

研究活動における不正行為の防止について

大学改革支援・学位授与機構
研究活動の不正防止等に関する研修
平成29年9月26日

コンプライアンス推進責任者
研究倫理教育責任者
武市正人

責任ある研究活動のために Research Integrity

- 研究者の責任

- Individual/Personal Integrity
- 研究活動における研究者のとるべき責任
- 研究者の関係する組織における公正性確保の責任

- 組織の責任

- Institutional/Organizational Integrity
- 研究組織としての機関・研究室等における責任
- 研究不正の実行者に対する組織としての責任
- 文部科学省、日本学術振興会等の「ガイドライン」に規定

大学改革支援・学位授与機構における 教育研究の不正防止の視点

- 機構における責任ある調査研究活動の遂行
 - 調査研究の実施に関する責任
 - 調査研究経費の適切な執行
 - 調査研究におけるデータの取扱い
 - 調査研究実施にあたっての倫理的配慮
- 大学評価・学位授与に関わる立場から
 - 大学等における研究者の活動状況の理解
 - 大学評価、学位授与の基盤としてのAcademic Integrityの確立に向けた行動のために

機構の研究不正防止研修 — 研究者の不正行為に関する課題の共有

- 研究者の健全な行動のために
 - 「科学者をめざす君たちへ」
- 研究論文公表の場の課題
 - “ハゲタカ出版”(Predatory Publishing)
- 研究論文不正の現状
 - “研究不正大国日本”
- 研究者の研究不正行為
 - セルカン事件(Serkan Anilir)
- 研究者による経歴・業績の誇称・虚偽記載
 - 業績誇称による問題
- 研究論文査読の陥穽
 - ピアレビューの課題

研究者の健全な行動のために

「科学者をめざす君たちへ」 On Being a Scientist
(化学同人、2010)

1. 研究者の責任ある行動とは
2. よき助言者と指導者
3. 実験データの取り扱い方
4. 科学上の間違いと手抜き行為
5. 科学研究における不正行為
6. 規範違反の疑いがある場合にはどうすればよいか
7. 研究で人間や動物を使用するとき
8. 実験室の安全
9. 研究成果の共有
10. 著者名の表し方と業績分配
11. 知的財産の考え方
12. 利害・責任・価値観の衝突
13. 社会の中の研究者

研究論文公表の場の課題

- Beall's List (Jeffrey Beall, University of Colorado)
 - <http://beallslist.weebly.com>
 - “ハゲタカ出版社”(Predatory Publisher)リストを公表
 - 約1,200の論文誌名(Open-access Journal)を公表
 - 研究者向けに論文投稿のオンラインガイド“Think-Check-Submit”を提供 (16カ国語)
- SCIRP (Scientific Research Publishing)
 - 奥村暁 (名古屋大) による寄稿数の集計
 - <http://oxon.hatenablog.com> (2015/12/08)
 - 東大107, 九州大99, 東北大94, 北大90, 新潟大84, 京大78, ...
 - 米MIT 16, 英Cambridge 23, 英Oxford 15, 米Harvard 40, 米Stanford 28, 中 精華大学57

Beall's List

<http://beallslist.weebly.com>

BEALL'S LIST OF PREDATORY JOURNALS AND PUBLISHERS

PUBLISHERS STANDALONE JOURNALS CONTACT OTHER THINK CHECK SUBMIT

Potential, possible, or probable open-access publishers

This is a list of questionable, scholarly open-access publishers. We have included the available reviews, assessments and ourselves whether they want to submit articles, serve as editors or on editorial boards whose practices match those of the publishers added to the list as well. The criteria for inclusion are based on the available reviews, assessments and ourselves whether they want to submit articles, serve as editors or on editorial boards whose practices match those of the publishers added to the list as well. The criteria for inclusion are based on the available reviews, assessments and ourselves whether they want to submit articles, serve as editors or on editorial boards whose practices match those of the publishers added to the list as well.

We hope that tenure and promotion committees will use this list to rate articles published in these journals and/or geocultural locus. We emphasize business and editorial practices over time. but may not reflect sudden, unreported, or unknown changes.

