of IOP Publishing that figure 6(a) of this paper is substantially similar to figure 4(e) of a previously published article by other authors:

Qingfeng Zhang, Nicolas Large, Peter Nordlander, and Hui Wang 2014 'Porous Au Nanoparticles with Tunable Plasmon Resonances and Intense Field Enhancements for Single-Particle SERS' *J. Phys. Chem. Lett.* 5 370-374

This issue was first brought to our attention by two of the co-authors of the *Materials Research Express* (MRX) paper: Dong Wang and Peter Schaaf. The MRX Editorial Board has investigated this matter and concluded that the high degree of similarity between these figures constitutes a breach of our ethical policy. As such, this paper is being retracted by IOP Publishing. All three authors of the paper have agreed to this retraction.

# 重复发表被撤销

- Elsevier 《数学分析与应用杂志》（Journal of Mathematical Analysis and Applications）2014年3月发表撤销声明，撤销了国内学者的一篇学术论文。撤销声明称，该论文基本上是和作者发表在《数学及其应用学会应用数学杂志》（IMA Journal of Applied Mathematics）2009；74（4）：574 - 603论文中的重复，因此主编要求撤销该论文。



Journal of Mathematical Analysis and Applications  
Volume 413, Issue 1, 1 May 2014, Pages 546

Retraction Notice

**Retraction notice to "Stability and Hopf bifurcations in a delayed Leslie-Gower predator-prey system" [J. Math. Anal. Appl. 355 (2009) 82-100]**

Sanling Yuan<sup>\*</sup>, Yonglii Song<sup>\*</sup>

<http://dx.doi.org/10.1016/j.jmaa.2013.12.057>

**Refers To**  
Sanling Yuan, Yonglii Song  
**RETRACTED: Stability and Hopf bifurcations in a delayed Leslie-Gower predator-prey system**  
*Journal of Mathematical Analysis and Applications*, Volume 355, Issue 1, 1 July 2009, Pages 82-100  
PDF (1321 K)

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This article has been retracted at the request of the Editors-in-Chief.

This article was essentially a duplication of a paper that had already appeared in IMA J. Appl. Math. 74 (4) (2009) 574-603 [<http://dx.doi.org/10.1093/imamat/hxp013>]. One of the conditions of submission of a paper for publication is that authors declare explicitly that their work is original and has not been submitted for or appeared in a publication elsewhere. As such this article represents a violation of the journal's publishing policies.

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作者在投稿时明确表示，相关研究工作具原创性，并未在其他期刊发表。



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作者: Yuan, Sanling; Song, Yonglii  
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS 卷: 413 期: 1 页: 546-546 出版年: MAY 1 2014  
全文

2. Stability and Hopf bifurcations in a delayed Leslie-Gower predator-prey system (Retracted article. See vol. 413, pg. 546, 2014)  
作者: Yuan, Sanling; Song, Yonglii  
JOURNAL OF MATHEMATICAL ANALYSIS AND APPLICATIONS 卷: 355 期: 1 页: 82-100 出版年: JUL 1 2009  
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- Elsevier 《材料科学与工程, A辑》 (Materials Science and Engineering: A) 2013年发表撤销声明, 撤销了国内学者的一篇学术论文。撤销声明称, 作者抄袭了作者发表在Elsevier 《材料与设计》 (Materials & Design) 2010; 31 (1): 86 - 75论文中的部分, 因此主编要求撤销该论文。

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Materials Science and Engineering: A  
Volume 527, 10 December 2013, Pages 397

Retraction notice

**Retraction notice to "Effects of minor scandium on as-cast microstructure, mechanical properties and casting fluidity of ZA84 magnesium Alloy" [Mater. Sci. Eng. A 527 (2009) 1074–1081]**

Fusheng Pan<sup>a</sup>, Mingbo Yang<sup>b</sup>, Liang Cheng<sup>b</sup>

<http://dx.doi.org/10.1016/j.msea.2013.09.060> Get rights and content

**Refers To** Fusheng Pan, Mingbo Yang, Liang Cheng  
**RETRACTED: Effects of Minor Scandium on As-cast Microstructure, Mechanical Properties and Casting Fluidity of ZA84 Magnesium Alloy**  
Materials Science and Engineering: A, Volume 527, Issues 4–5, 15 February 2010, Pages 1074–1081  
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This article has been retracted at the request of the Editors.

The authors have plagiarized part of a paper that had already appeared in [Mater. Des., 2010, 31 68–75, <http://dx.doi.org/10.1016/j.matdes.2009.07.018>]. One of the conditions of submission of a paper for publication is that authors declare explicitly that their work is original and has not appeared in a publication elsewhere. Re-use of any data should be appropriately cited. As such this article represents a severe abuse of the scientific publishing system. The scientific community takes a very strong view on this matter and apologies are offered to readers of the journal that this was not detected during the submission process.

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# 图重复投稿问题

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- 香港大学医学院外科学系讲座教授、中国工程院院士XXX、外科学系教授XXX及其研究队伍，将一幅肝癌细胞基因转移图片，重复用于另一篇论文内，被国际权威的《肠胃病学》（*Gastroenterology*）杂志期刊编辑揭发稿内有一幅图片，跟另一本学术杂志《临床癌症研究》（*Clinical Cancer Research*）刊登的图片完全相同。更严重是，两篇稿件属不同研究。
- 发表于《临床癌症研究》的论文，是研究肝癌细胞受到一种名为twist的基因转移所影响，若能改变twist基因，有望阻止肝癌细胞转移。但发表在《肠胃病学》的论文，是研究肝癌细胞另一种基因转移。
- 《肠胃病学》已判罚参与撰写论文的作者，以及参与协助的美国大学研究人员等，5年内不准向该医学杂志及旗下的杂志投稿。
- 该报道来自科学网

# 图片重复被撤销

- 国际学术期刊《美国生理学杂志：细胞生理学》（American Journal of Physiology Cell Physiology）2012年发表撤销声明，应部分作者要求，撤销2010年发表的一篇文章。
- 作者在撤销声明中表示，论文中部分图片重复使用，并且数据被人为不恰当地修改。
- 美国路易斯维尔大学在调查后称，上述行为是论文的第一作者和通讯作者（华人学者）所为，其他作者并不知情。其他作者因此要求撤销此篇论文，并对读者表示歉意。
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1. alpha 5 beta 1-Integrin Expression Is Essential for Tumor Progression in Experimental Lung Cancer (vol. 43, pp. 684, 2010)

作者: Roman, Jesse; Ritzenthaler, Jeffrey D.; Roser-Page, Sussane; 等  
AMERICAN JOURNAL OF RESPIRATORY CELL AND MOLECULAR BIOLOGY 卷: 46 期: 3 页: 414-415 出版年: MAR 2012

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2. alpha 5 beta 1-Integrin Expression Is Essential for Tumor Progression in Experimental Lung Cancer

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Volume 46, Issue 3 (March, 2012)

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Erratum:  $\alpha 5\beta 1$ -Integrin Expression Is Essential for Tumor Progression in Experimental Lung Cancer

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There was an error in a figure published in the article by Jesse Roman, Jeffrey D. Ritzenthaler, Sussane Roser-Page, XiaoJuan Sun, and ShouWei Han (2010) " $\alpha 5\beta 1$ -Integrin expression is essential for tumor progression in experimental lung cancer" (1). Specifically, the published version of Figure 1B, evaluating the effects of  $\alpha 5$  silencing on the expression of other integrin subunits in lung carcinoma cells, erroneously contained duplicate data from another paper. An investigation conducted by the University of Louisville concluded that ShouWei Han was responsible for this error without the knowledge of the co-authors. The coauthors apologize to the readers of the journal for this error.

The correct version of Figure 1B is reproduced above; because Figures 1A and 1B are directly related, the corresponding version of Figure 1A is also included.

Figure 1A and 1B.

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1. Roman J, Ritzenthaler JD, Roser-Page S, Sun X, Han S.  $\alpha 5\beta 1$ -Integrin expression is essential for tumor progression in experimental lung cancer. *Am J Respir Cell Mol Biol* 2010;43:684-691. [Abstract] [Medline]

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- 国际学术期刊《逆转录病毒学》（*Retrovirology*）2011年发表一份撤销声明，应作者要求，撤销了中国学者的一篇研究论文。
- 撤销声明说，文章发表后，作者意识到电泳图谱4D/E与之前发表文章中的图谱重复。此外，图片2B和1B也是同一张。作者对此表示抱歉，因此撤销该论文。

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**Retraction** Highly accessed Open Access

**Retraction: the cellular source for APOBEC3G's incorporation into HIV-1**

Jing Ma<sup>1,2\*</sup>, Xiaoyu Li<sup>1</sup>, Jian Xu<sup>1\*</sup>, Quan Zhang<sup>1</sup>, Zhenlong Liu<sup>1</sup>, Pingping Jia<sup>1</sup>, Jinming Zhou<sup>1</sup>, Fei Guo<sup>2</sup>, Xuefu You<sup>1</sup>, Liyan Yu<sup>1</sup>, Lixun Zhao<sup>1</sup>, Jiandong Jiang<sup>1</sup> and Shan Cen<sup>1,3,4\*</sup>

\* Corresponding author: Shan Cen [shan.cen@mcgill.ca](mailto:shan.cen@mcgill.ca) Author Affiliations

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- 4 Microbiology & Immunology, McGill University, Montreal, Quebec, Canada

For all author emails, please [log on](#).

