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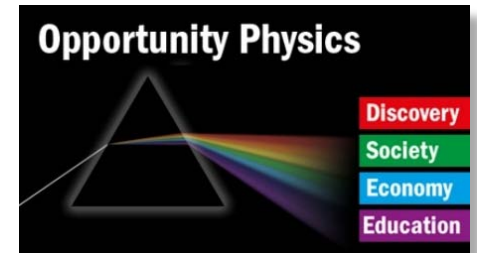
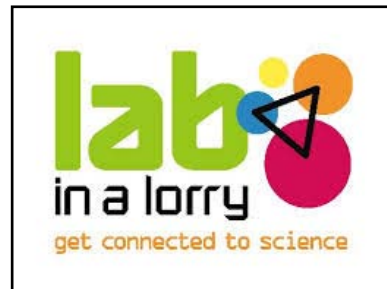
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- IOP 的高质量期刊
- IOP 获奖产品— IOP ebooks
- 如何向IOP投稿
- Questions and discussion

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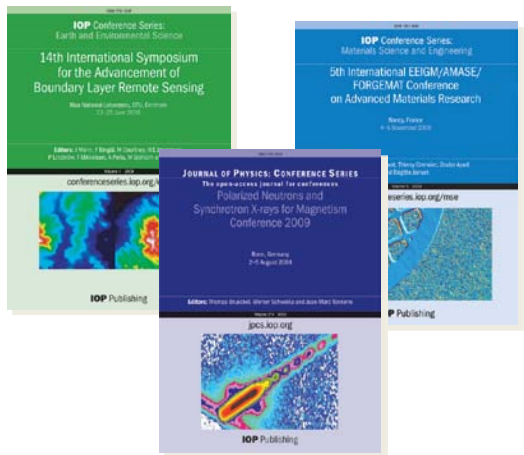
关于英国物理学会Institute of Physics

- 成立于1874年的学术协会
- 全球范围内现有超过50,000会员
- 其使命是推动物理学教育、研究和应用的发展
- 与政策制定者、学生、教育工作者和大众紧密联系
- www.iop.org



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- IOPP是IOP下属的非营利性学术出版和传播机构
- 总部设在英国布里斯托(Bristol), 并在费城、华盛顿、慕尼黑、北京和东京设有办公室
 - 全球共有360名员工
- IOPP是一个全球性机构, 仅有5%的期刊作者和收入来自英国
- 为其他学协会和研究机构提供出版服务, 这些机构包括: 中国物理学会、中科院、欧洲核子研究组织、美国天文学会、日本应用物理学会等
- 科技医学(STM)出版领域中, 中等规模的出版社
- 所有利润均被用于支持英国物理学会



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March 21, 1874.

I. *On the new Contact Theory of the Galvanic Cell.*

By J. A. FLEMING, B.Sc., F.C.S.

THE contest that has for so long been waged between the supporters of the two theories of the galvanic cell, the *contact* and the *chemical*, can hardly be said to have been brought even

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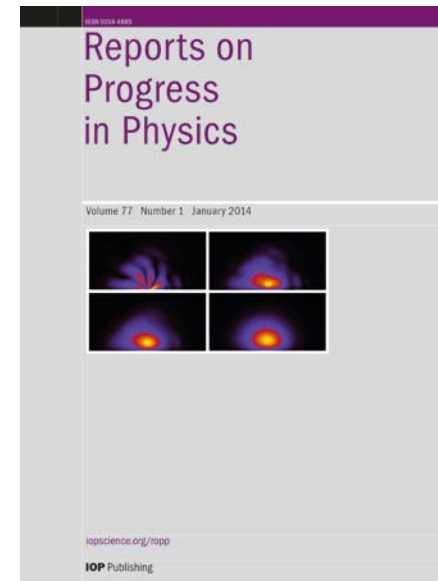


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- 62种期刊有影响因子 (82%)
- 33 种期刊的影响因子超过2.0
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Based on 2014 JCR report

