



ELSEVIER

临床科研论文发表流程 解读

Elsevier临床科研

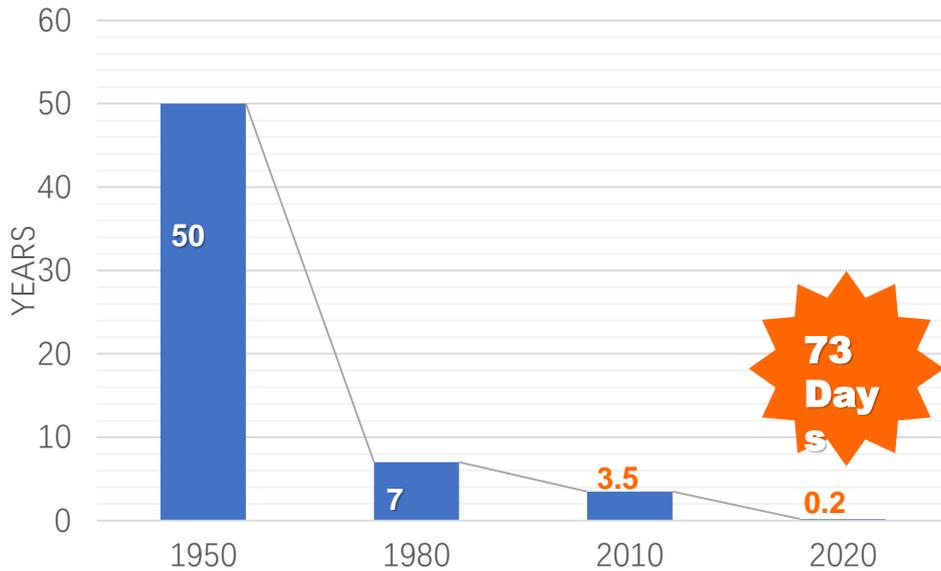
阎林胤 博士

协和医院

20191031



THE DOUBLING TIME OF ALL MEDICAL INFORMATION



data charted from: Densen P. Challenges and Opportunities Facing Medical Education.

Trans Am Clin Climatol Assoc 2011;122:48–58



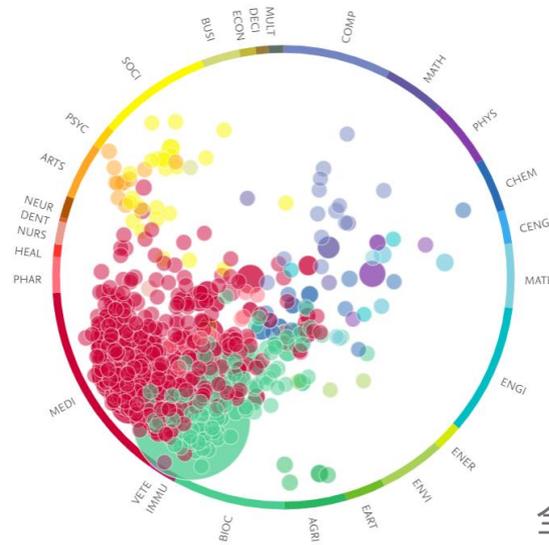
**INFORMATION
OVERLOAD**



**CHANGES IN
RESEARCH
PATTERNS**



**LAG BETWEEN
RESEARCH
AND PRACTICE**



全球癌症相关研究的学科分布

主要内容



1. 期刊选择

1.1 期刊选择工具

1.2 选刊时主要考察哪些内容

1.3 期刊的哪些指标最重要

投稿前的问题解决清单

期刊选择:

- 该期刊与我的研究匹配吗?
 - 我的研究内容与期刊范围匹配吗?
 - 该期刊发表的文章形式与我的研究类型匹配吗?
 - 接收的几率合理吗?
- 我期望的读者群是否容易发现该刊?
 - 被高水平的数据库收录吗?
- 该刊质量如何?
- 是否值得信任?
 - 同行评议
 - 邀请投稿

选刊完成后的工作:

- 进一步优化文章Introduction和Abstract, 使匹配程度更高
- 改进文章形式, 尽量与该刊近期发表的文章一致



Choose the right journal for your research

进一步参考网站:
<http://thinkchecksubmit.org>



31.10.2019

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1.1 期刊选择工具

自动匹配题目和摘要的工具

- JournalGuide: <https://www.journalguide.com/>
- Directory of Open Access Journals (DOAJ) : <https://doja.org/>
- Journal/Author Name Estimator: <http://jane.biosemantics.org/>
- **Publisher Tools: Elsevier Journal Finder**: <https://journalfinder.elsevier.com/>



Elsevier Journal Finder:

<https://journalfinder.elsevier.com/>

匹配程度 影响因子 审稿速度 接收概率 出版速度

Journal title	Match	Impact	CiteScore	Review speed	Acceptance	Production speed	Open access	Embargo period	OA Fee + License	Submit paper
Spectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy	2.88	2.84	5 weeks	29 %	0 weeks	Optional	24 Months	\$ 3,050	More info	Submit paper
Journal of Photochemistry and Photobiology A: Chemistry	2.891	2.76	5 weeks	43 %	1 weeks	Optional	24 Months	\$ 2,600	More info	Submit paper
Sensors and Actuators B: Chemical	5.667	5.67	8 weeks	35 %	1 weeks	Optional	24 Months	\$ 3,300	More info	Submit paper
Dyes and Pigments	3.767	3.59	3 weeks	36 %	1 weeks	Optional	24 Months	\$ 3,300	More info	Submit paper
Coordination Chemistry Reviews	14.459	12.65	4 weeks	69 %	2 weeks	Optional	24 Months	\$ 3,200	More info	Submit paper
Journal of Fluorine Chemistry	1.879	1.93	4 weeks	41 %	1 weeks	Optional	24 Months	\$ 2,600	More info	Submit paper
Journal of Organometallic Chemistry	1.946	1.92	4 weeks	49 %	1 weeks	Optional	24 Months	\$ 2,750	More info	Submit paper
Tetrahedron	2.377	2.33	4 weeks	43 %	1 weeks	Optional	24 Months	\$ 2,450	More info	Submit paper
Tetrahedron Letters										

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Find the perfect journal for your article

Elsevier® Journal Finder helps you find journals that could be best suited for publishing your scientific article. Please also consult the journal's Aims and Scope for further guidance. Ultimately, the Editor will decide on how well your article matches the journal. Powered by the Elsevier Fingerprint Engine™, Elsevier Journal Finder uses smart search technology and field-of-research specific vocabularies to match your article to Elsevier journals.

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Paper title

Paper abstract

Fields of research
Optional: refine your search by selecting up to three research fields

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- Humanities and Arts
- Life and Health Sciences
- Mathematics
- Physics
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- Chemistry

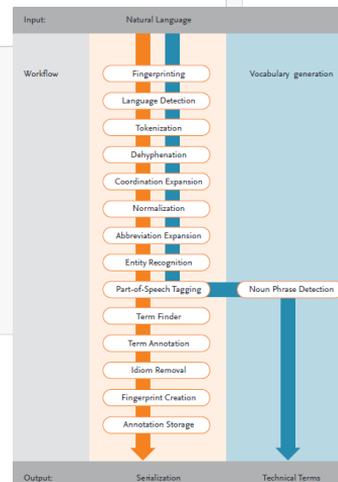
Filter

Limit to journals with Open access options

FIND JOURNAL

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Elsevier Fingerprint Engine



1.2 选刊时主要考察哪些内容

研究内容与期刊范围匹配程度的检查需非常细致，匹配不当将浪费文章的投稿时间。需要考虑的基本清单如下：

- 研究**主题**匹配吗？
- 什么**程度的创新**是该刊提倡的？
- 该刊针对读者为**大众还是小众**？
- 是否欢迎**交叉学科**的文章？
- 该刊**重点**发表基础研究还是临床研究？



Example

The screenshot shows the homepage of the Journal of Critical Care. At the top left is the Elsevier logo. At the top right are search and menu icons. The main title is "Journal of Critical Care" with the subtitle "Improving Patient Care by Integrating Critical Care Systems Knowledge into Practice Behavior". Below this is the Editor-in-Chief's name, Jan Bakker, and a link to view the editorial board. A blue callout bubble labeled "Aim and Scope" points to the journal's description. On the left, a vertical menu contains links for "Submit Your Paper", "Supports Open Access", "View Articles", "Guide for Authors", "Track Your Paper", "Order Journal", and "Sample Issue". A blue arrow labeled "进一步信息" (Further Information) points to the "View Articles" link. Below the menu is the "Journal Metrics" section, showing a CiteScore of 2.42 and an Impact Factor of 2.872. The main content area features a "Read more" link and a list of articles, including "Crystalloids vs. colloids for fluid resuscitation in the Intensive Care Unit: A systematic review and meta-analysis" and "Clinical management of pressure control ventilation: An algorithmic method of patient ventilatory management to address 'forgotten but important variables'". A vertical "Feedback" button is located on the right side of the page.

1.2 选刊时主要考察哪些内容

- 是否被专业权威的数据库收录
 - Web of Science
 - PubMed
 - **Embase**
 - Engineering Village (或EI)
 - **Scopus**