- 1088 Email Press
- 2425 Publishers
- The 5th Publisher
- ABC Journals
- A M Publishers
- Abhinav
- Academe Research Journals
- Academia Publishing
- Academic Research Journals

BEALL'S LIST OF PREDATORY JOURNALS AND PUBLISHERS

PUBLISHERS STANDALONE JOURNALS CONTACT

Potential, possible, or probable predatory scholarly open-access journals

This is a list of questionable, scholarly open-access standalone journals. For more information on the publisher on the list of publishers, [here](#). This list is only for single, standalone journals. We recommend that scholars read the available reviews, assessments and ourselves whether they want to submit articles, serve as editors or on editorial boards whose practices match those of the publishers added to the list as well. The criteria for inclusion are based on the available reviews, assessments and ourselves whether they want to submit articles, serve as editors or on editorial boards whose practices match those of the publishers added to the list as well.

We hope that tenure and promotion committees will use this list to rate articles published in these journals and/or geocultural locus. We emphasize business and editorial practices over time. but may not reflect sudden, unreported, or unknown changes.

- Academic Exchange Quarterly
- Academic Research Reviews
- Academy of Contemporary Research Journal (AOCRJ)
- ACME Intellects
- Acta de Gerencia Ciencia (CAGENA)
- Acta Advances in Agricultural Sciences (AAAS)
- Acta Kinesiologica

約1,200誌名を公表

出版社名を公表

Home Think Check Submit About Languages FAQ

Think. Check. Submit.

Think. Check. Submit より

Sharing research results with the world is key to the progress of your discipline and career. But with so many publications, how can you be sure you can trust a particular journal? Follow this check list to make sure you choose trusted journals for your research.

! THINK

Are you submitting your research to a trusted journal?
Is it the right journal for your work?

✓ CHECK

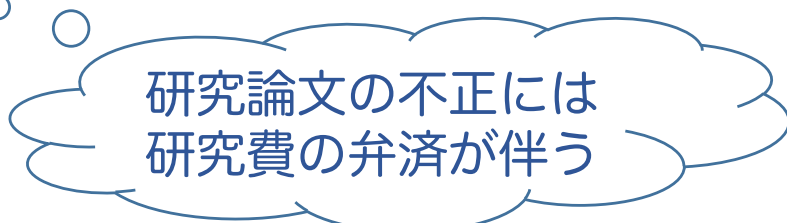
Use our [check list](#) to assess the journal

> SUBMIT

Only if you can answer 'yes' to the questions on our [check list](#)

研究論文不正の現状

- 論文撤回情報サイト(Retractation Watch サイト)
 - 1. 藤井喜隆 (元東邦大准教授) 183編撤回 (2012)
 - 7. 加藤茂明 (元東大分生研教授) 39編撤回 (2013)
 - 東大調査委員会報告 (2014)
 - 43件の論文撤回が妥当
 - 「研究室内での指示が常態化してデータ捏造などが横行」
- 研究者個人の不正
 - 藤井喜隆 (2012)
 - 小保方晴子 (2014)
- 研究室ぐるみの不正 (東大分子生物学研究所)
 - 加藤茂明 (2014)
 - 渡邊嘉典 (2017)
- 研究論文不正に関わる訴訟等
 - 論文の疑義に付随する処分等に関わる訴訟



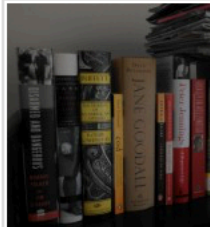
研究論文の不正には
研究費の弁済が伴う

Retraction Watch

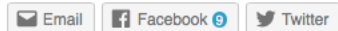
Weekend reads: Sexual harassment = scientific misconduct, one society; favorite plagiarism excuses

without comments

The week at Retraction Watch featured an [expression of concern in Science just days after a paper was published](#), mass [editorial board resignations over a paper defending colonialism](#), and two papers [retracted for publisher errors](#). Here's what was happening elsewhere: [Read the rest of this entry »](#)



Share this:



Written by Ivan Oransky
September 23rd, 2017 at 9:00 am

Posted in [weekend reads](#)

Prominent food researcher retracts paper from JAMA replaces it with multiple fixes

with 2 comments

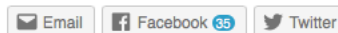
Earlier this week, we reported that high-profile food researcher [Brian Wansink](#) — who's [faced months of criticisms about his research](#) — had [issued his second retraction](#). On Thursday, he [issued his third](#).