部分影响因子较高的期刊

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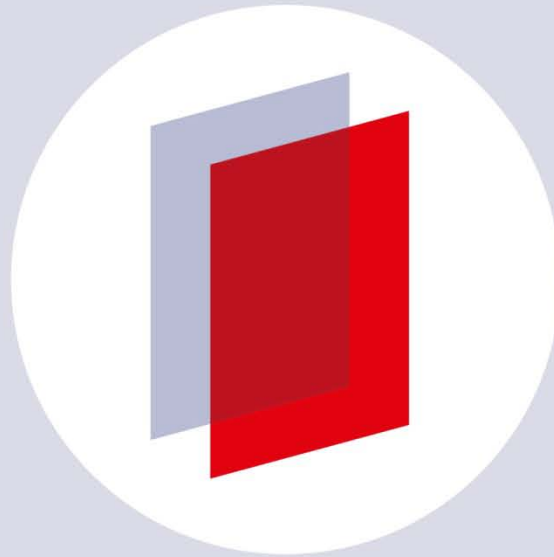
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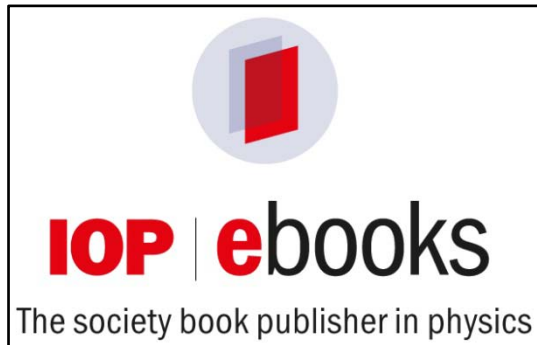
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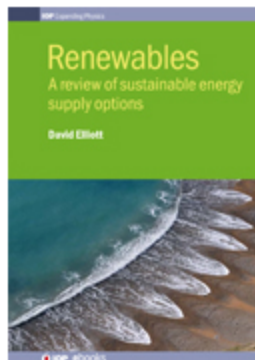
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Renewables

A review of sustainable energy supply options



Introduction

Authors: Elliott David

[Hide affiliations](#)

David Elliott is Emeritus Professor of Technology Policy at the Open University, where he has focused on renewable energy policy.



PDF



ePub

D Elliott 2013 *Renewables* chapter 1. doi:10.1088/978-0-750-31040-6ch1

Published September 2013.

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[1.2 Which sources are emerging?](#)

[1.3 What are the problems?](#)

[1.4 The structure of this book](#)

Abstract

Renewable energy is a rapidly expanding field, based on the development of a range of new technologies and energy sources, the use of which could be part of the answer to climate change and energy security concerns. This book reviews the basic technological options and what is happening around the world, so as to convey the sense of excitement that abounds in this new area of technological development. But it also looks at the problems, including local environmental impacts and the need to deal with the variability of some renewable energy sources. This introduction sets the scene by briefly describing the key options and state of play, as well as some of the problems, and also provides a guide to energy units and issues.

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Renewable energy: an overview of the issues and options

Renewable sources of energy, sometimes simply called 'renewables', are increasingly being used to meet our needs. This book attempts to review the state of play and explain how and why this expansion can and should continue, and indeed accelerate.

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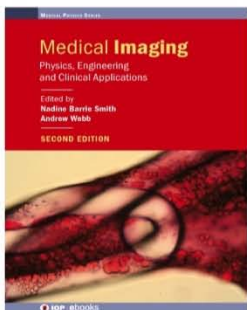
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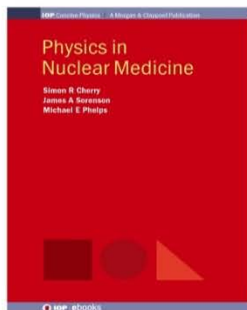
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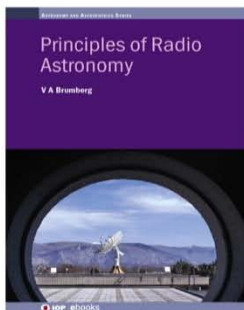


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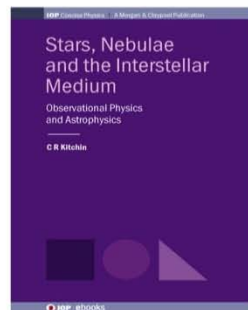


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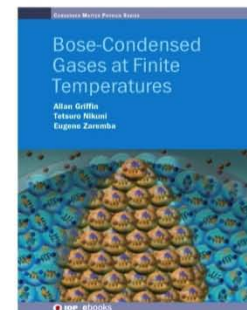


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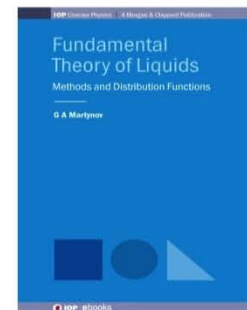