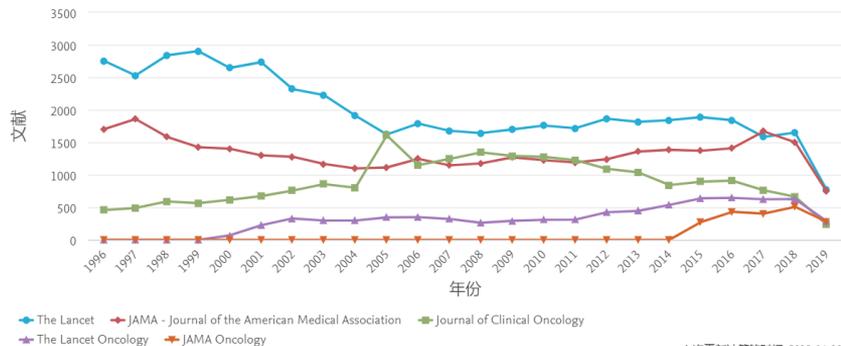
1.3 期刊的哪些指标最重要

- **Impact Factor:** IF评价期刊影响力的定量指标，比如某期刊2018年的影响因子，是该刊2016和2017年发表文章在2018年被引用的总次数除以这两年发表文章的数量。
5-Year Impact Factor: 某期刊在2013-2017年发表文章在2018年被引用总数，除以该期刊这**五年**的发表文章数。
- **CiteScore:** 评估每本期刊发表文章的平均被引用情况。CiteScore计算某一年的期刊被引用次数（如2015年），是以前**三年**（2012-2014）发表文章数的被引用次数，除以前三年（2012 – 2014）该期刊发表文献篇幅数。
- **Source Normalized Impact per Paper (SNIP):** 通过权重期刊被不同研究领域文献的引用数获得的“相关性”引用影响。
- **SCImago Journal Rank (SJR):** SJR的诞生基于“并非所有的引用都一样”原则。SJR使用 谷歌网页排名的计算方法，提供质性和量性的综合考量方式测量期刊的影响力。