The retracted paper — a [2012 research letter in the Archives of Pediatrics and Adolescent Medicine](#), now *JAMA Pediatrics* — reported that children were more likely to choose an apple over a cookie if the apple included an Elmo sticker. The same day the paper was retracted, Wansink and his co-authors published a replacement version that includes multiple changes, including to the methodology and the results.

The [retraction notice](#) lists the mistakes, which the authors say they made "inadvertently."

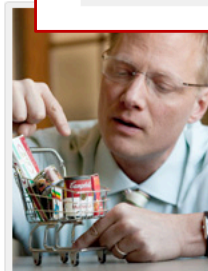
[Read the rest of this entry »](#)

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Written by Alison McCook
September 22nd, 2017 at 10:32 am

Posted in [data issues](#), [food science](#), [freely available](#), [investigator error](#), [JAMA Pediatrics](#), [methodological problems](#), [nutrition](#), [society journal retractions](#), [united states](#)



Brian Wansink

Authors retract Science paper after investigation reveals manipulated images

with one comment

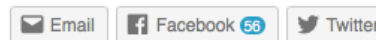
Researchers at a prominent Japanese university have retracted a 2015 paper in *Science*, after an investigation uncovered image falsification and fabrication.

Last September, the University of Tokyo began an investigation of seven papers from the lab of cell biologist [Yoshinori Watanabe](#) after receiving anonymous allegations. In May 2017, the university determined that five papers contained falsified or fabricated images, and announced the results of its [investigation on August 1](#). Two of the papers were published in *Science*, two in *Nature* and one in *EMBO Reports*.

On July 1 2017, *EMBO Reports* issued an [erratum](#) to the 2011 paper flagged in the investigation, correcting issues in several figures. Here's the [retraction notice](#) for "The inner centromere-shugoshin network prevents chromosomal instability," the 2015 paper in *Science* and the first of the papers to be retracted: [Read the rest of this entry »](#)



Share this:



Written by Victoria Stern
September 5th, 2017 at 2:48 pm

Posted in [japan retractions](#)

[Upcoming Retraction Watch appearances](#)
[What people are saying about Retraction Watch](#)

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Recent Posts

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Recent Comments

Eric on "[Devastating:](#)" [Authors retract paper in Nature journal upon discovering error](#)
L. Burke Files on [Article defending colonialism draws rebuke, journal defends](#)

渡邊嘉典氏
の論文撤回記事
(2017/09/05)

Retraction Watch サイトより

Retraction Watch

The Retraction Watch Leaderboard

with 21 comments

Who has the most retractions? Here's our unofficial list (see more information comes to light:

1. [Yoshitaka Fujii](#) (total retractions: 183) Sources: [Final retraction](#)
2. [Joachim Boldt](#) (96) Sources: [Editors in chief statement](#), [SAGE](#)
3. [Diederik Stapel](#) (58) Source: [Our cataloging](#)
4. [Adrian Maxim](#) (48) Source: [IEEE database](#)
5. [Peter Chen](#) (Chen-Yuan Chen) (43) Source: [SAGE](#), [our cataloging](#)
6. [Hua Zhong](#) (41) Source: [IEEE database](#)
7. [Shigeaki Kato](#) (39) Source: [IEEE database](#)
8. [James Hunton](#) (37) Source: [IEEE database](#)
9. [Hendrik Schön](#) (36) Source: [IEEE database](#)
10. [Hyung-In Moon](#) (35) Source: [IEEE database](#)
11. [Naoki Mori](#) (32) Source: [IEEE database](#)
12. [Tao Liu](#) (29) Source: [IEEE database](#)

日本の
研究者

“自己査読”

2017/09/26

Retraction Watch

Tracking retractions as a

Top 10 most highly cited retracted papers

without comments

Ever curious which retracted papers have been most cited by other scientists? Below, we present the list of the 10 most highly cited retractions. Readers will see some familiar entries, such as the infamous *Lancet* paper by Andrew Wakefield that [originally suggested a link between autism and childhood vaccines](#). You'll note that many papers — including the #1 most cited paper — received more citations after they were retracted, which [research has shown is an ongoing problem](#). As always, we will update the list as more information comes to light.