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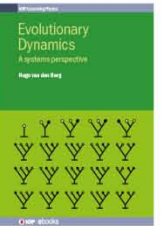
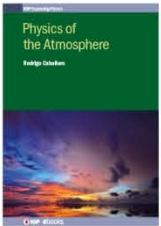
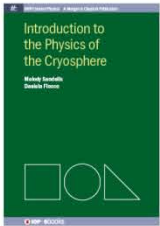
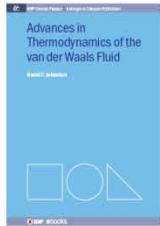
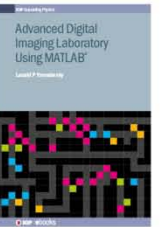
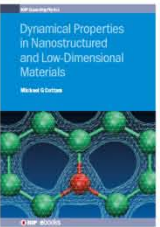
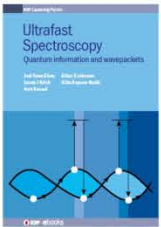
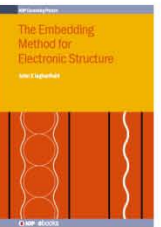
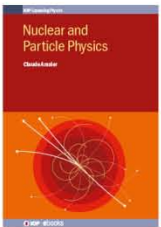
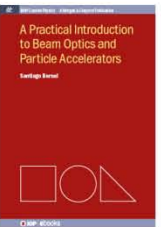
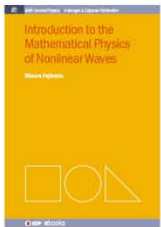
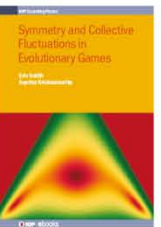
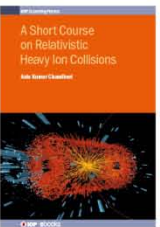
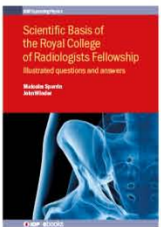
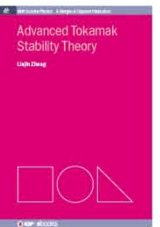
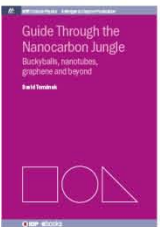
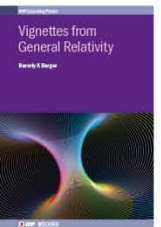
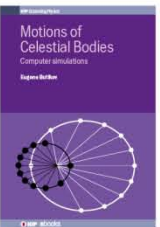
