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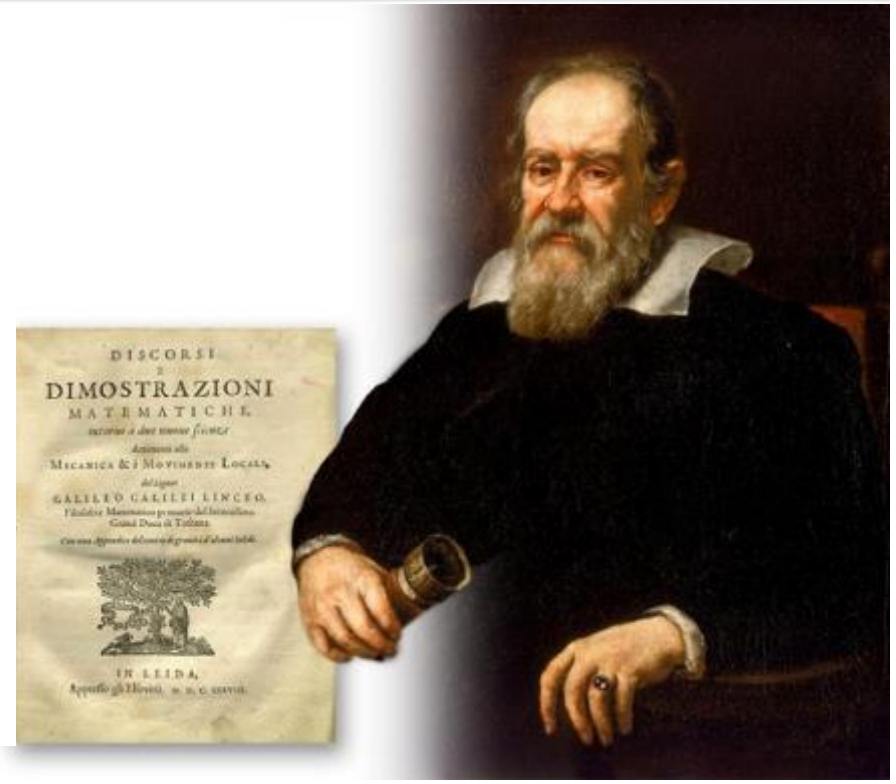
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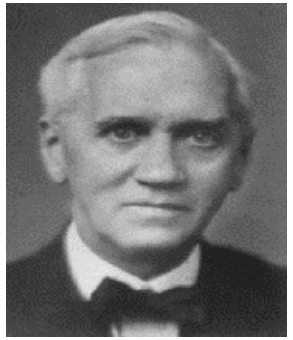
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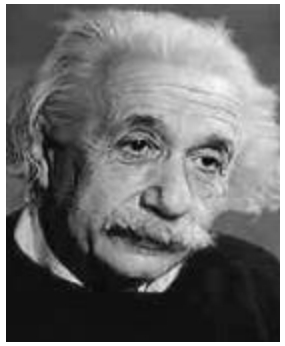
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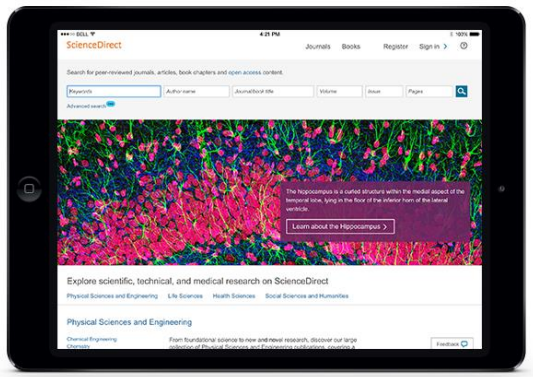
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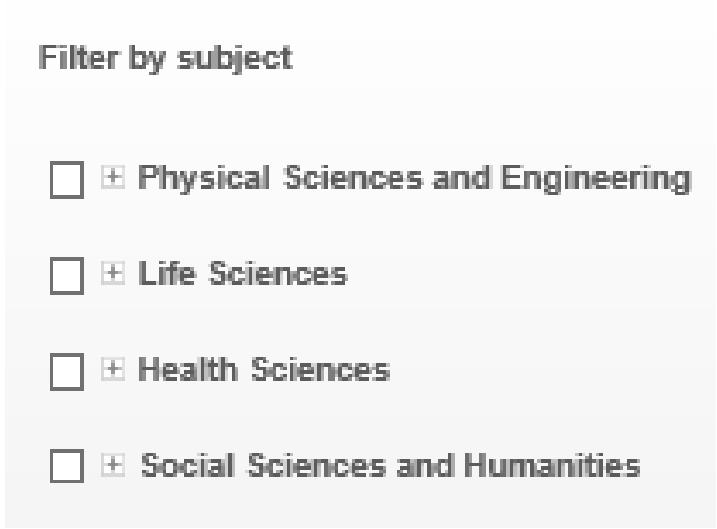
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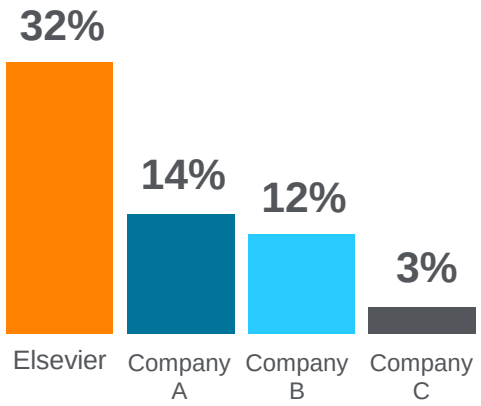
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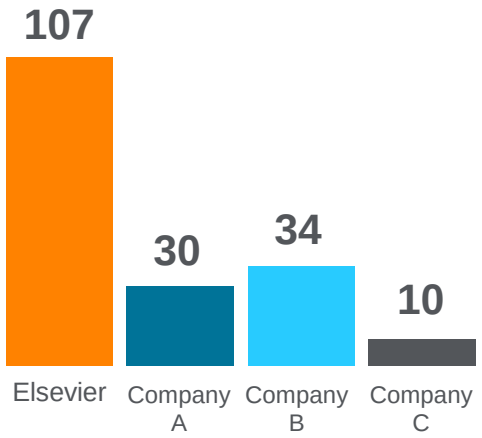
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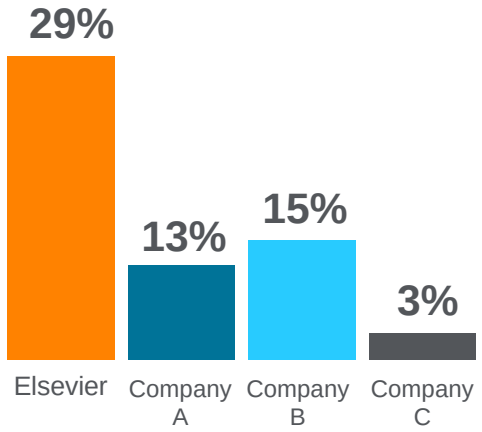