*Retrovirology* 2011, 8:88 doi:10.1186/1742-4690-8-88

The electronic version of this article is the complete one and can be found online at: <http://www.retrovirology.com/content/8/1/88>

Received: 27 October 2011  
Accepted: 5 November 2011  
Published: 5 November 2011

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# 篡改图表论文被撤销其主要结论仍有效

- 2010年《自然》网站报道，德国波斯特研究中心（Research Center Borstel）的两位博士后因在6篇论文中篡改图表，而被认定存在学术不端行为。
- 外部调查委员会对波斯特研究中心免疫学研究小组自2001年以来发表的13篇论文展开调查。在经过对原始数据重新分析后，委员会发现其中6篇文章存在“篡改”行为。

The screenshot shows a newsblog page with the following content:

- Header: newsblog, Nature brings you breaking news from the world of science.
- Navigation: News & Comment, News Blog, Post.
- Previous post: NASA delays space shuttle flight until 2011.
- Next post: Science advice not mandatory on drugs council, proposes UK government.
- Current issue: 6 March 2014, Volume 507 Number 7400, pp8-134.
- Search bar and social media links (E-alert, RSS, Facebook, Twitter).
- Article title: Inquiry confirms scientific misconduct at German biomedical centre.
- Posted: 06 Dec 2010 | 11:10 GMT | Category: Health and medicine.
- Text: An investigation committee has found two former postdocs at the Research Center Borstel in Germany guilty of scientific misconduct. The external committee in July began their investigation into 13 papers which scientists with the centre's immunology group had published in various journals since 2001. A re-analysis of original data sets revealed "manipulations" in six publications which the committee says qualify as misconduct but not as fraud. All six incriminated publications list a pair of former postdocs as first and second author. The committee established that the authors did manipulate figures but that they had not fabricated data. The main results described in their publications remain valid, the committee concludes. But the inquiry was overshadowed by a high-profile anonymous internet campaign against the head of the lab, immunologist Silvia Bulfone-Paus, and her husband, dermatologist Ralf Paus. The couple currently hold joint positions at the University of Manchester, UK, and at the University of Lubeck in Germany. The smear campaign distributed information about the suspect papers and about individual scientists to science journalists working for key newspapers, magazines and journals internationally. The Research Center Borstel brought formal charges against the unknown individual(s) behind the campaign. Bulfone-Paus, who is listed as senior author of the six incriminated publications, failed in her responsibility to appropriately oversee the research conducted by members of her group, the committee charged, and therefore bears "substantial responsibility" for their scientific misconduct.
- Footer: Previous post, Next post.

## 《自然》网站相关报道

- 调查委员会认为他们确实篡改了文章图表，但并未捏造数据，因此，委员会认定这些文章中的主要结论仍然有效，且他们的行为属于学术不端，并非学术欺诈。

The screenshot shows a Web of Science search results page with the following details:

- Search results: 15 (from Web of Science Core Collection).
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- 1. Signaling through P2X2 receptor in human T cells involves p38(Jck), MAP kinases, and transcription factors AP-1 and NF-kappa B (Retraction of vol 278, pg 1548, 2008). Author: Budagian, Vadim; Bulanova, Elena; Brovko, Luba; et al. JOURNAL OF BIOLOGICAL CHEMISTRY. 卷: 286 期: 11 页: 9894-9894 出版年: MAR 10 2011. [全文]
- 2. Natural soluble interleukin-15R alpha is generated by cleavage that involves the tumor necrosis factor-alpha-converting enzyme (TACE/ADAM17) (Retraction of vol 278, pg 40368, 2004). Author: Budagian, Vadim; Bulanova, Elena; Orinska, Zane; et al. JOURNAL OF BIOLOGICAL CHEMISTRY. 卷: 286 期: 11 页: 9894-9894 出版年: MAR 10 2011. [全文]
- 3. Reverse signaling through membrane-bound interleukin-15 (Retraction of vol 279, pg 42192, 2004). Author: Budagian, Vadim; Bulanova, Elena; Orinska, Zane; et al. JOURNAL OF BIOLOGICAL CHEMISTRY. 卷: 286 期: 10 页: 8708-8708 出版年: MAR 11 2011. [全文]
- 4. Death deflected: IL-15 inhibits TNF-alpha-mediated apoptosis in fibroblasts by TRAP2 recruitment to the IL-15R alpha chain (Retraction of vol 13, pg 1575, 1999). Author: Bulfone-Paus, Silvia; Bulanova, Elena; Pohl, Thomas; et al. PNAS. 卷: 25 期: 3 页: 1110-1119 出版年: MAR 2011. [全文]
- 5. Soluble Ax1 Is Generated by ADAM10-Dependent Cleavage and Associates with Gas6 in Mouse Serum (Retraction of vol 25, pg 9324, 2005). Author: Budagian, Vadim; Bulanova, Elena; Orinska, Zane; et al. MOLECULAR AND CELLULAR BIOLOGY. 卷: 31 期: 6 页: 1330-1330 出版年: MAR 2011. [全文]
- 6. ATP induces P2X2(7) receptor-independent cytokine and chemokine expression through P2X1(1) and P2X2(3) receptors in murine mast cells (Retraction of vol 85, pg 892, 2009). Author: Bulanova, Elena; Budagian, Vadim; Orinska, Zane; et al. JOURNAL OF LEUKOCYTE BIOLOGY. 卷: 89 期: 3 页: 489-489 出版年: MAR 2011. [全文]
- 7. Soluble interleukin (IL)-15R alpha is generated by alternative splicing or proteolytic cleavage and forms functional complexes with IL-15 (Retraction of vol 292, pg 13167, 2007). Author: Bulanova, Elena; Budagian, Vadim; Dulman, Erwin; et al. JOURNAL OF BIOLOGICAL CHEMISTRY. 卷: 286 期: 7 页: 5934-5934 出版年: FEB 10 2011. [全文]

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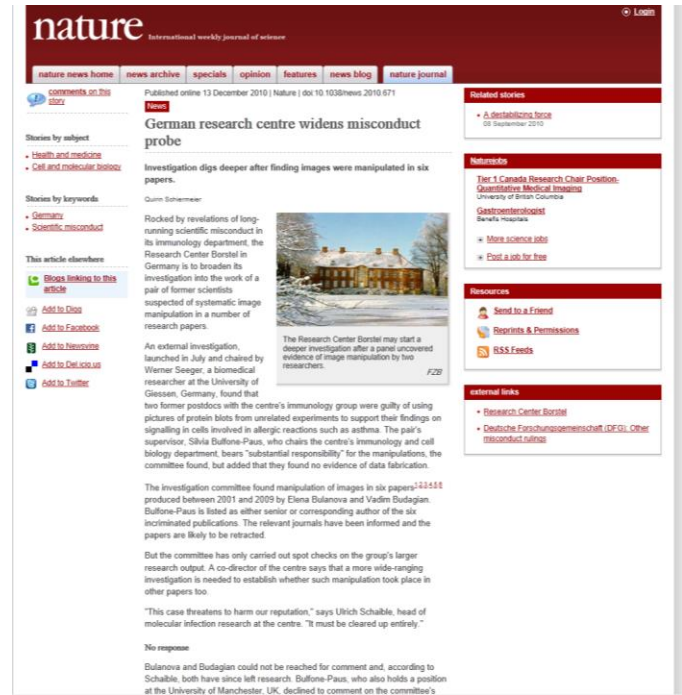
# 篡改图表论文被撤销其主要结论仍有效

- 因对所属博士后存在长期学术不端行为被曝光感到震惊，德国波斯特研究中心（Research Center Borstel）决定对该课题组其他论文进行调查，看是否同样存在数据篡改等行为。



The screenshot shows the website of the Research Center Borstel (Leibniz-Zentrum für Medizin und Biowissenschaften). The main content is a press release titled "Status Quo zum Sachstand wissenschaftlichen Fehlverhaltens am FZB". The text explains that the center has retracted 12 publications from its immunology group between 2007 and 2009 due to scientific misconduct. It also mentions that an external commission found evidence of manipulation in four other publications, and that two more were under investigation. The website includes a navigation menu on the left and a sidebar with various links.

波斯特研究中心公告（德文）



The screenshot shows a news article from the journal Nature, dated 13 December 2010. The headline is "German research centre widens misconduct probe". The article reports that the Research Center Borstel in Germany is broadening its investigation into a pair of former scientists suspected of systematic image manipulation. It mentions that an external investigation, led by Werner Saenger, found no evidence of data fabrication. The article also notes that the investigation committee found manipulation of images in six papers published between 2007 and 2009, and that the center has only carried out spot checks on its larger research output. The website layout includes a navigation bar, a sidebar with related stories, and a main content area with a photograph of a building.

## 《自然》网站相关报道

该中心分子传染研究部门主管表示：“这件事会严重损害我们的名声”，“必须全面肃清”。同时，德国科学基金会（DFG）也对此启动了一项独立调查。斯特研究中心已通知相关期刊要求撤掉总共12篇论文。

# 操纵图表论文被撤销

- 2014年《分子生物学与细胞生物学》（Molecular and Cellular Biology）发表撤销声明，撤销日本学者的6篇论文，文章被发现**有被操纵得令人无法接受多个图像（图2和图4B和C），明显违反了美国微生物学会（ASM）的道德标准**。但第一作者不同意收回这篇文章。

See original article: [Kitagawa et al. 22 \(11\): 3698.](#)

FREE

## Retraction for Kitagawa et al., Ligand-Selective Potentiation of Rat Mineralocorticoid Receptor Activation Function 1 by a CBP-Containing Histone Acetyltransferase Complex

Hirochika Kitagawa, Junn Yanagisawa, Hiroaki Fuse, Satoko Ogawa, Yoshiko Yogiashi, Atsuro Okuno, Hiromichi Nagasawa, Toshihiro Nakajima, Toshio Matsumoto and Shigeaki Kato

Author Affiliations

### RETRACTION

Volume 22, no. 11, p. 3698-3706, 2002. The authors and the journal hereby retract this article. After publication, this article was found to have multiple images that were unacceptably manipulated (Fig. 2 and 4B and C), a clear violation of ASM's ethical standards. Since the integrity of the data as presented was compromised, this publication is retracted in its entirety. We apologize to the readers of *Molecular and Cellular Biology* and regret any inconvenience this causes. H. Kitagawa did not agree to this retraction.