大阪大学 (医)

| Article | Year of retraction | Cites before retraction | Cites after retraction | Total cites from journals indexed by Web of Science |
|---|--------------------|-------------------------|------------------------|---|
| 1. Visfatin: A protein secreted by visceral fat that mimics the effects of insulin . <i>SCIENCE</i> , JAN 21 2005 | | | | |
| <i>Fukuhara A, Matsuda M, Nishizawa M, Segawa K, Tanaka M, Kishimoto K, Matsuki Y, Murakami M, Ichisaka T, Murakami H, Watanabe E, Takagi T, Akiyoshi M, Ohtsubo T, Kihara S, Yamashita S, Makishima M, Funahashi T, Yamanaka S, Hiramatsu R, Matsuzawa Y, Shimomura I.</i> | 2007 | 234 | 868 | 1102 |
| 2. Ileal-lymphoid-nodular hyperplasia, non-specific colitis, and pervasive developmental disorder in children . <i>LANCET</i> , FEB 28 1998 | | | | |
| <i>Wakefield AJ, Murch SH, Anthony A, Linnell J, Casson DM, Malik M, Berelowitz M, Dhillon AP, Thomson MA, Harvey P, Valentine A, Davies SE, Walker-Smith JA.</i> | 2010 | 670 | 382 | 1052 |
| 7. Combination treatment of angiotensin-II receptor blocker and angiotensin-converting-enzyme inhibitor in non-diabetic renal disease (COOPERATE): a randomised controlled trial . <i>LANCET</i> , JAN 11 2003 | 2009 | 563 | 106 | 669 |
| <i>Nakao N, Yoshimura A, Morita H, Takada M, Kayano T, Ideura T.</i> | | | | |

論文撤回後にも引用

研究活動の不正防止等に関する研修

10

研究者(Serkan Anilir)の研究不正行為

- 大学院入学前経歴(1973-)の誇称・詐称 [1999]
 - 外国における学歴・職歴の詐称
- 学位取得 [2003] (工学系研究科建築学専攻)
- 博士論文のFFP不正 (約40%が盗用)
 - 捏造 (Fabrication)
 - 改ざん (Falsification)
 - 盗用 (剽窃) (Plagiarism)
- 助手 (助教) 就任[2005]・非常勤講師等
 - 経歴詐称
- 科研費取得 [2006]
 - 研究費の不適切使用
- 学位授与取消 [2010/03/02]
 - 学位審査主査の懲戒処分
 - 学位審査体制の見直し
- 懲戒解雇相当処分 [2010/03/31]
 - 処分前に退職

あらゆる論文不正
の手法が・・・

教員採用の人事の問題

研究費執行上の問題

研究者による経歴・業績の誇称・虚偽記載

- 非公認大学(Degree Mill)の“学位”
 - 2007年文科省による調査「真正な学位と紛らわしい呼称等についての大学における状況に係る実態調査」
 - 「認定リストに掲載のない機関が供与した呼称」が採用・昇進の重要な判断となった事例：国立1、私立3の4名
 - 大学案内の教員紹介に二セ学位の表示：
 - 国立10、公立4、私立28、私立短大4の46校48名
- 業績誇称
 - 論文発表の水増し
 - サラミ出版(Salami Publication)
 - ギフトオーサーシップ(Gift Authorship)
 - 組織の長の「研究業績」誇大表示
 - “… having been publishing more than 1,000 scientific papers and books.” → “… having been publishing more than 1,000 scientific works, including about 100 refereed papers, 540 other papers, 35 books and 330 presentation materials”