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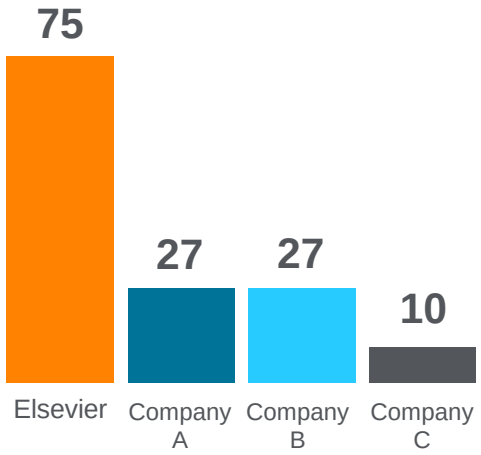
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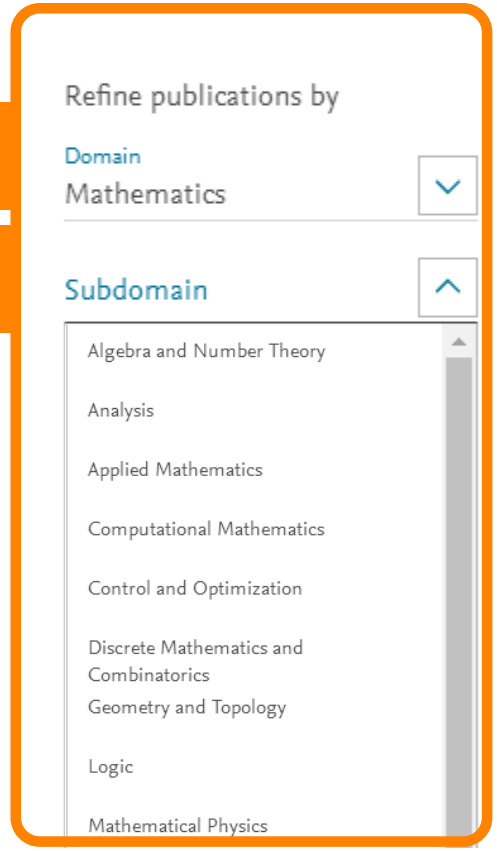
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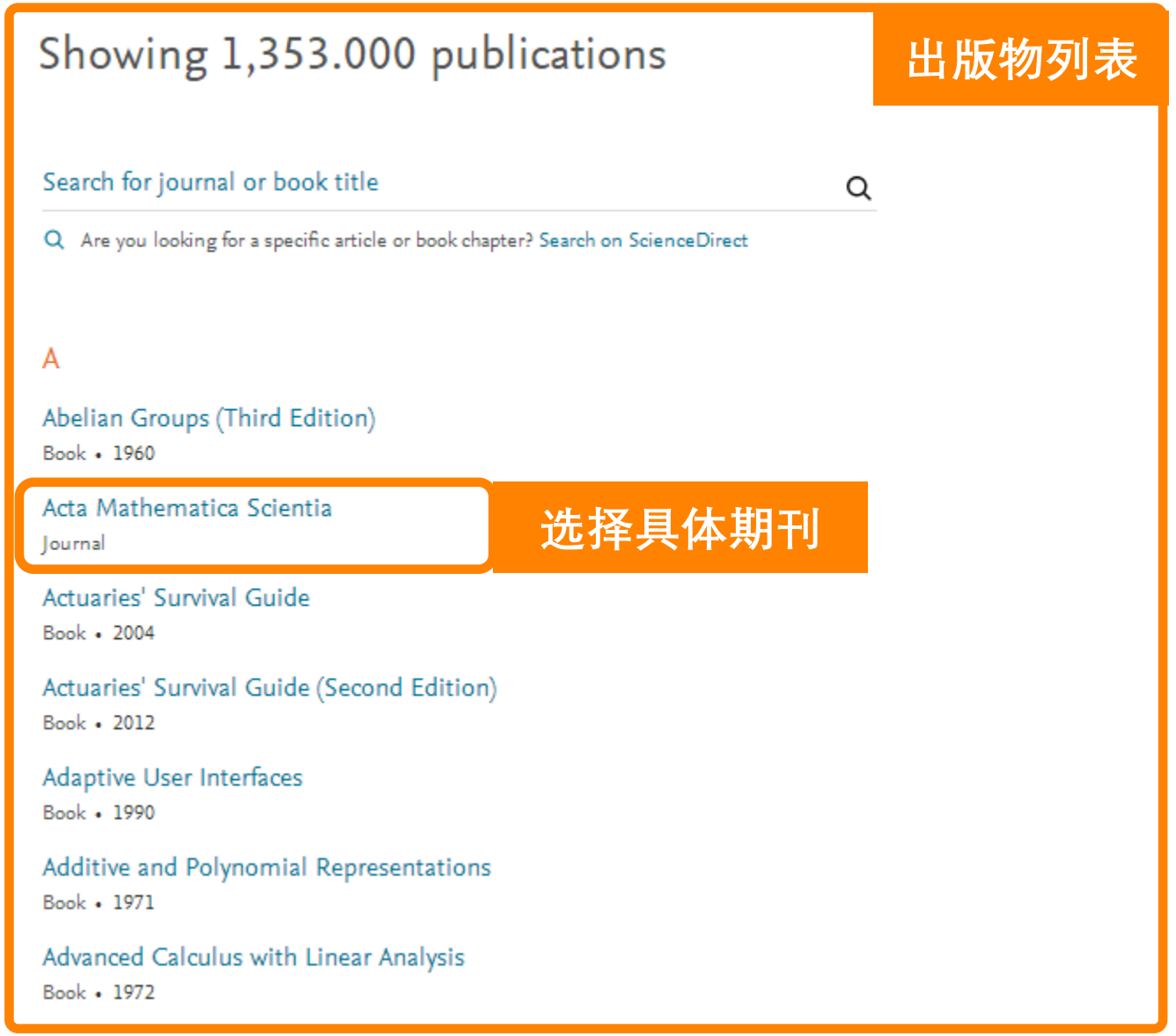
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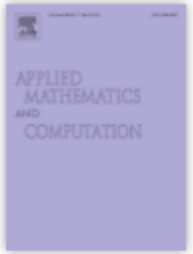
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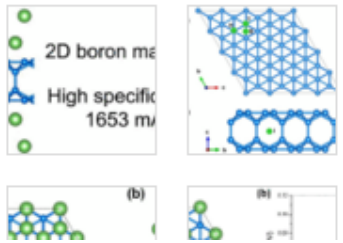
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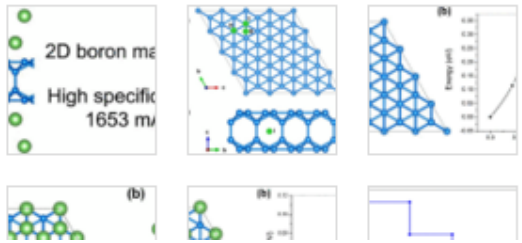
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To design the high-energy-density Li-ion batteries, the anode materials with high specific capacity have attracted much attention. In this work, we adopt the first principles calculations to investigate the possibility of a new two dimensional boron material, named B_G, as anode material for Li-ion batteries. The calculated results show that the maximum theoretical specific capacity of B_G is 1653 mAh g^{-1} ($LiB_{1.5}$).