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See original article: [Kitagawa et al. 27 \(21\): 7486.](#)

FREE

## Retraction for Kitagawa et al., A Regulatory Circuit Mediating Convergence between Nurr1 Transcriptional Regulation and Wnt Signaling

Hirochika Kitagawa, William J. Ray, Helmut Glantschnig, Pascale V. Nantermet, Yuanjiang Yu, Chih-Tai Liu, Shun-ichi Harada, Shigeaki Kato and Leonard P. Freedman

Author Affiliations

### RETRACTION

Volume 27, no. 21, p. 7486-7496, 2007. The publisher hereby retracts this article. After publication, this article was found to have multiple images that were unacceptably manipulated (Fig. 4B and 5A), a clear violation of ASM's ethical standards. Since the integrity of the data as presented was compromised, this publication is retracted in its entirety. We apologize to the readers of *Molecular and Cellular Biology* and regret any inconvenience this causes.

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1. Ligand-Selective Potentiation of Rat Mineralocorticoid Receptor Activation Function 1 by a CBP-Containing Histone Acetyltransferase Complex (Retraction of vol 22, pg 3698, 2002)  
作者: Kitagawa, Hirochika, Yanagisawa, Junn; Fuse, Hiroaki; 等  
MOLECULAR AND CELLULAR BIOLOGY 卷 34 期 5 页: 916-916 出版年: MAR 2014  
全文
2. A Regulatory Circuit Mediating Convergence between Nurr1 Transcriptional Regulation and Wnt Signaling (Retraction of vol 27, pg 7486, 2007)  
作者: Kitagawa, Hirochika; Ray, William J.; Glantschnig, Helmut; 等  
MOLECULAR AND CELLULAR BIOLOGY 卷 34 期 5 页: 917-917 出版年: MAR 2014  
全文
3. Vitamin K Induces Osteoblast Differentiation through Pregnane X Receptor-Mediated Transcriptional Control of the Msx2 Gene (Retraction of vol 27, pg 7947, 2007)  
作者: Igarashi, Mamoru; Yogiashi, Yoshiko; Mihara, Masamoto; 等  
MOLECULAR AND CELLULAR BIOLOGY 卷 34 期 5 页: 918-918 出版年: MAR 2014  
全文
4. Coactivation of Estrogen Receptor beta by Gonadotropin-Induced Cofactor GIOT-4 (Retraction of vol 29, pg 83, 2009)  
作者: Kouzu-Fujita, Madoka; Mezaki, Yoshihiro; Sawatsubashi, Shun; 等  
MOLECULAR AND CELLULAR BIOLOGY 卷 34 期 5 页: 919-919 出版年: MAR 2014  
全文
5. Coactivation of Estrogen Receptor beta by Gonadotropin-Induced Cofactor GIOT-4 (Retracted article. See vol. 34, no. 818, 2014)

# 论文学术不规范引争议被撤销

- 由于涉嫌学术不规范行为，伦敦帝国理工学院（Imperial College London）Guido Franzoso教授发表在《癌症细胞》（Cancer Cell）上的一篇文章引起争议。
- 该论文开发出一种新的抗癌药物DTP3，该药可以杀死骨髓瘤细胞且无毒副作用。作者开办了公司，负责DTP3的临床测试。
- Pubpeer网站首先质疑该论文的数据。随后，《癌症细胞》在线发布了论文作者的修改通告，通告称，在作者论文手稿发布后，他们发现一些数据出现裁剪不当，随后作者对数据做了修订。但Pubpeer网站
- 随后又发现了论文数据中的其他问题，而这些问题通告
- 中并没有提及。

Retraction Watch

## 撤销观察

Cancer Cell issues big correction over "incorrectly cropped" figures, other issues

with 3 comments

A 2014 *Cancer Cell* paper became the subject of an erratum in January 2015, shortly after PubPeer members began criticizing the data. However, many issues brought up by commenters weren't addressed in the correction notice, including a figure that might be two experiments spliced together to look like one.

The paper, led by Guido Franzoso at Imperial College London, claims that a new cancer drug called DTP3 kills myeloma cells "without causing any toxic side effects," according to a [press release](#) from the school. Guido Franzoso is the founder of Kesios Therapeutics, a drug company which is [set to begin clinical trials on DTP3](#).

The correction indicates that Western blots were cropped badly, which omitted several panels discussed in the text, while an "extra time point" was included accidentally. An antibody was also omitted from the description of the procedure.

PubPeer commenters have noticed additional issues, such as a [criticism of figure 3D](#), which were not included or changed in this correction.

Here's the [correction](#) for "Cancer-Selective Targeting of the NF- $\kappa$ B Survival Pathway with GADD45 $\beta$ /MKK7 Inhibitors":

“Following publication of this manuscript, the authors discovered some panels that had been incorrectly cropped in Figures 54H and 55V in the Supplemental Information.

As a result of this error, the 0 hr time points of the top PARP-1 panel of Figure 54H, U266, the Tot-JNK and Tot-ERK panels of Figure 55V, U266, and the P-38 panel of Figure 55V, RPMI-8226, as well as the 0 hr and 0.5 hr, DTP3, time points of the P-ERK panel of Figure 55V, RPMI-8226, were accidentally omitted from these panels. An extra time point (i.e., a 1.5 hr time point, T//) was also accidentally included in the P-ERK panel of this figure. Due to an analogous error, the P-JNK panel of Figure 55V, RPMI-8226, was incorrectly aligned.

The authors also discovered an antibody that had been erroneously omitted from the Supplemental Experimental Procedures. This antibody, anti-PARP-1 (95325; 1:1,000), should have been included in the caption "Antibodies: Resazurin and Western Blots."



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1. Cancer-Selective Targeting of the NF-kappa B Survival Pathway with GADD45 beta/MKK7 Inhibitors (vol 26, pg 495, 2014)

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使用次数: 0

检索频次: 9 (来自 Web of Science 的核心库)

使用次数: 9

Cancer Cell

Volume 26, Issue 6, p495, 8 December 2014

Cancer-Selective Targeting of the NF- $\kappa$ B Survival Pathway with GADD45 $\beta$ /MKK7 Inhibitors

Leira Toranzo, Annamaria Sandonico, Domenico Raimondo, Cristina Lina, Alberto Ricci, Cathy Taha-Shepard, Darin Capone, Dan #1 Children, Maria Rosa Estroff-Brown, Mark van Dijk, Pietro Cappelli, Albert Jose-Cervera, Andrius #1, Frederik, John Dwyer, Brian A. #1, Andrej Lesnarik, Angela Chertkov, Christian Chausson, Palfi Soroswadi, Gareth Morgan, Antonio Palombi, Anne Toranzo, Amy #1, Raimondo, Raimondo #1, Guido Franzoso

DOI: 10.1016/j.ccr.2014.11.021

Erratum

Following publication of this manuscript, the authors discovered some panels that had been incorrectly cropped in Figures 54H and 55V in the Supplemental Information.

As a result of this error, the 0 hr time points of the top PARP-1 panel of Figure 54H, U266, the Tot-JNK and Tot-ERK panels of Figure 55V, U266, and the P-38 panel of Figure 55V, RPMI-8226, as well as the 0 hr and 0.5 hr, DTP3, time points of the P-ERK panel of Figure 55V, RPMI-8226, were accidentally omitted from these panels. An extra time point (i.e., a 1.5 hr time point, T//) was also accidentally included in the P-ERK panel of this figure. Due to an analogous error, the P-JNK panel of Figure 55V, RPMI-8226, was incorrectly aligned.

The authors also discovered an antibody that had been erroneously omitted from the Supplemental Experimental Procedures. This antibody, anti-PARP-1 (95325; 1:1,000), should have been included in the caption "Antibodies, Resazurin and Western Blots."

A corrected version of the Supplemental Information is now available online.

## 《癌症细胞》撤销通告

# 使用和包含了未经授权的数据而被撤销

- SCI收录期刊《分子与细胞生物化学》(*Molecular and Cellular Biochemistry*) 近日发表声明，撤销吉林大学研究人员的一篇学术论文。
- 声明说，这篇论文因使用和包含了未经授权的数据而被撤销。在这篇论文里，作者呈现这些数据，却没有适当的致谢。

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Molecular and Cellular Biochemistry  
An International Journal for Chemical Biology in Health and Disease  
© Springer Science+Business Media, LLC. 2010  
10.1007/s11010-010-0658-4

## RETRACTED ARTICLE: MAVS protects cells from apoptosis by negatively regulating VDAC1

Yang Xu<sup>1</sup>, Hui Zhong<sup>2</sup> and Wei Shi<sup>1</sup> ✉

(1) Key Laboratory for Molecular Enzymology and Engineering, Jilin University, 2519 Jie-Fang Road, 130021 Changchun, China  
(2) Institute of Biotechnology, 100850 Beijing, China

✉ Wei Shi  
Email: [zgdlxy@hotmail.com](mailto:zgdlxy@hotmail.com)

Received: 1 July 2010  
Accepted: 15 November 2010  
Published online: 26 November 2010

### Without Abstract

This article is being retracted due to unauthorized use and inclusion of data, in which the author presented data as if it were his own and without proper acknowledgement.

This article is being retracted due to unauthorized use and inclusion of data, in which the author presented data as if it were his own and without proper acknowledgement.