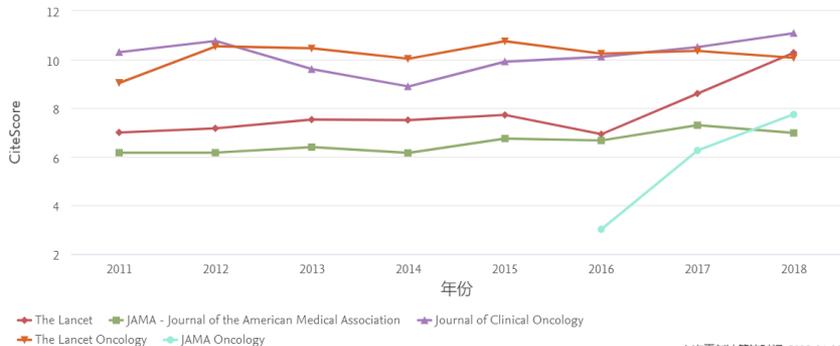


Scopus平台上可以评估的多个指标

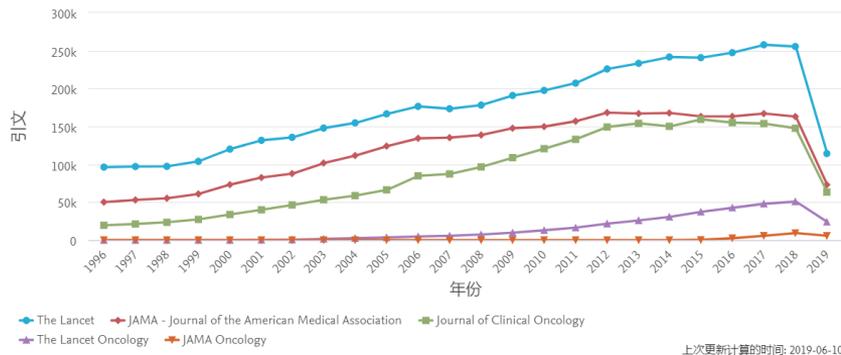
各年份的来源出版物中文献数量



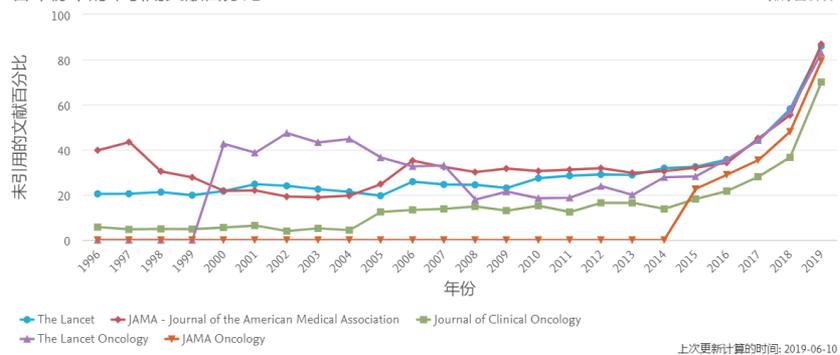
各年份中的 CiteScore 出版物



各年份的来源出版物引用次数



各年份中的未引用文献百分比



2. 临床科研论文投稿流程

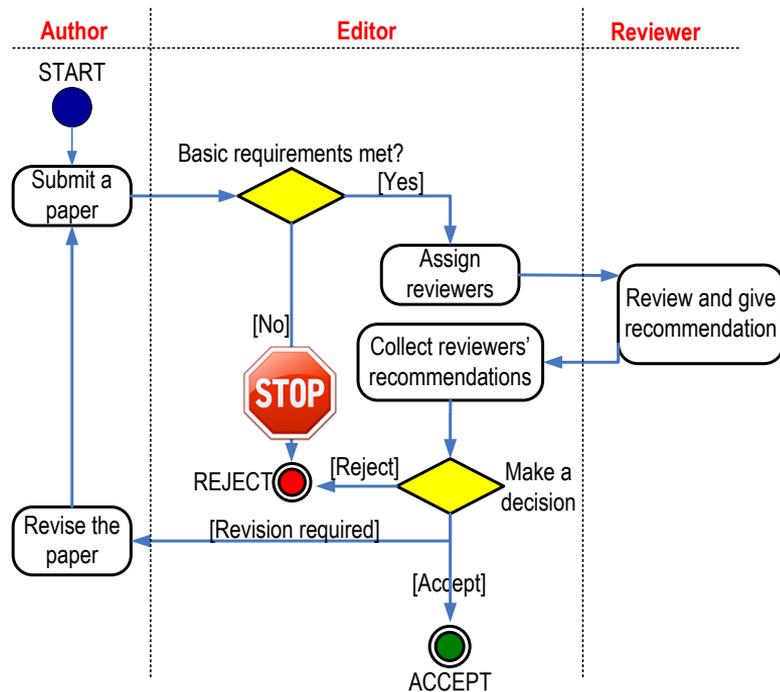
2.1 临床科研论文投稿流程

2.2 书面交流注意事项

2.3 Cover Letter写作注意事项

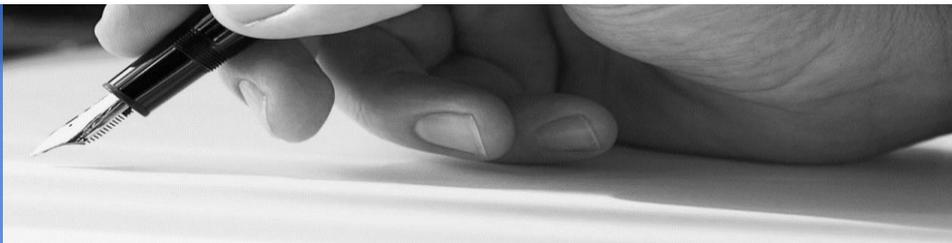
2.4 审稿人选择

2.1 临床科研论文投稿流程



2.2 书面交流注意事项

提交新稿: Cover letter
提交修改稿: Rebuttal Letter
被拒后: Appeal Letter
提醒: Reminder Letter



一稿多投

通信作者和第一作者

权威的审稿人

论文的新意

行文的逻辑性, 合理性

沟通过程保持积极, 编辑
和审稿人意见都要仔细
回答

不应隐瞒关键研究细节

保持邮箱畅通, 审稿过
程中只与通讯作者联系

2.3 Cover Letter写作注意事项

Cover Letter

- Read by editors
- A crucial part of the manuscript submission package.
- An opportunity to convey important information to the editors.
- Help the editors reach a quicker decision.
- Tip the balance for peer review.

Basic information:

- Editor Addressing
- Research originality & innovation
- Main conclusion
- Any supportable info to your submission
- Recommended reviewer
- Any conflict of interest in producing the research
- Details of any previous or concurrent submissions

Professor H. D. Schmidt
School of Science and Engineering
Northeast State University
College Park, MI 10000
USA

Example

所有作者的最终同意

Dear Professor Schmidt,

Enclosed with this letter you will find my electronic submission of a manuscript entitled "Mechano-sorptive creep under compressive loading – a micromechanical model" by John Smith and myself. This is an original paper which has neither previously nor simultaneously in whole or in part been submitted anywhere else. Both authors have read and approved the final version submitted.

Mechano-sorptive is sometimes denoted as accelerated creep. It has been experimentally observed that the creep of paper accelerates if it is subjected to a cyclic moisture content. This is of large practical importance for the paper industry. The present manuscript describes a micromechanical model on the fibre network level that is able to capture the experimentally observed behaviour. In particular, the difference between mechano-sorptive creep in tension and compression is analysed. John Smith is a PhD-student who within a year will present his doctoral thesis. The present paper will be a part of that thesis.

Three potential independent reviewers who have expertise in the area of this paper are:

Dr. Fernandez, Tennessee Tech, email1@university.com
Dr. Chen, University of Maine, email2@university.com
Dr. Singh, Colorado School of Mines, email3@university.com

I would very much appreciate if you would consider the manuscript for publication in the *International Journal of Science*.

Sincerely yours,

推荐审稿人

A. Professor



2.3 Cover Letter写作注意事项

DOs:

对研究设计和方法做一个简短的评价

- 诊断/治疗/病因与预后分析技术等
- 对于技术越先进的论文，这样的评论越重要。因为缺乏简明的评论，编辑们往往无法快速理解论文所涉及的技术突破。

把成果放在适当的学术位置

- 实事求是
- 说明论文中使用的方法能实现什么，不能实现什么。

彰显解决问题的各种方法之间的细微差别

- 病因分析/诊断/治疗/预后方案不用面面俱到，但是要突出差别
- 协助编辑快速定位成果的创新性
- 简单的技术改进有时候也是很高水平的创新，但是需要明示

推荐审稿人

- 权威
- 可靠

2.3 Cover Letter写作注意事项

每个学者的详细定量的指标都在Editor处可见

The image shows two screenshots of a researcher's profile page. The left screenshot is in Chinese and displays the profile for a researcher at Huazhong University of Science and Technology. It includes a bar and line chart showing publication and citation trends from 2008 to 2018. The right screenshot is in English and shows the 'Overall research performance' section, including metrics like Scholarly Output (88), Field-Weighted Citation Impact (0.91), and Citation Count (681). Below this is a table of 'Top 5 Topics, by Scholarly Output'.