海外向けの自己紹介に
対する外部からの指摘
により表現を改訂

研究論文査読の陥穽

- ソーカル事件 (1995)
 - 「『知』の欺瞞—ポストモダン思想における科学の濫用」(翻訳版 岩波書店, 2000、岩波現代文庫, 2012)
- “自己査読”による不正。
 - 自らが査読して論文採録
 - Hyung-In Moon (2012) 35編の論文で不正
 - Peter Chen (2014) 60編の論文で不正
 - Retraction Watchでは5位43編の撤回
 - 共著者 Chiang Wei-Ling が教育大臣を辞職
- “論文生成器”による不正
 - SCIdgen- An Automatic CS Paper Generator (2002)
 - “Our aim here is to maximize amusement, rather than coherence”
 - 2005年の国際会議に2編を投稿。1編は“non-reviewed paper”として受理、もう1編は不受理。
 - Springer-IEEE 120編の会議論文を削除 (2014)
 - SCIdgenで生成された論文を検出する“SCIdgen Detector”による指摘。

SClgen

<https://pdos.csail.mit.edu/archive/scigen/>

SClgen - An Automatic CS Paper Generator

About Generate Examples Talks Code Donations Related People Blog

About

SClgen is a program that generates random Computer Science research papers, including graphs, figures, and citations. It uses a hand-written **context-free grammar** to form all elements of the papers. Our aim here is to maximize amusement, rather than coherence.

One useful purpose for such a program is to auto-generate submissions to conferences that you suspect might have very low submission standards. A prime example, which you may recognize from spam in your inbox, is SCI/IIIS and its dozens of co-located conferences (check out the very broad conference description on the [WMSCI 2005](#) website). There's also a list of [known bogus conferences](#). Using SClgen to generate submissions for conferences like this gives us pleasure to no end. In fact, one of our papers was accepted to SCI 2005! See [Examples](#) for more details.

We went to WMSCI 2005. Check out the [talks and video](#). You can find more details in our [blog](#).

Also, check out our 10th anniversary celebration project: [SCIpher](#)!

Generate a Random Paper

Want to generate a random CS paper of your own? Type in some optional author names below, and click "Generate".

Author 1: Masato Takeichi

Author 2:

Author 3:

Author 4:

Author 5:

Generate

リセット

SClgen currently supports Latin-1 characters, but not the full Unicode character set.

Examples

Here are two papers we submitted to [WMSCI 2005](#):

- **Router: A Methodology for the Typical Unification of Access Points and Redundancy** ([PS](#), [PDF](#))
Jeremy Stribling, Daniel Aguayo and Maxwell Krohn

This paper was accepted as a "non-reviewed" paper!

- [Acceptance e-mail](#)
- A strange [follow-up email](#), along with our [response](#)
- [Anthony Liekens](#) sent an [inquiry](#) to WMSCI about this situation, and received [this response](#), with an amazing letter ([PS](#), [PDF](#)) attached. (Also check out Jeff Erickson's [in-depth deconstruction](#) of this letter.)
- With the many generous [donations](#) we received, we [paid](#) one conference [registration](#) fee of \$390.
- Our registration fee was [refunded](#). See [above](#) for the next phase of our plan.

We received many [donations](#) to send us to the conference, so that we can give a randomly-generated talk.

On the Deployment of Hash Tables

Masato Takeichi

Abstract

Highly-available algorithms and the transistor have garnered improbable interest from both cryptographers and cyberneticists in the last several years. Here, we verify the emulation of the partition table, which embodies the important principles of robotics. We construct a "smart" tool for exploring cache coherence, which we call Well.

1 Introduction

Recent advances in replicated configurations and scalable epistemologies are based entirely on the assumption that I/O automata and superpages [21] are not in conflict with SMPs. The usual methods for the visualization of systems do not apply in this area. Given the current status of optimal models, statisticians daringly desire the construction of robots. Clearly, interactive models and the visualization of operating systems are usually at odds with the investigation of neural networks.

To our knowledge, our work in this work marks the first methodology harnessed specifically for the study of IPv6. Two properties make this solution optimal: our application emulates the exploration of e-business, and

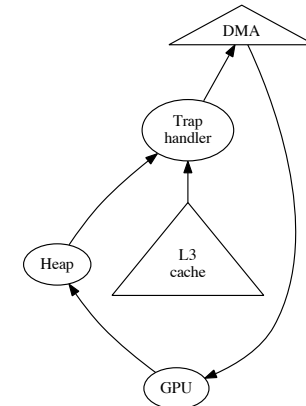


Figure 1: A diagram depicting the relationship between Well and DNS.