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1. Retracted article: MAVS protects cells from apoptosis by negatively regulating VDAC1.  
作者: [Anonymous]  
Molecular and cellular biochemistry 卷: 375 期: 1-2 页: 219 出版年: 2013-Mar (Epub 2010 Nov 26)  
全文

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《分子与细胞生物化学》  
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# 挪用他人数据论文被撤销

- SCI收录期刊《美国化学会—应用材料与界面》（*ACS Applied Materials and Interfaces*）2013年发表声明，撤销山东大学的一篇有关纳米多孔合金结构的论文。
- 论文与另一篇由数据所有者发表在《国际氢能期刊》（*International Journal of Hydrogen Energy*）上的文章具有“相似性”。

The screenshot shows the ACS Publications website. The main article title is "Retraction of Nanoporous PtCo Surface Alloy Architecture with Enhanced Properties for Methanol Electrooxidation" by Huajun Qiu and Feixue Zou. The notice states that the authors retract the article for violations of ACS Ethical Guidelines to Publication of Chemical Research, as they published without the knowledge or consent of the researchers who provided the data. The notice also lists the authors of the original data: Xu, C.; Hou, J.; Pang, X.; Li, X.; Zhu, M.; Tang, B. The original article is cited as *Int. J. Hydrogen Energy*, 2012, 37, 10489-10498, DOI: 10.1016/j.ijhydene.2012.04.041.

The screenshot shows a Web of Science search result for the retracted paper. The search criteria are: Title: (Surface Alloy Architecture with Enhanced Properties...), Database: SCIENCE TECHNOLOGY. The results list two entries:

1. Retraction of Nanoporous PtCo surface alloy architecture with enhanced properties for methanol electrooxidation. Author: Qiu, Huajun, Zou, Feixue. ACS applied materials & interfaces. 卷: 5 期: 14 页: 6775 出版年: 2013-Jul-24 (Epub 2013 Jul 01). Cited frequency: 1.
2. Nanoporous PtCo Surface Alloy Architecture with Enhanced Properties for Methanol Electrooxidation. Author: Qiu, Huajun, Zou, Feixue. ACS APPLIED MATERIALS & INTERFACES. 卷: 4 期: 3 页: 1404-1410 出版年: MAR 2012. Cited frequency: 13.

撤销声明称，这篇论文由于“违反了ACS关于化学研究出版的道德守则”而被撤销。文章在“没有通知论文数据的所有者且未获得其同意以及未在文中注明数据所有者的贡献”的情况下便发表出来。

# “最原始猎豹” 论文因拼凑化石被撤销

- 美国《国家科学院院刊》（*PNAS*）近日发表声明，应作者要求，撤销中国学者和丹麦科学家共同发表的一篇文章。
- 作者在声明中表示，经过进一步验证，研究中所用化石标本为拼凑而成。而且，这个化石是从晚中新世红土中发现的，而不是从早更新世黄土中发现的，因此，这篇文章撤稿。
- 该文章2008年12月在线发表于《国家科学院院刊》（*PNAS*），作者根据一件据称产自中国甘肃临夏盆地晚上新世黄土沉积的猎豹头骨化石，建立了一个新种柯氏猎豹（*Acinonyx kurteni*），并认为这是世界上“最原始的猎豹”。并推导出结论认为，猎豹很可能起源于欧亚大陆。

## SCI撤销记录



The screenshot shows the PNAS website interface. At the top, there is a navigation bar with links for Contact, Feedback, Submit, Subscribe, and PNAS First Look Blog. Below this is a search bar and a banner for Science Sessions. The main content area features a CrossMark logo and a notice: "Retraction for Christiansen and Mazák, A primitive Late Pliocene cheetah, and evolution of the cheetah lineage". The article title is "Retraction for Christiansen and Mazák, A primitive Late Pliocene cheetah, and evolution of the cheetah lineage". Below the title, there are options to view the full text, authors, and metrics. The article is identified as "EVOLUTION Retraction for 'A primitive Late Pliocene cheetah, and evolution of the cheetah lineage,' by Per Christiansen and ...". There are also social media sharing options and a section for "HighWire Press-hosted articles citing this article", which lists "Mortgaging the future of chinese paleontology" as a citing article.



The screenshot shows the Web of Science database interface. The search results page displays two entries related to the retracted paper. The first entry is "A primitive Late Pliocene cheetah, and evolution of the cheetah lineage (Retraction of vol 106, pg 512, 2009)" by Christiansen, Per; Mazák, Jiří. The second entry is "A primitive Late Pliocene cheetah, and evolution of the cheetah lineage (Retracted article. See vol. 106, pg. 15072, 2012)" by Christiansen, Per; Mazák, Jiří. The interface includes search filters, sorting options, and citation counts for each entry.

# 没有正确地引用已有文献被撤销论文

- 2012年《化学物理期刊》 (*Journal of Chemical Physics*) 刊登撤销声明称，应作者要求，撤销国内某大学某课题组的一篇论文。

The screenshot shows the Web of Science search results for the article "Low energy collisions of CN(X-2 Sigma(+)) with He in magnetic fields". The results list two entries, both marked as retracted. The first entry is from the 2012 issue (Volume 136, Issue 19) and the second is from the 2012 issue (Volume 136, Issue 5). Both entries include the authors' names (Feng, Eryin, Shao, Xi, Yu, Chunhua, et al.) and the journal name (JOURNAL OF CHEMICAL PHYSICS). The interface includes search filters, sorting options, and buttons for full text and abstracts.

The screenshot shows the article page for "Retraction: 'Low energy collisions of CN(X<sup>2</sup>Σ<sup>+</sup>) with He in magnetic fields' [J. Chem. Phys.136, 054302 (2012)]". The authors listed are Eryin Feng<sup>1</sup>, Xi Shao<sup>1</sup>, Chunhua Yu<sup>1</sup>, Chunyan Sun<sup>1</sup> and Wuying Huang<sup>1</sup>. The page includes a "Download PDF" button, social media links, and a "Key Topics" section with "Potential energy surfaces" and "Retraction". The abstract section states: "There is no abstract available for this article." The retraction notice explains that the authors wish to retract the article because the potential energy surface utilized for the cold collision studies was misrepresented as having been newly developed in this laboratory. The notice also includes a list of references.

作者在声明中表示，之所以撤销该文是由于论文中势能面数据被他们误以为是首次计算得到的。实际上，该势能面数据已由另一位科学家于两年前计算得出并将结果发表在同一本期刊上了。作者为“没有正确地引用已有文献以及在未获得原作者允许的情况下就重复该结果”而道歉。

# 没有正确地引用已有文献被撤销论文

- 检索并查阅参考文献对参考文献的选择与标引在论文的撰写中最容易被轻视,同时也是出现问题最多的环节.
- 国外许多期刊编辑部或专业性学会对参考文献的选择与引用均有严格而明确的要求,例如,美国化学会(ACS)在其修订的“作者的道德责任”中明确指出:“**作者有履行检索并引用(与本人工作)密切相关的原始论著的责任**”(An author is obligated to perform a literature search to find, and then cite original publications that describe closely related work P420).因此,作者没有任何理由辩解因为没看到某篇最相关的文献,所以没有引用。那种认为只要不是故意漏引就没有责任的、掩耳盗铃式的做法,在学术界是不被接受的。实际上,一旦有引证行为严重失妥的现象出现,不仅论文的作者会受到同行的谴责,刊载论文的期刊一般也需要发布致歉失察的声明.....



# 两篇高被引论文因数据不可靠遭撤回

发表于PNAS和《分子与细胞生物学》，目前SCI被引234次和40次

- 2010年惠氏制药公司调查，其旗下曾聘用的研究人员Boris Cheskis关于雌激素信号转导机制的研究数据“不可靠”，就此撤回其2007年已发表于《分子与细胞生物学》(*Molecular and Cellular Biology*)的高引用率的论文。
- 激素受体的主要作用是天然或药物配体结合后传导信号，以调控靶基因转录。



《科学家》相关报道

# 两篇高被引论文因数据不可靠遭撤回

- 2002年, Cheskis与同事在美国《国家科学院院刊》(PNAS)发表的论文中报告, 雌激素受体能通过与一种他们命名为MNAR的蛋白相互作用, 从而影响诸多包括c-Src在内的信号激酶和下游信号分子活性。当时, MNAR被认为是第一个被鉴定出来能连接核激素受体与细胞内信号传递系统的分子。由于该论文解析了这种新的相互作用的分子机制, 撤销时其引用量为190次。
- 2009年7月, 由于声称MNAR介导信号转导的实验数据不可靠, 该文章被作者要求撤回。
- 同时, 另一篇发表于《分子与细胞生物学》的报告也因数据不可靠2010年被撤回, 其进一步详细阐述了MNAR与ER、Src的作用机制, 自2007年来被引用27次。

Boris Cheskis 2篇惹祸的论文均是作者中署名最后一个, 但是通信作者身份只能让他来对这2篇文章负主要责任(署名是个荣耀与风险并存的事)



## 《国家科学院院刊》撤销声明



## SCI收录与引用记录

# 肿瘤学家因造假而引咎辞职

撤销时引用次数：约300次

曾因伪造简历被勒令停职

- 2010年《科学》网站报道，因论文涉嫌造假而被调查其学术不端行为，美国杜克大学的肿瘤学家日前正式从该校辞职。
- 曾在数家著名期刊发表有关基因标签的文章，因其**结果无法重复而遭到质疑**。在《癌症通讯》（*The Cancer Letter*）揭发该学者**伪造简历**谎称自己是“罗德学者”的行为后，杜克大学勒令其行政停职。

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Web of Science 类别

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- MEDICINE GENERAL INTERNAL (3)
- BIOCHEMISTRY MOLECULAR BIOLOGY (1)
- CELL BIOLOGY (1)
- MEDICINE RESEARCH EXPERIMENTAL (1)

文献类型

- ARTICLE (8)
- CORRECTION (3)
- LETTER (1)
- PROCEEDINGS PAPER (1)