Topic	By this Researcher		Worldwide
	Scholarly Output	Field-Weighted Citation Impact	Prominence percentile
Neoplasms; Extracellular Fluid; interstitial fluid ... T.12940	7	0.90	96.726
Thromboplastin; Neoplasms; TF expression ... T.4772	6	0.88	87.646
Blood-Brain Barrier; Nanoparticles; brain delivery ... T.8554	3	3.84	99.441
Protein C; Protein C Deficiency; PC deficiency ... T.9712	3	0.33	74.424
Disseminated Intravascular Coagulation; Hemostasis; soluble Fibrin ... T.18584	3	0.10	58.473



2.3 Cover Letter写作注意事项

DON'Ts

论文内容的缩略版重复。

- 重复标题
- 重复摘要

论文内容的大段重复。

- 一页一页地复述论文的内容，总结所有的结果。
- 通常情况下，过长的Cover Letter是不合适的，一页纸就足够了。

Cover Letter可读性太低。

- 使用专业术语和缩写降低了Cover Letter的可读性。
- 用一般的方式解释这一进展可以帮助编辑更快地做出决定。

过度宣传或过度解读。

- 特别是对该工作的影响或范围的明显夸大。

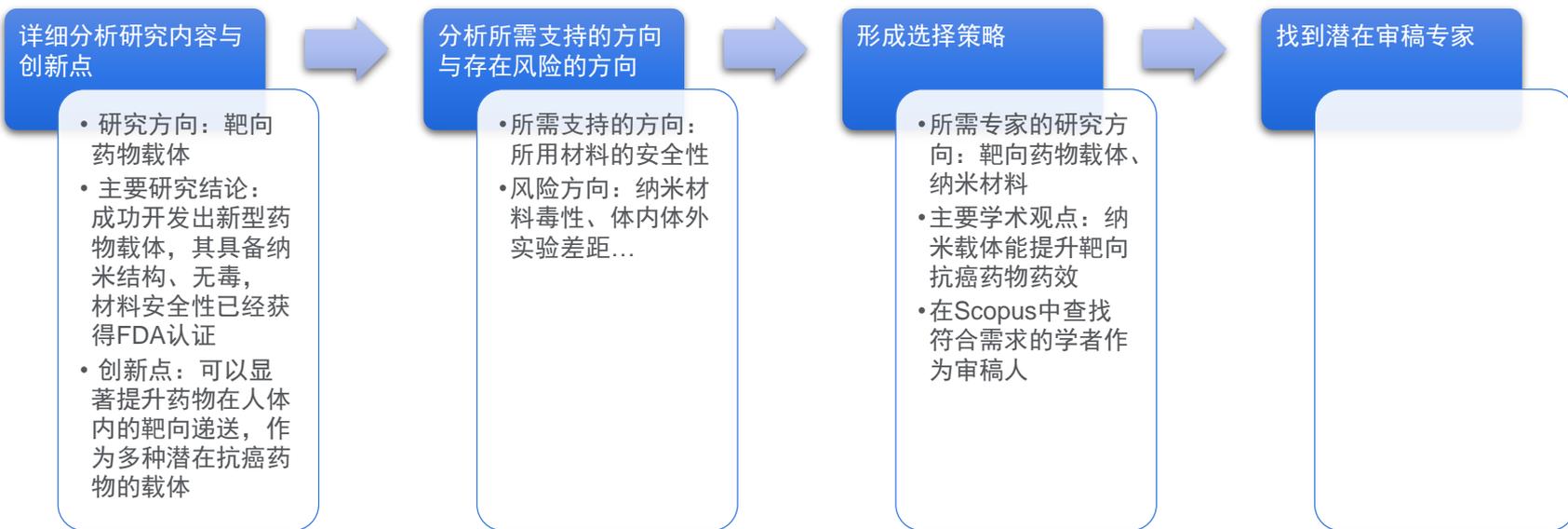
用非学术的方法影响编辑的决策

- 在Cover letter中透露/暗示你的科学声誉，或该领域其他人对成果的认可。

2.4 审稿人选择:寻找能最大程度帮你改进成果的人

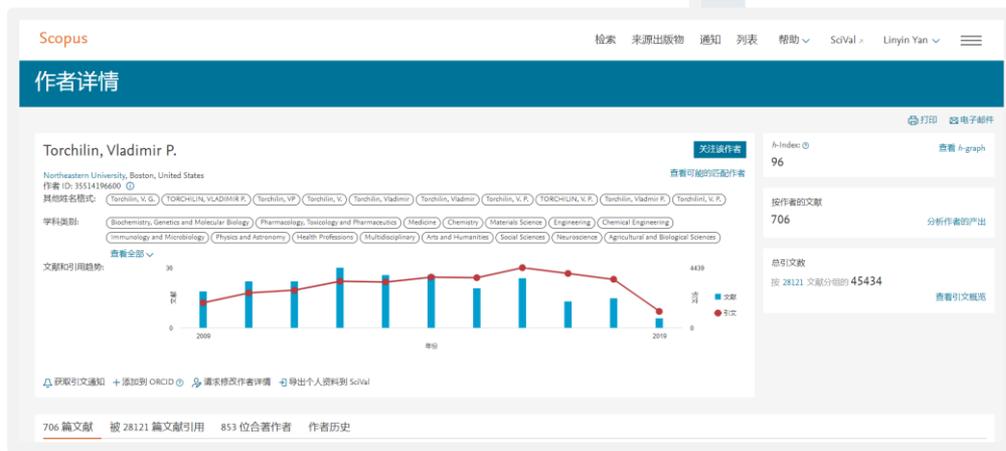
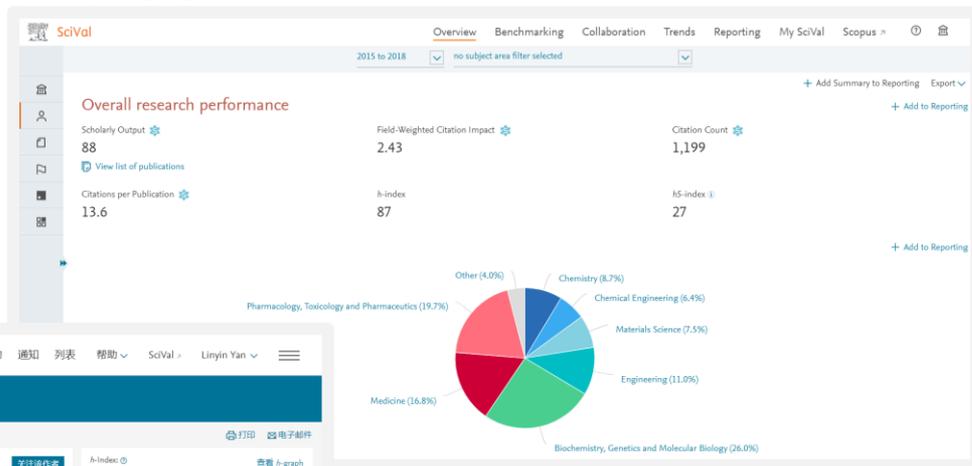


2.4 审稿人选择：Example



如何保证审稿人为权威学者

- H-index
- FWCI
- 发文数量
- 发文期刊质量
- 隶属机构



3. 投稿过程中的出版伦理

3.1 作者权益