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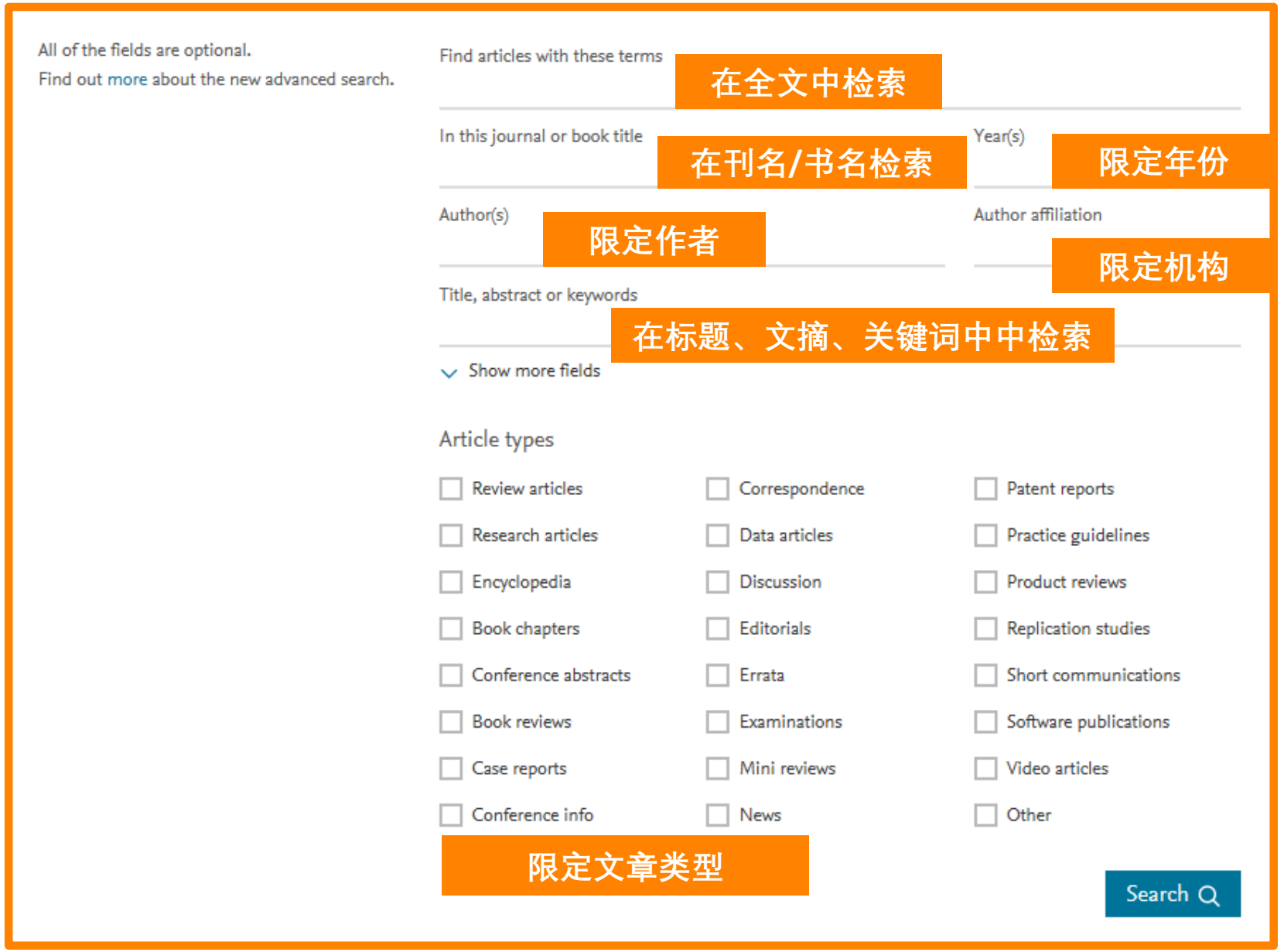
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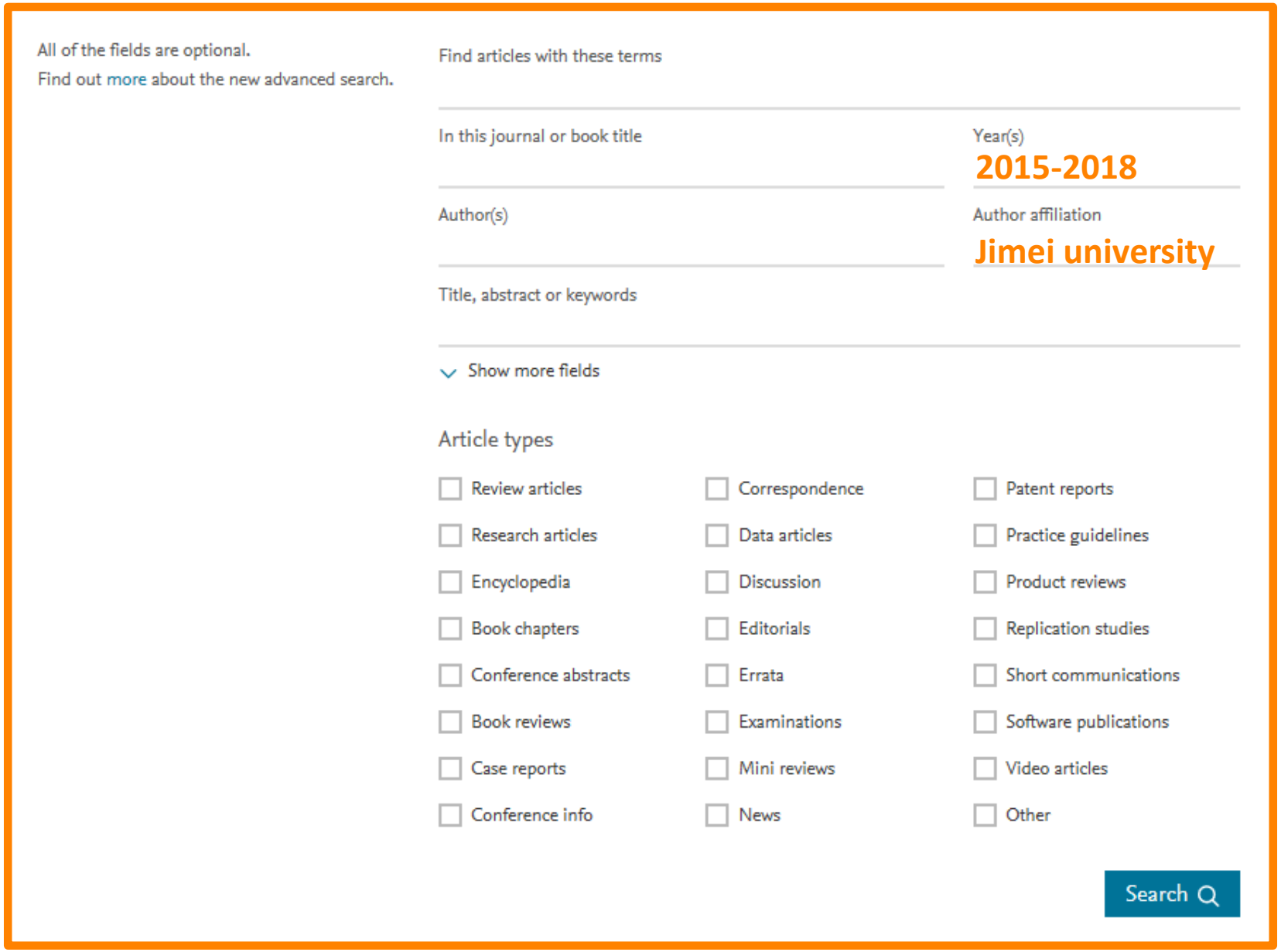