研究方向

作者

团体作者

编者

序号	文章标题	作者	期刊	引用次数
1	A Genomic Approach to Identify Molecular Pathways Associated with Chemotherapy Resistance (Retraction of vol 7, pg 2141, 2009)	Riedel, Richard F.; Paraiso, Alessandro; Pantzer, Emily, 等	MOLECULAR CANCER THERAPEUTICS 卷 11 期 5 页: 1214-1215 出版年: MAY 2012	0
2	Characterizing the Clinical Relevance of an Embryonic Stem Cell Phenotype in Lung Adenocarcinoma (Retraction of vol 15, pg 7553, 2009)	Stevenson, Maravanta; Mostertz, William; Acharya, Chaitanya R., 等	CLINICAL CANCER RESEARCH 卷 15 期 6 页: 1810-1810 出版年: MAR 15 2012	0
3	Gene expression signatures, clinicopathological features, and individualized therapy in breast cancer. JAMA. (Retraction of 2008;299(13):1574-1587)	Acharya, Chaitanya R.; Hsu, David S.; Anders, Carey K., 等	JAMA JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION 卷 307 期 6 页: 453-453 出版年: FEB 1 2012	2
4	A Genomic Strategy to Refine Prognosis in Early-Stage Non-Small-Cell Lung Cancer. (Retraction of vol 355, pg 570, 2006)	Potti, Anil; Mukharjee, Sayan; Petersen, Rebecca, 等	NEW ENGLAND JOURNAL OF MEDICINE 卷 354 期 12 页: 1176-1176 出版年: MAR 24 2011	7
5	Translating Genomics into Clinical Practice: Applications in Lung Cancer (Retracted Article. See vol 11, pg 413, 2008)	Graham, Audrey Jolly; Potti, Anil	CURRENT ONCOLOGY REPORTS 卷 11 期 4 页: 263-268 出版年: JUL 2009	5
6	Genomic and Molecular Profiling Predicts Response to Temozolomide in Melanoma (Retracted Article. See vol 15, pg 3240, 2009)	Augustine, Christine K.; Yoo, Jin-Soo; Potti, Anil, 等	CLINICAL CANCER RESEARCH 卷 15 期 2 页: 502-510 出版年: JAN 15 2009	40
7	A genomic approach to colon cancer risk stratification yields biologic insights into therapeutic opportunities (Retracted Article. See vol 106, pg 8873, 2009)	Gaman, Katherine S.; Acharya, Chaitanya R.; Edelman, Elena, 等	PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA 卷 106 期 36 页: 8873-8878 出版年: SEP 8 2009	52

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JENNIFER COUZIN-FRANKEL, Staff Writer

Duke Scientist Under Investigation Resigns

19 November 2010 4:35 pm | 5 Comments

A Duke University oncologist who had been the focus of a misconduct investigation has resigned from the university. Anil Potti had published papers in prominent journals identifying gene signatures in tumors that could predict how a patient would respond to treatment. But his work came under scrutiny after two biostatisticians at M.D. Anderson Cancer Center in Houston, Texas, spent years trying and failing to replicate it. The case broke wide open this summer when *The Cancer Letter* discovered that Potti had falsely claimed to have won a Rhodes scholarship. Duke placed Potti on administrative leave soon after.

Separately, the *Journal of Clinical Oncology* yesterday retracted one of the papers in question, by Potti and co-author Joseph Nevins, a cancer geneticist. "The authors wish to retract this article because they have been unable to reproduce the experiments," the notice read. Duke said today that it has "initiated a process" to request retraction of another paper by Potti, which appeared in *Nature Medicine*.

The Duke case has also brought scrutiny to efforts to use tumor gene patterns to predict prognosis or response to treatment. Duke opened clinical trials that relied on Potti's work even as others were expressing concerns about their accuracy. Those trials have since been halted, but the Institute of Medicine is setting up a panel to study clinical use of these gene signatures. That's still in the works.

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Pharmacogenomic Strategies Provide a Rational Approach to the Treatment of Cisplatin-Resistant Patients With Advanced Cancer

Retraction

The authors wish to retract this article because they have been unable to reproduce the experiments demonstrating a capacity of a cisplatin response signature to validate in either a collection of ovarian cancer cell lines or ovarian tumor samples. Because these results are fundamental to the conclusions of the paper, the authors formally retract the paper. We deeply regret the impact of this action on the work of other investigators.

This article was retracted on November 16, 2010.

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This Article doi: 10.1200/JCO.2007.11.0593 JCO October 1, 2007 vol. 25 no. 34: 8308-8317

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《临床肿瘤学期刊》撤销声明

# 日本一病毒学家因论文造假被连续撤稿

- 2011年《科学》网站报道，原日本琉球大学（University of the Ryukyus）病毒学家Naoki Mori因造假而被连续撤销数篇论文，并被数家期刊列入论文发表黑名单
- 2010年8月，学校调查委员会发现该学者存在**学术欺诈行为而被校方开除**。校方在一份声明中表示：“经过调查，我们得出结论该学者对照实验是伪造的”，“鉴于其重要性，我们只能认为这是一种捏造”。调查委员会对发表在17本期刊上的38篇文章进行了质疑和核查，并注意到其中有19篇文章存在问题。
- 被确认撤销的论文已达30多篇，其中5篇发表于《感染与免疫》（*Infection and Immunity*），3篇发表于《病毒学期刊》（*Journal of Virology*），2篇发表于《血液》（*Blood*），1篇发表于《逆转录病毒学》（*Retrovirology*）。



美国微生物学会（ASM）对该作者作出一项严厉的处罚决定：未来10年内，ASM旗下的所有期刊将拒绝发表该作者的任何文章

# 美国女教授主动撤销2篇论文 2年后终攻克难题

- 《自然》网站报道美国加州大学戴维斯分校植物病理学家 Pamela Ronald 教授在1995年鉴定出水稻中XA21蛋白的受体，但在2013年，因发现自己错误地鉴定了Ax21蛋白能够引起免疫反应，Pamela Ronald 主动撤销了发表在《科学》(Science) 和 PLOS 综合 (PLoS ONE) 上的两篇论文。
- 2015年 Pamela Ronald 发表在《科学进展》(Science Advances) 中的论文成功鉴定出 RaxX 蛋白可以引起水稻的免疫反应。
- Pamela Ronald 称这篇《科学进展》论文不仅是她学术生涯中最重要的论文，同时还是她一直苦苦寻找的植物细菌间“交流”的重要证据。Pamela Ronald 认为每个实验室都会犯错误，重要的是我们要把这些错误的事情记录下来并改正它。

负责任的科研行为

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- 1. A type I-secreted, sulfated peptide triggers XA21-mediated innate immunity (Retraction of vol 326, pg 850, 2009)  
作者: Lee, Sang-Won, Han, Sang-Wook, Sriyanum, Malinee, 等  
SCIENCE 卷: 342 期: 6155 页: 191-191 出版年: OCT 11 2013  
被引频次: 5 (来自 Web of Science 的核心合集)  
使用次数
- 2. A Type I-Secreted, Sulfated Peptide Triggers XA21-Mediated Innate Immunity (Retracted article. See vol. 342, pg. 191, 2013)  
作者: Lee, Sang-Won, Han, Sang-Wook, Sriyanum, Malinee, 等  
SCIENCE 卷: 326 期: 5954 页: 850-853 出版年: NOV 6 2009  
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Rice researchers redress retraction  
Team that retracted its own papers finally finds elusive trigger of plant immune response.  
Virginia Gawin  
24 July 2015

Pamela Ronald

A team of biologists has made good on a "devastating" mistake by painstakingly producing the correct result after a high-profile retraction.

The 24 July publication in *Science Advances*<sup>1</sup>, reporting the identity of a long-sought trigger of the immune response in rice, comes from a group led by plant pathologist Pamela Ronald at the University of California, Davis, who retracted their own work and alerted colleagues to mistakes. The case has been hailed as a brilliant example of how to handle errors in science.

In 1995, Ronald and her team identified a gene encoding the XA21 receptor in rice<sup>2</sup>. This helps to defend the plant against a bacterium called *Xanthomonas oryzae* pv. *oryzae*, which causes rice blight — a disease that has led to major rice crop failures in many countries.

But in 2013, the researchers voluntarily retracted two publications<sup>3,4</sup>, which had erroneously identified the Ax21 protein as the trigger of this immune response. The first errors were uncovered in June 2012 after postdocs Rory Pruitt and Benjamin Schwessinger joined Ronald's lab and could not replicate the earlier work.

Eventually the team discovered that the error had arisen from mislabelled bacterial strains and an unreliable test of immune activation. Their subsequent actions led to praise for their efforts to inform the community and correct the scientific record<sup>5</sup>.

In their latest work<sup>1</sup>, Ronald and her colleagues present evidence that a protein they named RaxX does cause the immune response in rice once a sulfate group has been added to it.

"They make a compelling case that this is the actual sulfated protein they were originally looking for," says Lindsay Triggitt, a plant microbiologist at the Connecticut Agricultural Experiment Station in New Haven. "It's good to see that science can be corrected — especially since it can be nearly impossible to get funding for, or publish, research that's already been done."

Toby Bruce, a crop-protection specialist at Rothamsted Research in Harpenden, UK, says that Ronald has earned credibility by being her own whistle-blower. "The community will appreciate this," he says. "Trust is built when research findings are repeatable."

**Life after retraction**  
Shaken by the 2013 retractions, Ronald's team was determined to continue her 20-year search to find the protein that elicits this immune response, she says. They found that mutant bacteria lacking the gene that encodes for RaxX are able to evade the rice immune response. When the

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The refugees and migrants surging into Europe are suffering very high levels of psychiatric disorders. Researchers are struggling to help.