3.2 学术定位

3.3 杜绝学术不端

3.4 撤稿≠拒稿

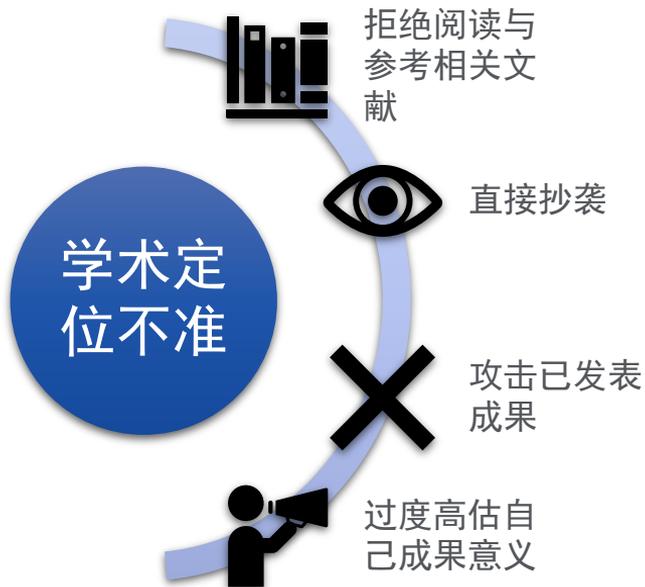
3.1 作者权益

出版商协议各不相同，一般都允许作者将文章用于以下**学术相关用途**

- **授课**：允许将文章副本用于教室授课
- **教育资料**：文章可纳入作者所在机构或公司的电子课程套件或公司培训课程
- **学术共享**：可在研究同事中共享文章副本
- **会议/大会**：可在会议上展示文章，也可向与会者发放文章副本
- **进一步研究**：文章可用于编辑，扩展至图书形式，或在论文或论述中使用
- **专利与商标权**：适用于所有已批露的发明或已确认的产品



3.2 学术定位



Q:当我们发现有一篇文献与我们研究高度相似的时候。我们要如何抉择？

A, 不引用这篇文献，装作没有看见过。
B, 详细分析我们的工作与文献中工作的差别，想办法突出创新性。

3.3 杜绝学术不端

- **编造**
 - 编造研究数据
- **篡改**
 - 操控现有研究数据
- **抄袭**
 - 将其他人的论文占为己有
 - 复制或改写他人论文的重要内容（未标明引用）
 - 声称其他人的研究成果为自己所有



The screenshot shows the iThenticate article interface. At the top, it displays '25-Sep-2013 07:02PM', '4851 words • 124 matches • 70 sources', and 'FAQ'. The main article title is 'Polystyrene-supported GaCl₃ as a highly efficient and recyclable heterogeneous Lewis acid catalyst for one-pot synthesis of N-substituted pyrroles'. The interface includes sections for 'ABSTRACT', 'Introduction', and 'Conclusions'. On the right, a 'Match Overview' table lists several matches with their respective word counts and percentages.