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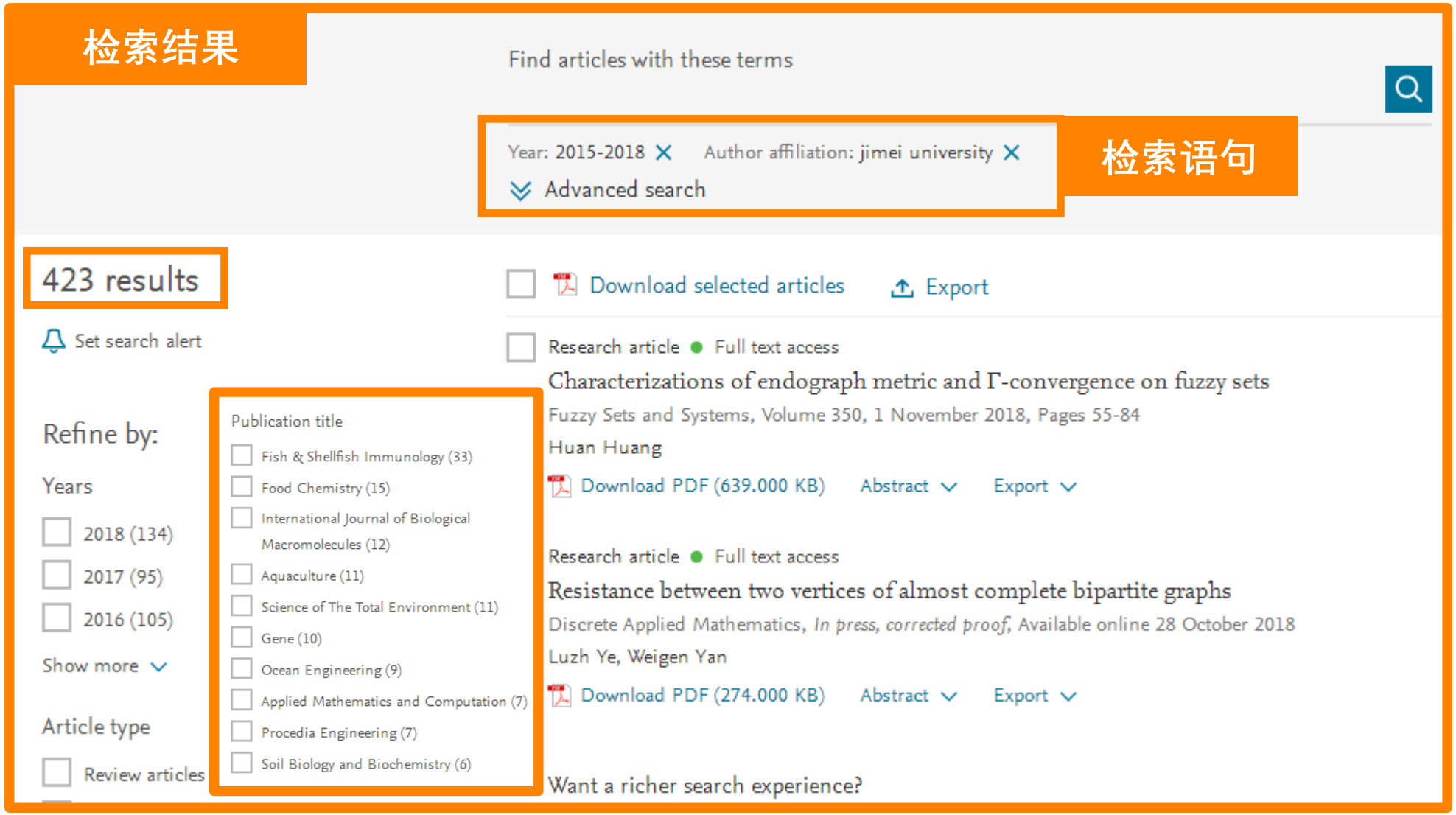
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Author(s)