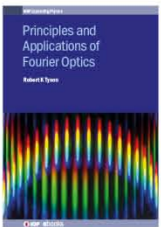
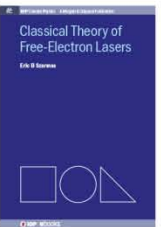
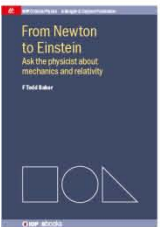
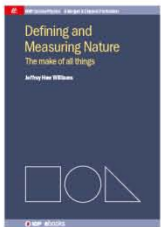
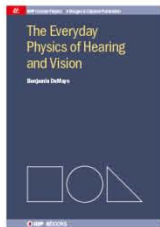
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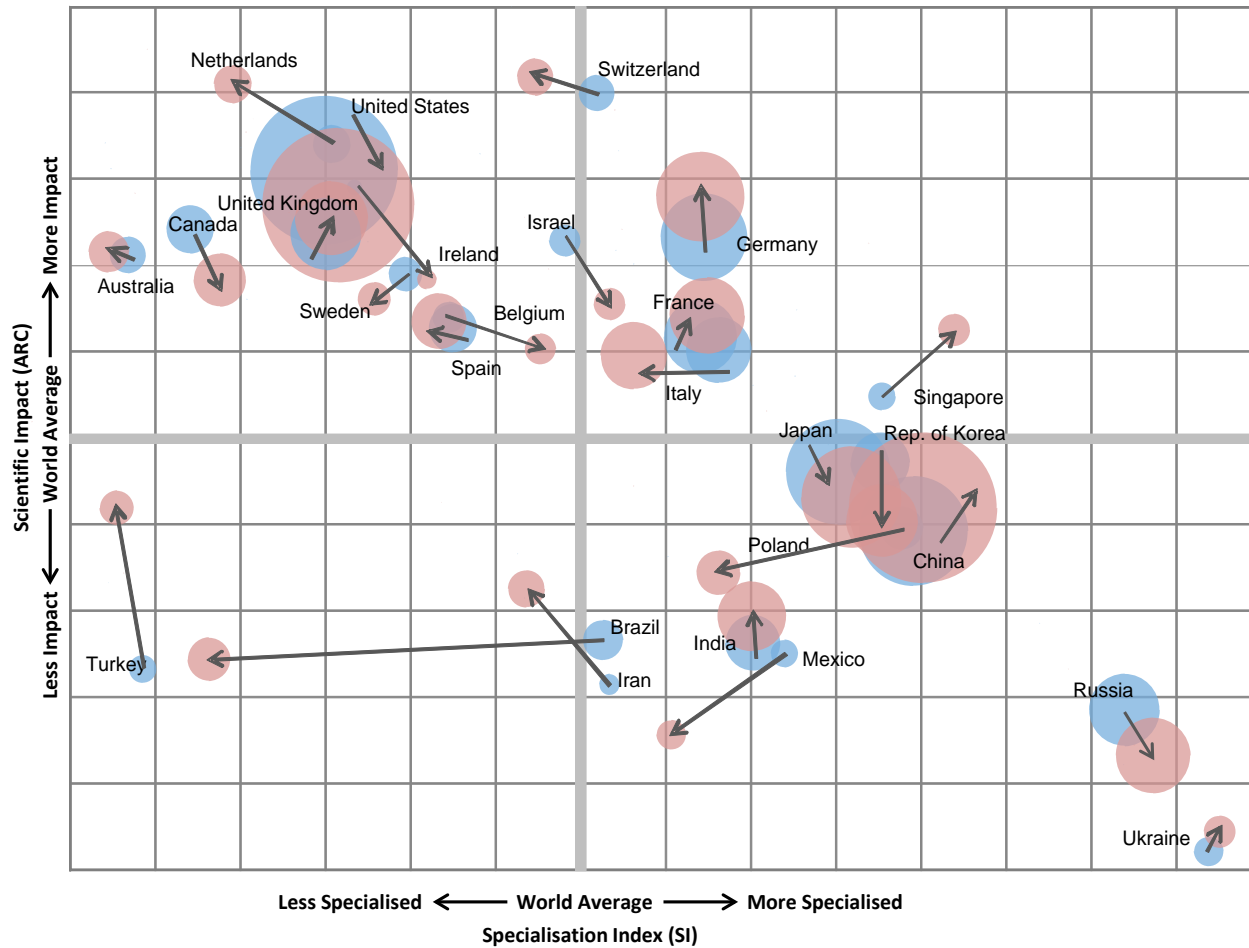
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国家	2002年论文数量	2011年论文数量	平均年增长率	2002年世界论文数量份额	2011年世界论文数量份额	平均年增长率
China	12,020	37,056	12.5%	8.6%	18.7%	8.6%
USA	28,972	34,746	2.0%	20.8%	17.5%	-1.9%
Japan	15,483	13,850	-1.2%	11.1%	7.0%	-5.2%
Germany	10,864	12,249	1.3%	7.8%	6.2%	-2.6%
France	7,582	8,546	1.3%	5.4%	4.3%	-2.6%
Russia	7,902	8,487	0.8%	5.7%	4.3%	-3.1%
Rep of Korea	4,069	8,487	8.2%	2.9%	4.3%	4.2%
UK	7,091	7,888	1.2%	5.1%	4.0%	-2.8%
India	3,628	7,741	8.4%	2.6%	3.9%	4.5%
Italy	5,729	6,289	1.0%	4.1%	3.2%	-2.9%