Match Number	Match Description	Percentage
1	CrossCheck 135 words Liang Wang "Polystyrene-supported AlCl ₃ : A highly active and reusable heterogeneous catalyst for the one-pot synthesis of N-substituted pyrroles"	3%
2	CrossCheck 131 words Chen, J. "An approach to the Paal-Knorr pyrroles synthesis catalyzed by Sc(OTf) ₃ under solvent-free conditions", Tetrahedron Lett.	3%
3	CrossCheck 113 words Borjesson, K.P. "Synthesis and application of polystyrene supported aluminum triflate as a new polymeric Lewis acid catalyst for the synthesis of N-substituted pyrroles"	2%
4	CrossCheck 91 words Liang Wang "Polymer-supported zinc chloride: a highly active and reusable heterogeneous catalyst for one-pot synthesis of N-substituted pyrroles"	2%
5	CrossCheck 78 words Ali Rahmatpour "An efficient, high yielding, and eco-friendly method for the synthesis of 14-aryl- or 14-alkyl-1,4H-dibenzopyrrolo[1,2-b]pyridines"	2%
6	CrossCheck 73 words Ran Rucheng "Polymer-Supported Lewis Acid Catalysts for the Synthesis of N-Substituted Pyrroles"	2%
7	CrossCheck 54 words Kannu, B. "Solid silica-based sulfonic acid as an efficient and recoverable interphase catalyst for selective tetrahydroindole synthesis"	1%

Compares full-text manuscripts against a database of 38+ million articles from 175,000+ journals, books from 500+ publishers, and 20+ billion webpages.



4. 促进科研产出的方法

- 4.1 明确规划科研项目
- 4.2 提升课题组曝光率
- 4.3 撰写高水平综述
- 4.4 参加学术会议
- 4.5 了解资金支持与社会的关注

4.1 明确规划科研项目

● 明确科研项目内容

- 清晰的科学问题
- 完善的临床设计
- 合理的统计方法
- 可能的突发情况及对策
- 预估可能出现的批评

● 符合公认伦理标准

- 实验对象（人、动物）
- 实验场地与环境

● 遵循政策或规定

- 官方保密条款与法规，比如
- 专利条款，比如

● 严密管控科研进程

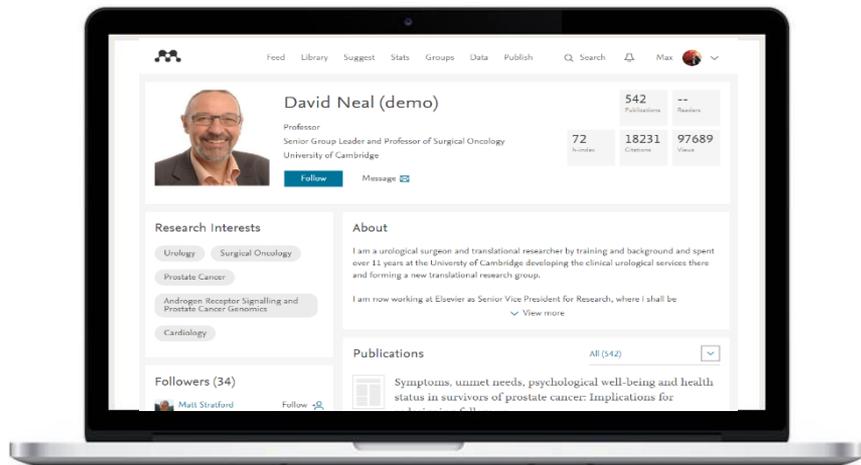
- 文献情报搜集、整理、分析
- 科研流程及数据的完整、真实记录
- 确保试验结果的可重复性



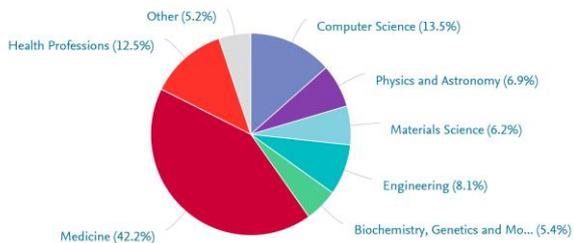
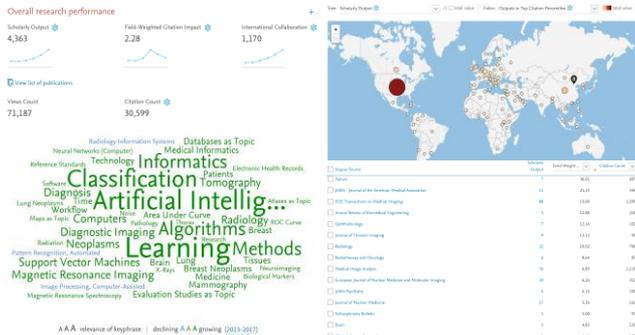
4.2 提升课题组曝光率

——向Editor与Reviewer展示自己团队的渠道

- A. 所在机构网站上展示课题组
- B. 申请独立域名，展示课题组
- C. 学术社交平台展示，如
Mendeley



4.3 写作，从综述开始



可信的高水平
参考文献

有价值的
综述文章

4.4 参加学术会议

有备而来 (1) 目标

要点：目标数量要少，内容要明确。

拓展学术关系网络

- 权威学者
- 合作者
- 青年才俊

...

提升学术认知

- 关键技术突破
- 迅速了解一个领域
- 听大师传道

...

宣传学术观点

- 临床新技术推广
- 新观念推广
- 展示科研实力

...

4.4 参加学术会议

有备而来 (2) 会前准备

要点：专业的与每一个关键人物交流，随时关注日程安排

End in Mind

Get clear on the End in Mind: At the end of the call, what do you want them to decide? *Should we be talking?*

站在对方的角度来思考

Questions

What questions do you want to ask?