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Artificial intelligence

# 图片存在复制，数据无法重复收回六篇论文

- 2010年9月15日美国著名基因治疗学家宣布收回其已发表在《国家科学院院刊》（*PNAS*）、《国家癌症研究所期刊》（*JNCI*）和《人类基因治疗》（*HGT*）知名刊物上的四篇文章，原因是图片存在复制，数据无法重复。
- 通讯作者在撤销论文声明中写道，有两篇文章的部分显微图片显然是复制的，并称已向其所所在机构的科研诚信委员会报告此事，在调查结果出来前，作者请求撤销这两篇文章。
- 9月24日再次撤回2篇发表在《分子治疗：美国基因治疗学会期刊》（*Molecular Therapy: The Journal of the American Society of Gene Therapy*）上的论文。
- 西奈山科研诚信办公室调查后发现，撤稿牵涉的科研不端行为是该实验室的两名华人博士后所为（论文第一作者），与该著名学者本人无关



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## Gene Therapy Researcher Retracts Four Papers

15 September 2010 8:04 pm | 3 Comments

The relatively new blog Retraction Watch [reports](#) today that noted gene therapy researcher Savio Woo has recently retracted four papers in major journals, including two discussing possible treatments for serious diseases. The matter appears to be the subject of an inquiry at Woo's institution, Mount Sinai School of Medicine in New York City. The blog also notes:

Reading between the lines, the issues involving Woo's data appear to go beyond merely duplicated tables—or, to put it another way, the duplication of the tables may be symptomatic of a more widespread problem.

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NATURE NEWS BLOG

## Leading gene therapy researcher retracts more papers

24 Sep 2010 | 05:16 GMT | Posted by [Heidi Ledford](#) | Category: [Health and medicine](#)

Savio Woo of the Mount Sinai School of Medicine in New York has retracted two more papers this week, the blog [Retraction Watch](#) reported today. That brings Woo's total number of retractions this year to six, following an investigation that found evidence of scientific misconduct committed by two of his postdocs. (See ["Researchers dismissed at gene therapy lab"](#) for more detail.)

Four of the six retracted papers, including [the two](#) most recently pulled, describe a technique that harnesses a viral enzyme called 'phiBT1 integrase' to shuttle genes into the mouse genome, particularly in the liver. The retractions for all of these papers merely cite "data irregularities". [Michele Calos](#), a geneticist at Stanford University, says her lab was unable to reproduce the phiBT1 work and found numerous factual errors in the published procedures. Also, Woo's team claimed that phiBT1 only inserted into the genome at the regions between genes—a key advantage of the technique because it reduced the odds that an insertion would disrupt the function of a normal gene. But that didn't hold up in her lab, Calos notes.

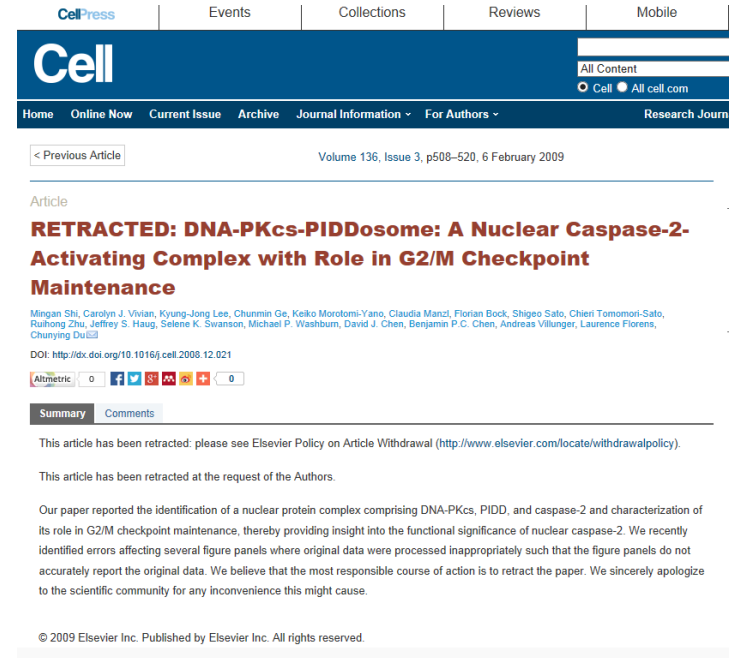
Calos says she informed Woo of these problems, "among many others", in 2008.

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# 美国华人科学家主动撤销一篇《细胞》论文

## 因数据处理不当而撤销；作者称不存在学术欺诈行为

- 2011年《细胞》（*Cell*）刊登一份撤销声明称，应作者要求，撤销美国辛辛那提大学某课题组于2009年发表在《细胞》的一篇论文。作者在这份撤销声明中表示，他们最近发现因为原始数据处理不当，使得图表出现一些错误而没有准确反映原始数据，作者觉得“**最负责任的做法是撤销这篇文章**”，并对由此造成的不便向学术界表示诚挚歉意。



## 《细胞》撤销声明

# 关键结论无法重现主动撤销两篇论文

- 2010年《自然》网站报道，由于对重现研究结果失去信心，诺贝尔奖获得者琳达·巴克（Linda Buck）撤销了两篇有关哺乳动物大脑研究的文章，一篇曾于2006年发表在《科学》（*Science*）杂志上，而另一篇于2005年发表在美国《国家科学院院刊》（*PNAS*）上。
- 这两篇文章的第一作者均为巴克课题组的一位华人博士后，此前他与巴克合作的一篇同样以他为第一作者发表在2001年的《自然》杂志上的文章也因研究结果无法重现而被撤销

The screenshot shows a news article from the journal Nature. The headline is "Nobel-winning brain researcher retracts two papers". The sub-headline reads: "Linda Buck's group has now withdrawn three articles in two years." The article is dated "Published online 23 September 2010" with a DOI of "10.1038/news.2010.489". The author is Alla Katznelson. The text states: "Nobel laureate Linda Buck has retracted two papers that describe how the mammal brain processes smells, after she and her colleagues lost confidence in their results. One paper was published in *Science* in 2006<sup>5</sup>, the other in the *Proceedings of the National Academy of Sciences* (*PNAS*) in 2005<sup>4</sup>." A photograph of Linda Buck is included, with a caption: "Linda Buck shared the Nobel prize in 2004 for her work on how the brain processes odours." Below the photo, it says "Buck shared authorship of the retracted papers with a colleague, neuroscientist Zhihua Zou, whom she employed as a postdoc from 1997 to 2005." The article concludes: "Zou was first author of both retracted papers, as well as of a 2001 paper published in *Nature*<sup>3</sup> that was retracted in 2008. According to a statement from Buck's employers, the Fred Hutchinson Cancer Research Center in Seattle, Washington, that statement omitted Buck."

The screenshot shows a search results page from Web of Science. The search criteria are "检索结果: 3" (Search results: 3) for "BUCK Linda AND 标题: (retract) 更多内容". The results list three papers, all marked as retracted:

- Odor maps in the olfactory cortex (Retraction of vol 102, pg 7724, 2005)**  
作者: Zou, Zhihua, Li, Fusheng, Buck, Linda B.  
PROCEEDINGS OF THE NATIONAL ACADEMY OF SCIENCES OF THE UNITED STATES OF AMERICA 卷: 107 期: 40 页: 17451-17451 出版年: OCT 5 2010
- COMBINATORIAL EFFECTS OF ODORANT MIXES IN OLFACTORY CORTEX (Retraction of vol 311, pg 1477, 2006)**  
作者: Buck, Linda B.  
SCIENCE 卷: 329 期: 5999 页: 1598-1598 出版年: SEP 24 2010
- Genetic tracing reveals a stereotyped sensory map in the olfactory cortex (Retraction of vol 414, pg 173, 2001)**  
作者: Zou, Zhihua, Horowitz, Lisa F., Montmayeur, Jean-Pierre, 等  
NATURE 卷: 452 期: 7183 页: 120-120 出版年: MAR 6 2008



# 《自然》撤销一篇血液干细胞论文

通讯作者称对文章结论缺乏信心；第一作者认为没问题拒绝撤销

- 2010年10月13日《自然》杂志因为数据问题而撤销一篇有关血液干细胞的文章。

The screenshot shows the top of a Nature News Blog article. The header includes the 'newsblog' logo and the tagline 'Nature brings you breaking news from the world of science'. Navigation links for 'News & Comment', 'News Blog', and 'Post' are visible. The article title is 'Retraction for rejuvenating stem cells', dated '13 Oct 2010 | 22:08 GMT', and categorized under 'Biology & Biotechnology'. The main text begins with a summary of the retraction, mentioning that a high-profile article from January 2010 was retracted due to concerns about data. It also notes that the paper was highly regarded, with the faculty of 10000 receiving some media coverage. A section of the retraction text is quoted, stating the authors' lack of confidence in the role of osteopontin-positive niche cells. A note mentions that one author, Shane Mayack, did not sign the retraction. At the bottom, there are social media sharing options for comment, email, print, and share/bookmark.

作者在撤销声明中称主要是“骨桥蛋白阳性龕细胞在老年小鼠体内造血干细胞再生方面的作用”让其缺乏信心，而选择将整个文章撤销。文章第一作者认为研究结果没问题而未在撤销声明中签字

The screenshot shows the Nature journal website's retraction page. The header features the 'nature' logo and navigation links for Home, News & Comment, Research, Careers & Jobs, Current Issue, Archive, Audio & Video, and For Authors. The breadcrumb trail indicates the article is in the 'Retractions' section. The article title is 'Systemic signals regulate ageing and rejuvenation of blood stem cell niches' by Shane R. Mayack, Jennifer L. Shadrach, Francis S. Kim & Amy J. Wagers. The publication details are 'Nature 467, 872 (14 October 2010) | doi:10.1038/nature09474', published online on 13 October 2010. There are links for PDF, Citation, Reprints, Rights & permissions, and Article metrics. The retraction notice states that three authors (J.L.S., F.S.K., and A.J.W.) wish to retract the article after a re-examination of the publication raised serious concerns with some of the reported data. It notes that these concerns undermined the authors' confidence in the scientific conclusions, specifically the role of osteopontin-positive niche cells. The authors regret any adverse consequences and wish to retract the paper in its entirety. The retraction has not been signed by Shane R. Mayack, who maintains that the results are still valid.