物理研究影响的国际对比



什么决定论文的质量？

- **Original work, novel and significant**
- **Interest to the community**
- **Have sound motivation and purpose**
- **Not previously published**
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- **Scientific quality not quantity of papers**
- **Ethical code:**
 - Research results – true, properly recorded
 - Authorship practices – who can be your co-authors



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の訴えも



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写论文时的一些小技巧

- Focus on new and important research results
- Make sure the language is clear and precise, especially your conclusions
- Ensure that figures and tables are clear
- Ensure that the paper is of the right length
- The most important things to consider when writing a research paper:

Do you have original results to report to your peers?

What should the format of the article be? Do you have all of the references?

Which journal do you want to publish in and do you understand their submission procedures?

Do you understand the process and requirements?

需要避免

- **Presenting new but trivial or obvious results**
- **Making unsubstantiated conclusions**
- **Burying new results beneath too much scene-setting**
- **Recapping of findings already published**
- **Presenting incremental research**
 - Being long winded – keep short
 - ‘Flowery’ language
 - Abbreviations and jargon
 - Speculation or anecdotes – keep to the facts
 - makes wild, unjustified claims
 - Poor or incomplete references
 - Poor quality figures
 - Incomplete data
 - Don’t cover up or ‘fudge’ the data

一些建议

- **Allow time for rewriting**
- **Ask a colleague to read and comment on an early draft**
- **Check the structure of the paper:**
 - Title – proper and complete
 - Abstract – more details, key words
 - Introduction – history, why, what you have done
 - Method – details and standard
 - Results and Discussion – fact and more
 - Conclusion – what you have achieved
 - References – objective and up-to-date

选择合适的期刊



选择IOP期刊投稿的原因

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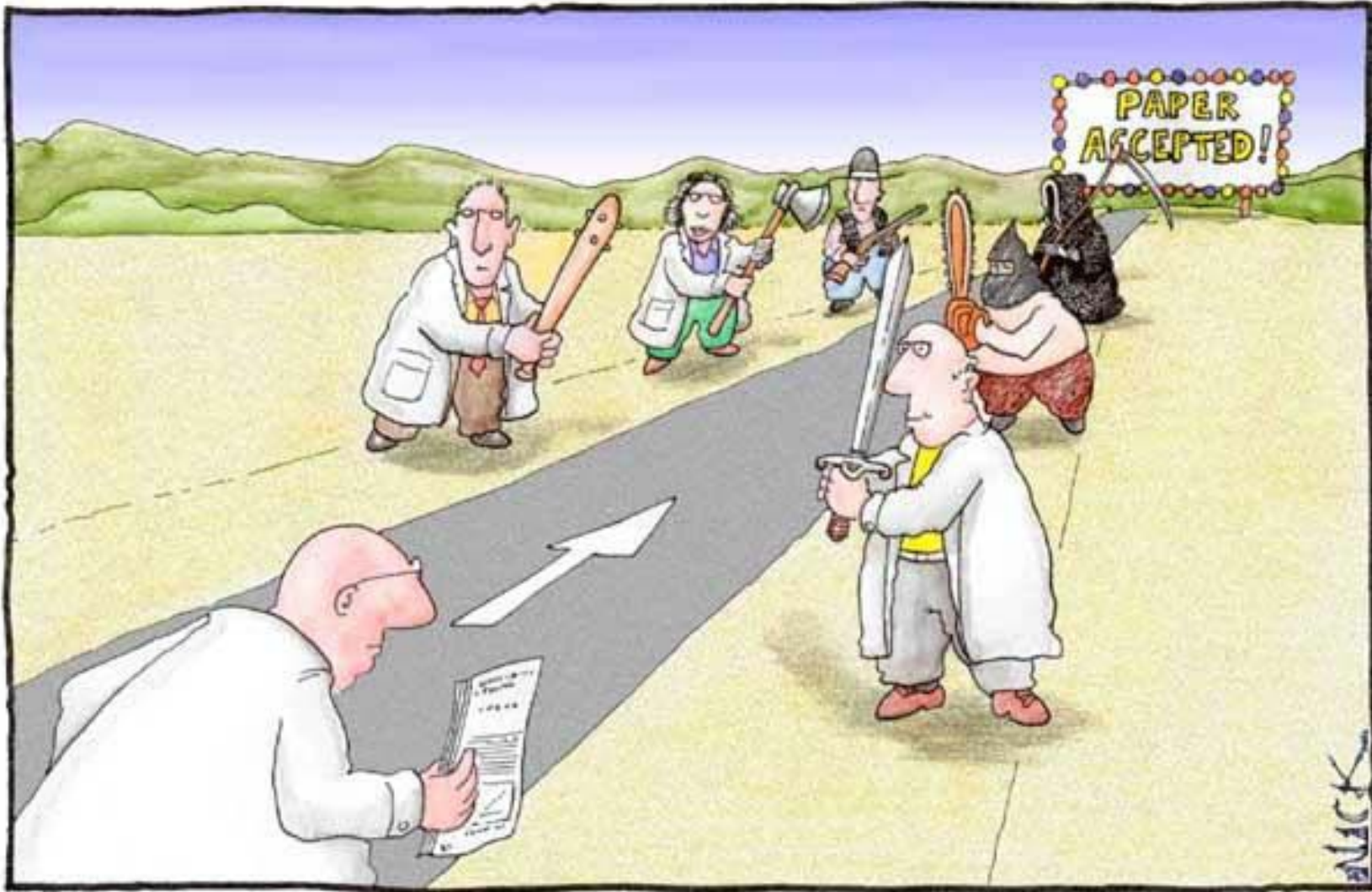
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- 注意：
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- 3、编辑通讯邮件发给指定的通讯作者和主要邮件接收作者，如果你不是并且未得到任何回音，请首先跟通讯作者查询。
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STRANGE MATTER
by nick d. kim strange-matter.com



Most scientists regarded the new streamlined peer-review process as 'quite an improvement.'