Author affiliation

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How do I use the new advanced search?

Last updated on 24/07/2018 01.46 PM

Performing an advanced search tutorial

The new advanced search form offers an open design which allows you to specify one or more pieces of information (e.g., keywords, authors, dates, etc.) to find related documents in ScienceDirect. You can easily build an explicit query using multiple Boolean operators and nested clauses in your search.

None of the available fields are mandatory to an advanced search query. You are simply required to complete at least one field with searchable information.

高级检索

特殊字符搜索


How to search for other characters
View the tips in the table below to see how to search for special characters
Character
Spelling variations
Greek letters and character equivalents
Subscript and superscript
Accented characters
Non-alphanumeric characters
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Role of diets rich in omega-3 and omega-6 in the development of cancer
Boletín Médico Del Hospital Infantil de México (English Edition), Volume 73, Issue 6, November–December
Sara Huerta-Yépez, Ana B. Tirado-Rodriguez, Oliver Hankinson
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Enzymatic synthesis of sitagliptin intermediate using a novel ω-transaminase
Enzyme and Microbial Technology, Volume 120, January 2019, Pages 52-60
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布尔语言搜索

Use Boolean operators to combine multiple terms:

- Boolean operators currently supported include AND, OR, NOT, and the hyphen (or minus symbol)
- Boolean operators must be entered in all uppercase
- The hyphen (or minus symbol) is interpreted as the NOT operator

  For example: `black -hole` will return results containing 'black', but exclude any instances where 'hole' appears with it.

- Boolean precedence is as follows:

  1. NOT
  2. AND
  3. OR

- Parentheses can be used when nesting clauses so the grouping is clear

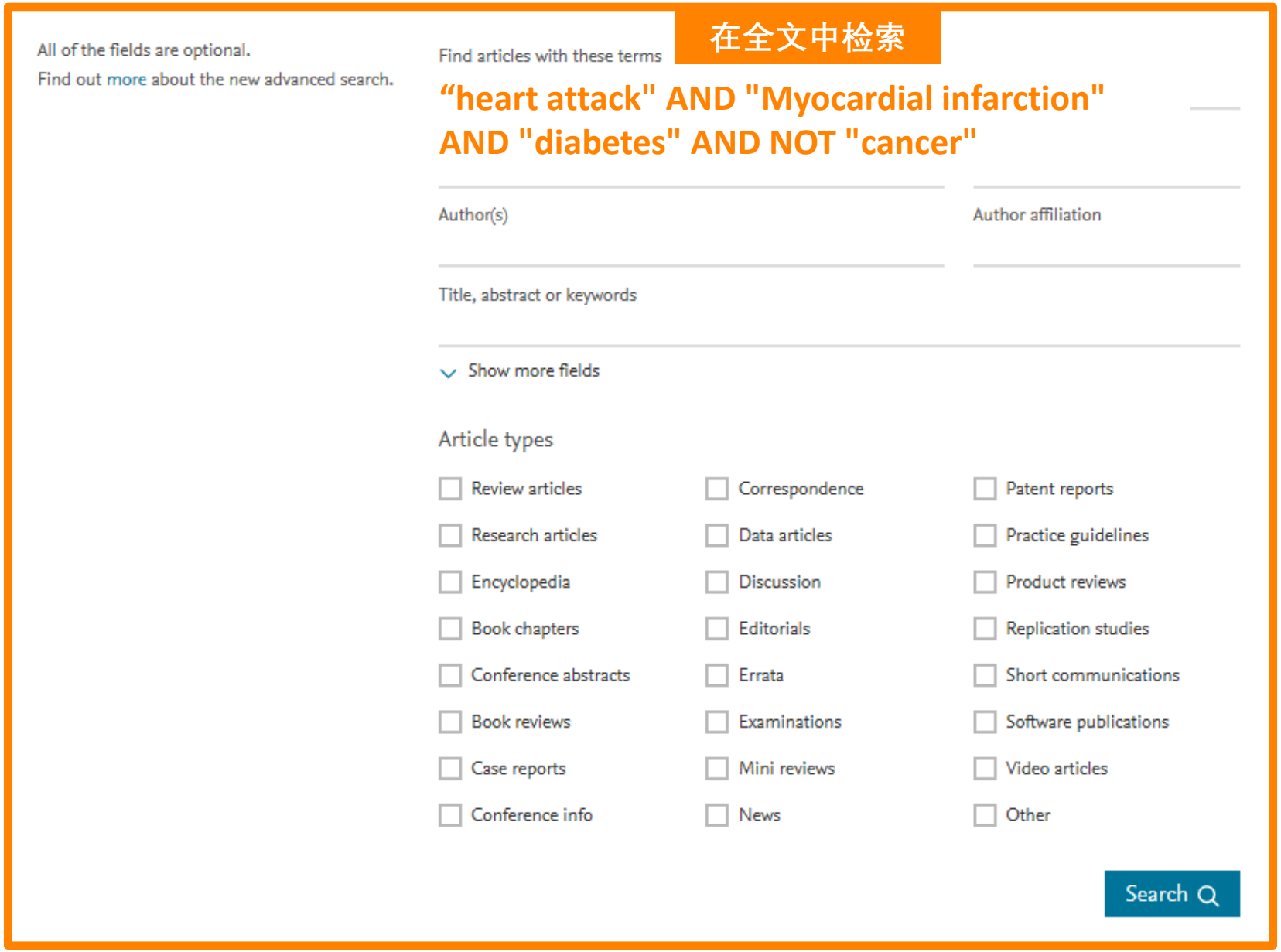
  For example: For `a OR b AND c`, enter `a OR (b AND c)`

- Quotation marks can be used to specify terms which must appear next to each other

  For example: `("heart attack" OR "myocardial infarction") AND diabetes AND NOT cancer`

高级检索

案例：
在在文中检索
“heart attack" AND "Myocardial infarction" AND "diabetes" AND NOT "cancer"



高级检索

检索结果

Find articles with these terms

"heart attack" AND "Myocardial infarction" AND "diabetes" AND

Advanced search

检索语句

4,089 results

Set search alert

Refine by:

Years

- 2019 (6)
- 2018 (226)
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The American Journal of the Medical Sciences, Volume 356, Issue 3, September 2018, Pages 219-226

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18: Acute Myocardial Infarction

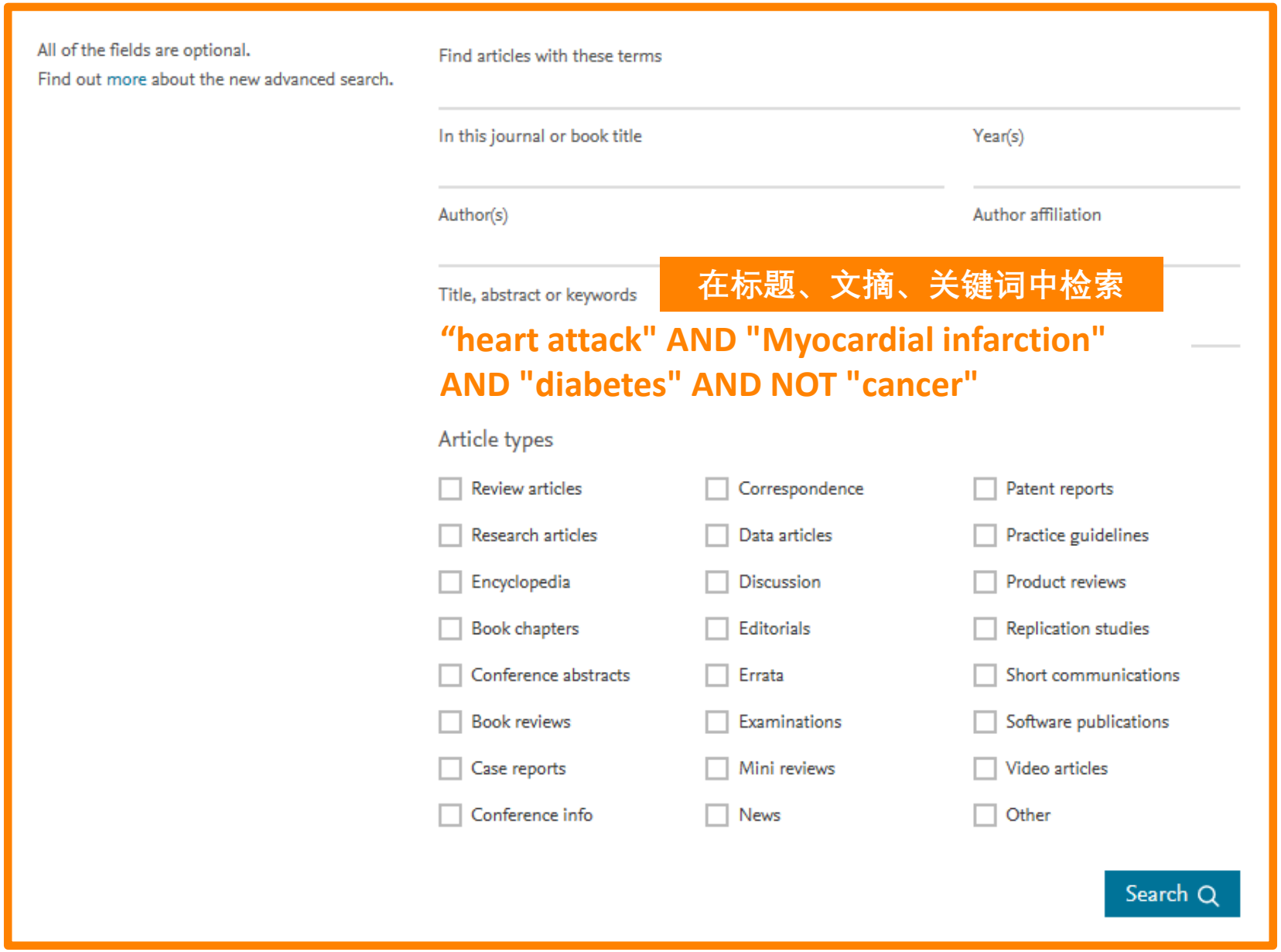
Essential Echocardiography, 2019, Pages 195-199.e1