What questions might they ask you?

How will you respond?

Yellow Lights

What are the possible doubts, concerns, or objections?

How will you respond?

提前准备好应对方案，
避免尴尬

Opening Statement

1. Introduction: What will you say in the first 15 seconds to create interest?

2. Value Based Conversation: What's your hypothesis for creating academic value?

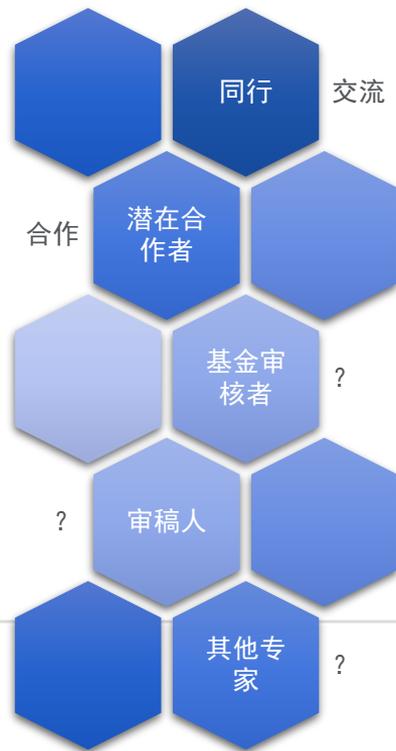


4.4 参加学术会议

有备而来 (3) 会中表现

要点： 把自己当成会议的主人会议计划会帮助你克服社交恐惧

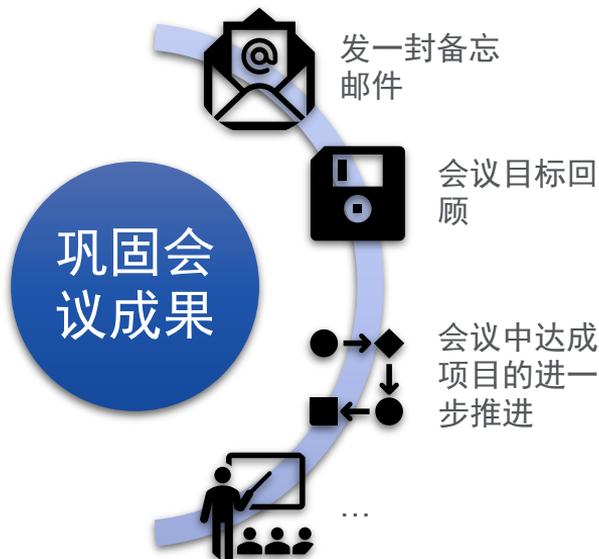
- 自信
- 对自己的工作了如指掌
- 有学者风范
 - 诚信
 - 专业
-
- **坚持己见**
- 找机会**询问现场专家**
- 不必要叙述的部分，果断不要提及
- 随机应变（如果预案做的好，会很容易）



4.4 参加学术会议

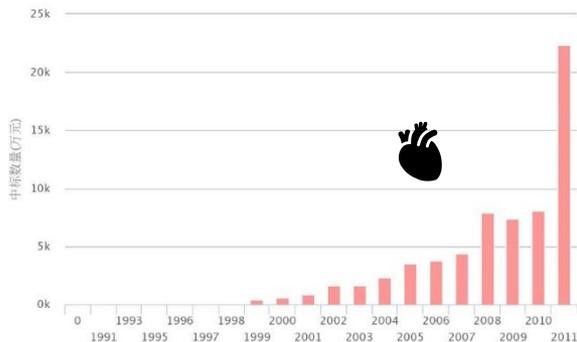
有备而来 (4) 后续工作

要点：会议的结束只是学术关系拓展的开始

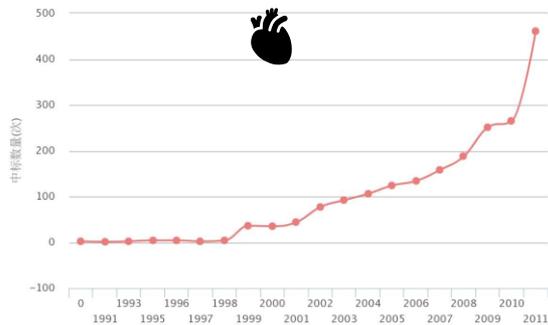


4.5 了解资金支持与社会的关注

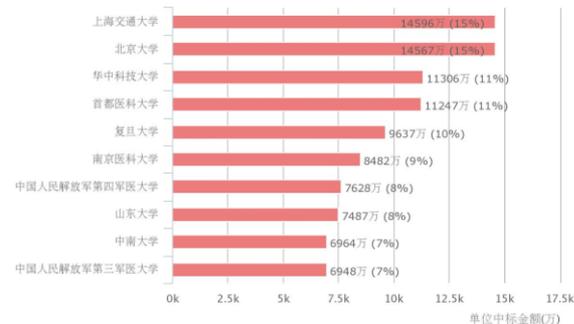
年度中标金额



年度中标量



单位中标金额 TOP10



提升科技论文产出途径小结



积极展示自己的科研经历



注意定量的科研指标



通过综述提高学术素养



积极参加国际学术交流



与顶尖科学家与科研团队建立联系



平时积累



Thank you