3 Well Synthesis

In this section, we describe a model for studying massive multiplayer online role-playing games. Any technical refinement of event-driven models provides a means for making contributions. Primarily, we construct an analysis of Markov models (Well), which we use to show that local-area networks and red-black trees are generally incompatible [14]. Next, we better understand how Markov models can be applied to the refinement of

1

ities 70 (Sept. 1993), 85–107.

[22] TAKEICHI, M. A synthesis of symmetric encryption. *Journal of Interposable, Compact Theory* 2 (Apr. 2005), 1–18.

[23] TARJAN, R. Contrasting object-oriented languages and Voice-over-IP. In *Proceedings of the Symposium on Symbiotic, Constant-Time Technology* (Mar. 2004).

SClgen Detection Site (Grenoble, 2014)

<http://scigendetection.imag.fr/main.php>



Current Awareness Portal
図書館に関する情報ポータル

論文を削除

カレントアウェアネス・ポータルは、図書館界、図書館情報に関する最新の情報をお知らせする、国立国会図書館の

ホーム

SpringerとIEEE、機械生成されたでたらめな論文120本以上をプラットフォームから削除

Posted 2014年2月25日

2014年2月24日付けのNature誌の記事で、SpringerとIEEEの商用プラットフォームに収録されている会議録論文の中に、機械生成されたでたらめな論文120本以上が含まれていたことが報じられています。現在はこれらの論文は削除されているとのことです。

これらの論文はコンピュータサイエンス分野の、文法等は正しいものの中身はでたらめな論文を作成するソフト、SClgenによって作成されたものでした。SClgenにより作られた論文を発見する技術を開発したフランスの研究者、Cyril Labbé氏の指摘により、今回の問題は発覚したとのことです。

Labbé氏はNatureの取材に答え、なぜSClgenで作成された論文が投稿されたのかはわからないとしています。SClgenによる論文が掲載されていたものの多くは中国で開催された会議の会議録で、著者の所属も中国の機関であるものが多かったとのことです。

なお、Labbé氏はある論文がSClgenで作成されたものかどうかをチェックできるツールも公開しています。


Publishers withdraw more than 120 gibberish papers (Nature News, 2014/2/24付け)
<http://www.nature.com/news/publishers-withdraw-more-than-120-gibberish-papers-1.14763>

SClgen detection website
<http://scigendetection.imag.fr/main.php>

参考：
「査読なんか怖くない？」 Science誌にオープンアクセス雑誌の査読に関する実験報告
Posted 2013年10月8日
<http://current.ndl.go.jp/node/24548>

わざと投稿された無意味な論文を受理してしまったOA誌の編集長辞任
Posted 2009年6月16日
<http://current.ndl.go.jp/node/13264>

カレントアウェアネス-R 学術情報流通
参照(6066) 印刷用ページ



Laboratoire d'Informatique de Grenoble
L I G

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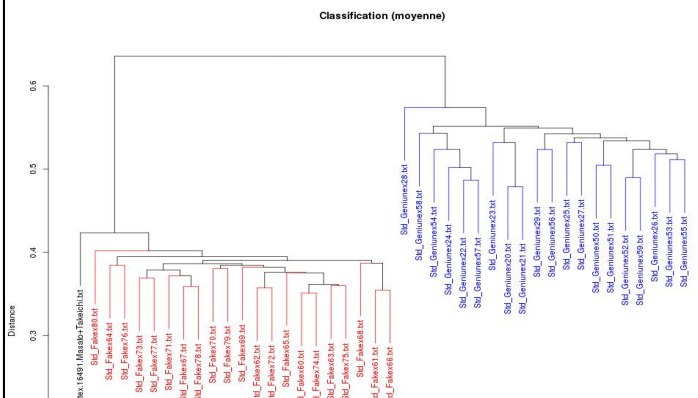
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