Justina C. Wu

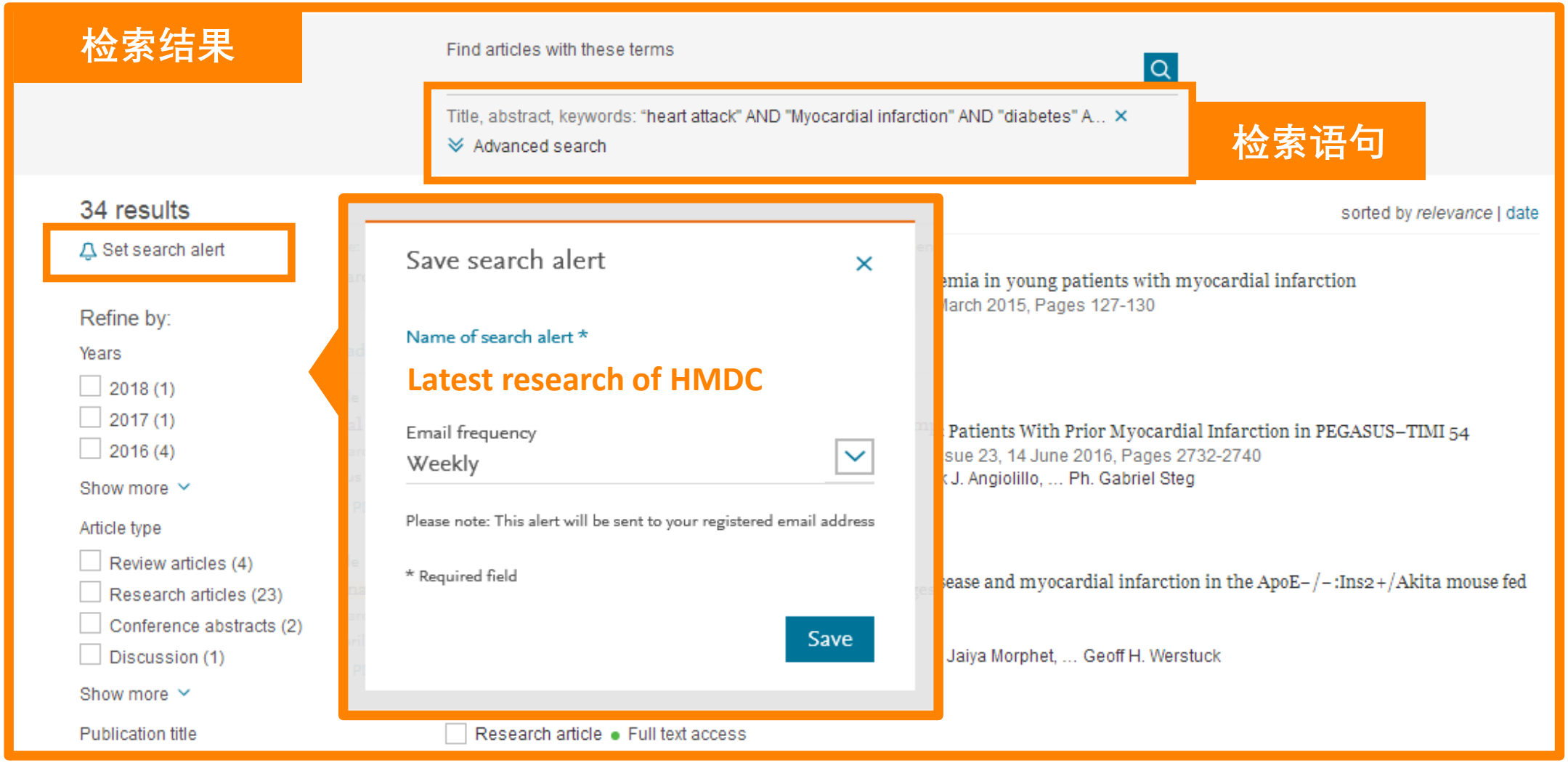
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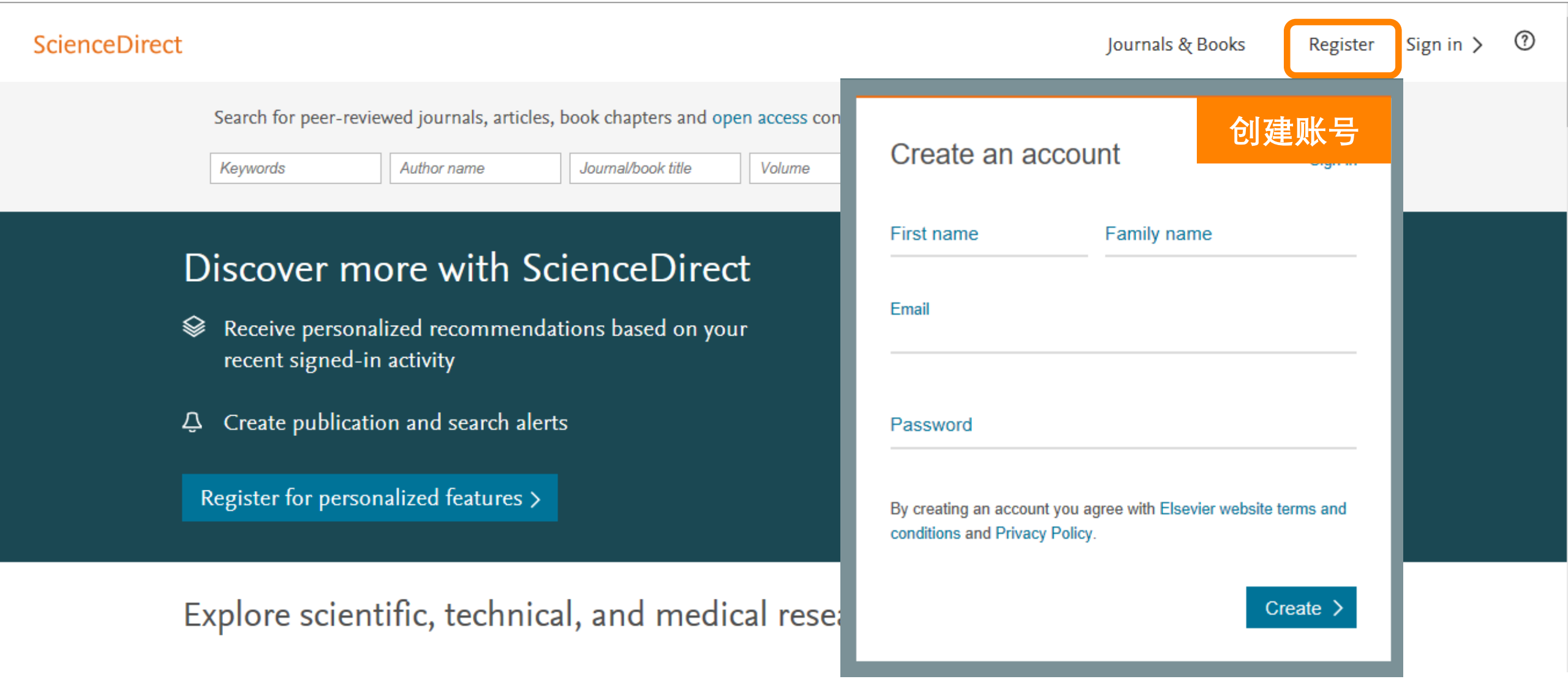
案例：
在标题、文摘、关键词中检索
“heart attack" AND "Myocardial infarction" AND "diabetes" AND NOT "cancer"