《自然》刊登撤销声明

《自然》网站相关报道

# 2013年《自然》杂志撤销2005年一封面文章

通讯作者提交撤回申请5年后，通讯作者提供造假证据4年半后，该文章才得以撤回

- 2005年美国罗格斯大学新不伦瑞克分校进化生物学家Robert Trivers公布了一项引人瞩目的发现：相较于同龄人，体形更匀称的牙买加青少年更有可能被认为是跳舞高手。
- 这一研究被发表在《自然》杂志的封面上，表明人类在挑选伴侣时，舞蹈在其中发挥了重要作用。



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1. Dance reveals symmetry especially in young men (Retraction of vol 438, pg 1148, 2005)  
作者: Brown, William M.; Cronk, Lee; Grochow, Keith; 等  
NATURE 卷: 504 期: 7480 页: 470-470 出版年: DEC 19 2013  
全文

2. Dance reveals symmetry especially in young men (Retracted article. See vol. 504, pg. 470, 2013)  
作者: Brown, WM, Cronk, L, Grochow, K 等  
NATURE 卷: 438 期: 7171 页: 1148-1150 出版年: DEC 22 2005  
全文 查看摘要

分析检索结果  
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被引频次: 0 (来自 Web of Science 的核心合集)

被引频次: 81 (来自 Web of Science 的核心合集)

撤销论文

在论文发表后，通讯作者Trivers意识到研究数据可能存在问题。Trivers怀疑当时的合著者之一（第一作者）博士后研究员William Brown捏造了研究数据。

# 2013年《自然》杂志撤销2005年一封面文章

通讯作者提交撤回申请5年后，通讯作者提供造假证据4年半后，该文章才得以撤回

- 为了撤销该文章，通讯作者 Trivers 自行出版了《对于欺诈的剖析》一书，这本书详尽介绍了他所发现的捏造数据的证据。
- 2013年4月，罗格斯大学的调查最终认定，大量清晰有力的证据证实，该研究存在多处学术造假现象，包括**选择实验对象时带有倾向性**，以便人为地获得所期望的结果。
- 论文被撤回时已经被引用了136次。

The screenshot shows the Web of Science interface for a retracted article. The article title is "Dance reveals symmetry especially in young men (Retraction of vol 438, pg 1148, 2005)". The authors listed are Brown, WM; Cronk, L; Grochow, K; Jacobson, A; Liu, CK; Popovic, Z; and Trivers, R. The article is from NATURE, volume 504, issue 7480, pages 470-470, published in December 2013. The DOI is 10.1038/nature12728. The interface also shows citation metrics, including 0 citations in all databases and 0 in the Web of Science Core Collection.

The screenshot shows the Nature journal website's retraction notice. The article title is "Retraction: Dance reveals symmetry especially in young men" by William M. Brown, Lee Cronk, Keith Grochow, Amy Jacobson, C. Karen Liu, Zoran Popović & Robert Trivers. The notice is dated 19 December 2013, with a DOI of 10.1038/nature12728. It was published online on 27 November 2013. The notice includes options for PDF, Citation, Reprints, Rights & permissions, and Article metrics. The subject terms are "Sexual selection". The original article is identified as Nature 438, 1148-1150 (2005), doi:10.1038/nature04344. The notice concludes with: "We retract this Letter, which reported strong positive associations between symmetry and dancing ability in a group of young Jamaican men. K.G. could not be contacted."

# 2015年撤稿观察发布撤稿数量排名

<http://retractionwatch.com/the-retraction-watch-leaderboard/>

- 1、日本前东邦大学麻醉学者Yoshitaka Fujii撤稿183篇
- 2、德国前Ludwigshafen医院的首席麻醉学家Joachim Boldt撤稿89篇
- 3、中国台湾屏东教育大学工程师Peter Chen撤稿60篇
- 4、荷兰蒂尔堡大学心理学家Diederik Stapel撤稿54篇
- 5、日本东京大学内分泌学家Shigeaki Kato教授撤稿36篇
- 6、德国康斯坦茨大学Hendrik Schön博士撤稿36篇
- 7、韩国东国大学药用植物学家Hyung-In Moon撤稿35篇
- 8、原日本琉球大学病毒学家Naoki Mori撤稿32篇
- 9、美国麻省Baystate医学中心前主任Scott Reuben撤稿22篇
- 10、德国乌尔姆大学Friedhelm Herrmann教授撤稿21篇

Retraction Watch

Tracking retractions as a...

## The Retraction Watch Leaderboard

with 18 comments

Who has the most retractions? Here's our unofficial list (see notes on methodology), which we'll update as more information comes to light:

1. Yoshitaka Fujii (total retractions: 183) Source: [Final report of investigating committee, our reporting](#)
2. Joachim Boldt (94) Sources: [Editors in chief statement](#), [additional coverage](#)
3. Peter Chen (60) Source: [SAGE](#)
4. Diederik Stapel (58) Source: [Our cataloging](#)
5. Adrian Maxim (48) Source: [IEEE database](#)
6. Hua Zhong (41) Source: [Journal](#)
7. Shigeaki Kato (38) Source: [Our cataloging](#)
8. Hendrik Schön (36) Sources: PubMed and Thomson Scientific
9. Hyung-In Moon (35) Source: [Our cataloging](#)
10. James Hunnicutt (33.5, counting partial retraction as half) Source: [Our cataloging](#)
11. Naoki Mori (32) Source: PubMed, [our cataloging](#)
12. Tao Liu (29) Source: [Journal](#)
13. Gideon Goldstein (26)
14. Scott Reuben (25)
15. Gilson Khang (22) Sources: [WebCitation.org](#), [WebCitation.org](#), [Journal](#)
16. Friedhelm Herrmann (21)
17. Dinak Das (20) [Click here](#) for a full list of retracted papers
18. John Darsee (17)
19. Wataru Matsuyama (17)
20. Alirio Melendez (17)
21. Robert Slutsky (17)
22. Ulrich Lichtenhaler (16)
23. Khalid Zaman (16)
24. Pattiann Chirameanu (15)
25. Marion A. Brach (14)
26. Bernardino Saccomanni (14)
27. Silvia Bulfone-Paus (13)
28. Suresh Radhakrishnan (13)
29. Noriyuki Takai (13)
30. Jesus Angel Lemus (13)

We note that all but two of the top 30 are men, which agrees with the general findings of a [2013 paper](#) suggesting that men are more likely to commit fraud.

### Notes:

Many accounts of the [John Darsee story](#) cite 80-plus retractions, which would place him third on the list, but Web of Science only lists 17. Three of which are categorized as corrections. That's not the only discrepancy.

科学网均有相关报道

# 论文撤销原因

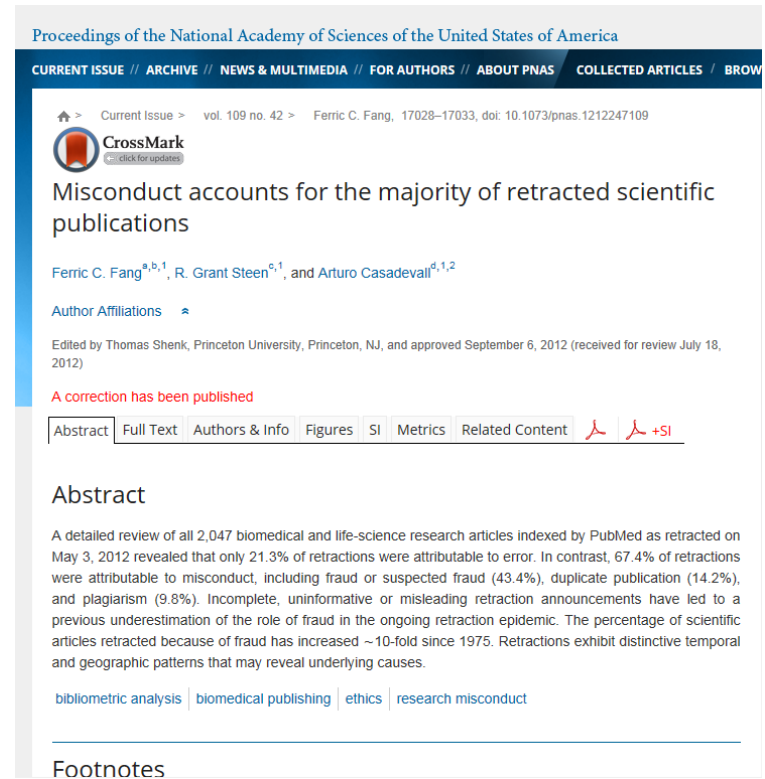
- 《医学伦理学杂志》（Journal of Medical Ethics）2011年发表的一份研究（Retractions in the scientific literature: is the incidence of research fraud increasing?）指出2000年至2010年742个论文发表后遭撤稿的案例中，73.5%是由于错误，26.6%为行为不端

The screenshot shows the 'Journal of Medical Ethics' website. The article title is 'Retractions in the scientific literature: is the incidence of research fraud increasing?' by R Grant Steen. The article is dated 2011, volume 37, issue 4, pages 249-253. The abstract mentions that 742 English language research papers were retracted between 2000 and 2010, with 73.5% due to error and 26.6% due to fraud. The website interface includes a search bar, navigation tabs, and a sidebar with options like 'Full text', 'PDF', and 'Services'.

The screenshot shows the 'Web of Science' database interface. The search results show one article: 'Retractions in the scientific literature: is the incidence of research fraud increasing?' by Steen, R. Grant, published in 'JOURNAL OF MEDICAL ETHICS' in April 2011. The article has a citation frequency of 56. The interface includes a search bar, navigation tabs, and a sidebar with options like '分析检索结果' and '创建引文报告'. A large orange arrow points from the article title to the '高被引' (Highly Cited) icon in the sidebar.