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- Referees provide constructive criticism and feedback on your paper
- A 'filter' for scientific quality control
- Publishing a paper in a peer-reviewed journal gives more credibility to your work than if you post it on your own web site
- Peer review is an essential part of publishing in a journal or obtaining a grant

审稿人的评价：科学方面

- **Scientific merit: significant new results and originality**
- **Accurate and correct**
- **Sufficient discussion of the context of the work, and suitable referencing**
- **Suitable material for the Journal**

审稿人的评价：论文呈现方面

- **Title: is it adequate/appropriate?**
- **Abstract: is it complete by itself and suitable for direct inclusion in an abstracting service?**
- **Diagrams, tables, and captions: are they clear and essential?**
- **Text and mathematics: are they brief but still clear?**
- **Conclusion: does it summarise what has been learned and why it is interesting and useful?**
- **References: objective and up-to-date**
- **Clear writing and communication of ideas, readability and discussion of concepts**

如何回复审稿人意见

- Read referees' report and put away for a day!
- Read them again!
- Respond to each and every comment specifically
- Keep a list of your changes
- Where you disagree, explain why
- If referee misses a point it is not necessarily his/her fault
- Be polite!
- Prepare a detailed covering letter with your response

如果您的论文被拒稿

- **Do not despair: treat referees' comments as a free expert advice**
- **You may be able to re-write your article taking into account the suggestions of the referees and re-submit it**
- **Note: If you re-submit the paper to any IOP journal, you need to add enough significant new results in it**
- **If you think the review was unfair, appeal to the journal by sending a letter and explaining why you think**

如果您的论文被成功接收

- Great - celebrate!
- The journal will expect you to check your proofs rapidly
- Nominate another person if you are unavailable
- Give one copy of proofs to somebody else to read
- Reply to editor's queries

英国物理学会北京办公室

- 2000年7月7日在北京正式成立， IOP Beijing Office
 - 联络和促进中英两国在物理学方面的友好合作， 中国著名的大学和研究机构， 中国科技部、中国科协、国家自然科学基金委、中国物理学会， 等
 - 为中国物理学家向IOP期刊发表论文、作为审稿人或编委提供服务
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 - 希望大家能够从中受益
-
- **Contact us:** 英国物理学会北京代表处
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 - （中国科学院物理研究所内）
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 - Mobile: 13911326927**
 - E-mail: mingfang.lu@iop.org, iopchina@aphy.iphy.ac.cn**
 - http://china.iop.org**

为8种期刊提供预审和免费英文修改，方便中国作者投稿

- 1. Journal of Optics (JOpt, **2.010**)
- 2. Journal of Physics B: Atomic, Molecular & Optical Physics (JPB, **1.916**)
- 3. Journal of Physics D: Applied Physics (JPD, **2.521**)
- 4. Journal of Physics: Condensed Matter (JPCM, **2.223**)
- 5. Journal of Physics G: Nuclear and Particle Physics (JPG, **2.838**)
- 6. Nanotechnology (NANO, **3.672**)
- 7. Semiconductor Science and Technology (SST, **2.206**)
- 8. Superconductor Science and Technology (SUST, **2.796**)

- **All cited by SCI**

几点建议

- 做好研究工作是写好论文的基础
- 利用互联网和电子期刊全面检索本领域的研究进展
- 提早全面准备写论文，不要等到最后
- 采用标准格式建立参考文献的电子数据库如Excel文件方式，方便以后检索和引用
- 在研究过程中尽可能采用标准方式记录研究数据，争取形成数据—图表—引用的自动数据链
- 提早训练写作英语（或其他外语）科技论文，检索一些本领域的范文论文，反复熟记其语言写作特点和语言用法，克服写作自己论文时的语言障碍，**但切记不可照搬！**
- 多与老师、同学或同事讨论，认真思考不同的观点
- 写好第一篇外语论文，不要急于投稿

Questions and discussion