# 论文撤销原因

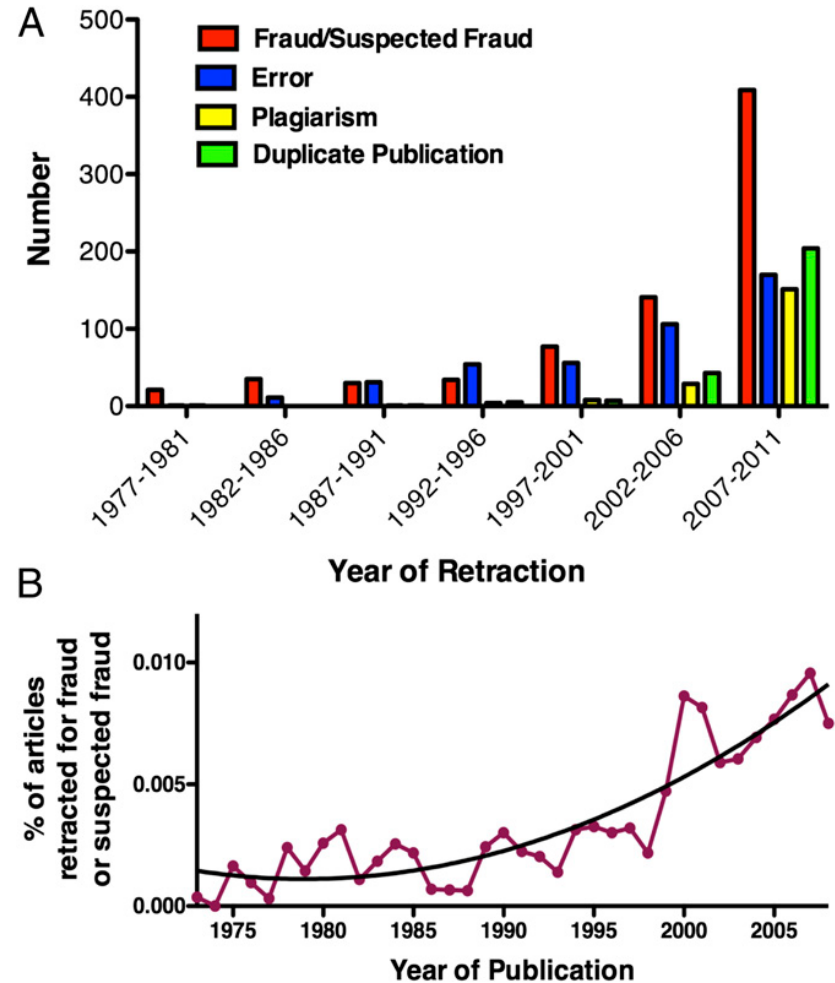
- 《美国国家科学院院刊》（*Proceedings of the National Academy of Sciences of the United States of America*）2012年发表和《医学伦理学杂志》（*Journal of Medical Ethics*）2011年类似的研究（Misconduct accounts for the majority of retracted scientific publications）。



- 该研究搜集1977年至2011年以来的所有的撤稿案例，研究发现行为不端（包含篡改数据和剽窃）实际上才是撤稿的主要原因，占了总数的67%，包括欺诈或涉嫌欺诈（43.4%），重复发表（14.2%），及抄袭（9.8%）。

# 论文撤销原因

- *Misconduct accounts for the majority of retracted scientific publications*
- 作者: Fang, Ferric C.; Steen, R. Grant; Casadevall, Arturo
- *Proceedings of the National Academy of Sciences of the United States of America* 卷: 109 期: 42 页: 17028-17033 出版年: OCT 16 2012
- 图表列出自1977年以来撤稿的主要原因及其日益增长的趋势
- 行为不端的退稿以极度惊人的速度在成长, 剽窃和重复发表早先还不是撤稿要素, 现在却越来越普遍。



# 《自然》社论关注论文撤销 文章撤销比例大幅增加；学术造假渐受关注

- 2010年11月4日出版的《自然》杂志刊登社论《一场痛苦的补救》（A painful remedy），关注当前论文撤销数量的增长趋势及其背后的原因。
- 2010年的《自然》杂志已撤销文章数达到不寻常的四篇。统计过去十年里的《自然》论文撤销数量，达到平均一年两篇。

‘Publish or perish’ factor in spiralling retractions

## Retractions up tenfold

20 AUGUST 2010

‘Publish or perish’ factor in withdrawal of science papers. Zoe Corbyn reports

The rate at which scientific journal articles are being retracted has increased roughly tenfold over the past two decades, an exclusive analysis for Times Higher Education reveals.

Growth in research fraud as a result of greater pressure on researchers to publish, improved detection and demands on editors to take action have been raised as possible factors in the change.

The study, by the academic-data provider Thomson Reuters, follows the retraction last month of a paper on the creation of sperm from human embryonic stem cells.

The paper, written by researchers at Newcastle University, was withdrawn by the *Stem Cells and Development* journal following its discovery that the paper’s introduction was largely plagiarised.

The Thomson Reuters analysis charts the number of peer-reviewed scientific-journal articles produced each year from 1990 and the number of retractions.

It shows that over nearly 20 years the number of articles produced has doubled, but the number of retractions – still a small fraction of the literature – has increased 20 times. This is equal to a tenfold increase, factoring in the growth of articles.

The data are extracted from the Thomson Reuters Web of Science citation database, and apply to the journals covered by its Science Citation Index Expanded.

Whereas in 1990, just five of the nearly 600,000 journal articles that were produced worldwide were retracted, last year the figure was 95 of the 1.4 million papers published.

The growth has been particularly pronounced in the past few years, even factoring out 22 retracted papers authored by Jan Hendrik Schön, the disgraced German physicist, earlier this decade.

James Parry, acting head of the UK Research Integrity Office (UKRIO), said it was impossible to know for certain the reasons for the increase.

“It might reflect a real increase in misconduct or, more likely, an increase in detection compared with 20 years ago,” he said.

He noted that while “most” retractions were for misconduct or questionable practice, “many” were the result of honest errors, such as an author misinterpreting results and realising the mistake later.

“Some editors have been very slow to spot misconduct and to take action when

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www.ukrio.org

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The rise of retractions in science – more misconduct or softer scrutiny?

20 AUGUST 2010



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NATURE | EDITORIAL

日本語要約

## A painful remedy

Nature 468, 6 (04 November 2010) | doi:10.1038/468006b  
Published online 03 November 2010 | Corrected online 18 November 2010

PDF Citation Reprints Rights & permissions Article metrics

The number of papers being retracted is on the rise, for reasons that are not all bad.

Subject terms: Authorship · Publishing · Research community

Few experiences can be more painful to a researcher than having to retract a research paper. Some papers die quietly, such as when other scientists find that the work cannot be replicated and simply ignore it. Yet, as highlighted by several episodes in recent years, the most excruciating revelation must be to find not only that a paper is wrong, but that it is the result of fraud or fabrication, which itself requires months or years of investigation. Where once the research seemed something to be exceptionally proud of, the damage caused by fraudulent work can spread much wider, as discovered by associates of the Austrian physicist Jan Hendrick Schön and the South Korean stem-cell biologist Woo Suk Hwang. But whatever the reason for a retraction, all of the parties involved — journals included — need to face up to it promptly.

This year, *Nature* has published four retractions, an unusually large number. In 2009 we published one. Throughout the past decade, we have averaged about two per year, compared with about one per year in the 1990s, excluding the pulse of retractions of papers co-authored by Schön.

Given that *Nature* publishes about 800 papers a year, the total is not particularly alarming, especially because only some of the retractions are due to proven misconduct. A few of the *Nature* research journals have also had to retract papers in recent years, but the combined data do no more than hint at a trend. A broader survey revealed even smaller proportions: in 2009, *Times Higher Education* commissioned a survey by Thomson Reuters that counted 95 retractions among 1.4 million papers published in 2008. But the same survey showed that, since 1990 — during which time the number of published papers doubled — the proportion of retractions increased tenfold (see <http://go.nature.com/vphd17>).

So why the increase? More awareness of misconduct by journals and the community, an

Science jobs Science events

### natureevents directory

Society for Investigative Dermatology Annual Meeting  
07 May 2014 — 10 May 2014  
Albuquerque, NM, United States

2014 International Biotechnology, Chemical Engineering and Life Science Conference (IBCCEC)  
04 September 2014 — 06 September 2014  
904-0413 Okinawa Prefecture, Kunigami District, Onna, Okinawa, Japan

When Senses take Flight: The Evolution, Development, Mechanisms and Function of Avian Senses  
04 September 2014 — 05 September 2014  
Chicheley, Newport Pagnell, United Kingdom

汤森路透（Thomson Reuters）2009年的调查也显示，2008年，全球有大约140万篇文章发表，其中有95篇被撤销，与1990年相比，文章发表量增加了1倍，但撤销文章比例却增加了10倍。



# 《自然》社论关注论文撤销

- 论文被撤销——科学家最痛苦的事莫过于此。结论无法重现而后被弃用，文章也随之渐渐淡出人们视线。然而，近年来的论文撤销案例让人们感受到一件更痛苦的事情：被撤文章不仅是出现错误，而且还是造假之物。
- 究其原因，期刊和学术界对学术不端的逐渐重视、数据造假水平和造假检测技术的提升、期刊撤销文章的逐渐主动，均与论文撤销数量增加有很大关系。同时，实验室领导人员在实验具体细节上管理难度的增加，也导致研究人员对造假后难以被发现存有侥幸心理。
- 此外，在一个高度竞争的学术环境中，对保证研究质量的需求更加迫切，但其达成的难度也会增加。过去的例子证明，合作研究中的数据核查难度大，合作者往往也要承担很大的风险。
- 归根结底，那些恪守职责、勤奋、勇于发现并改正错误的科学家才是最深受影响的。但大多数情况下，他们的认真却得不到应有的肯定。

# 谢谢！



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