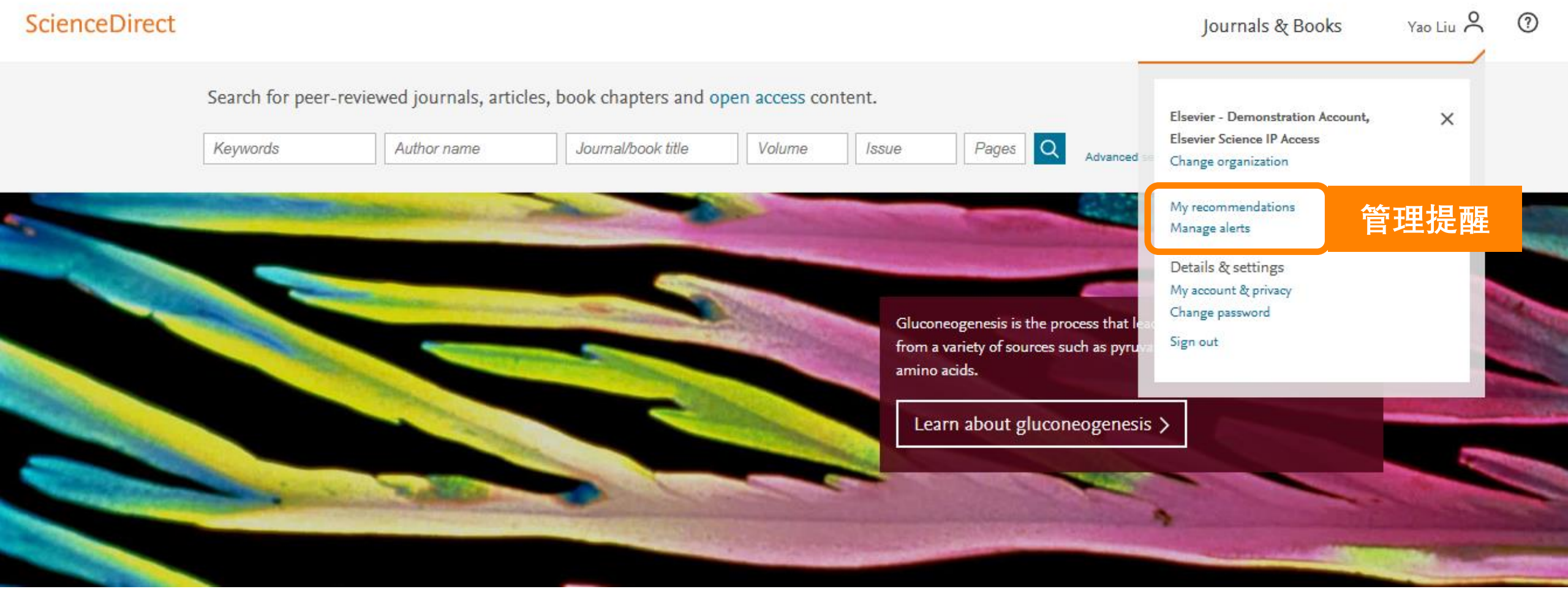
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检索结果
Find articles with these terms
Title, abstract, keywords: "heart attack" AND "Myocardial infarction" AND "diabetes" A...
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检索语句
34 results
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2018 (1)
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emia in young patients with myocardial infarction
March 2015, Pages 127-130
Patients With Prior Myocardial Infarction in PEGASUS–TIMI 54
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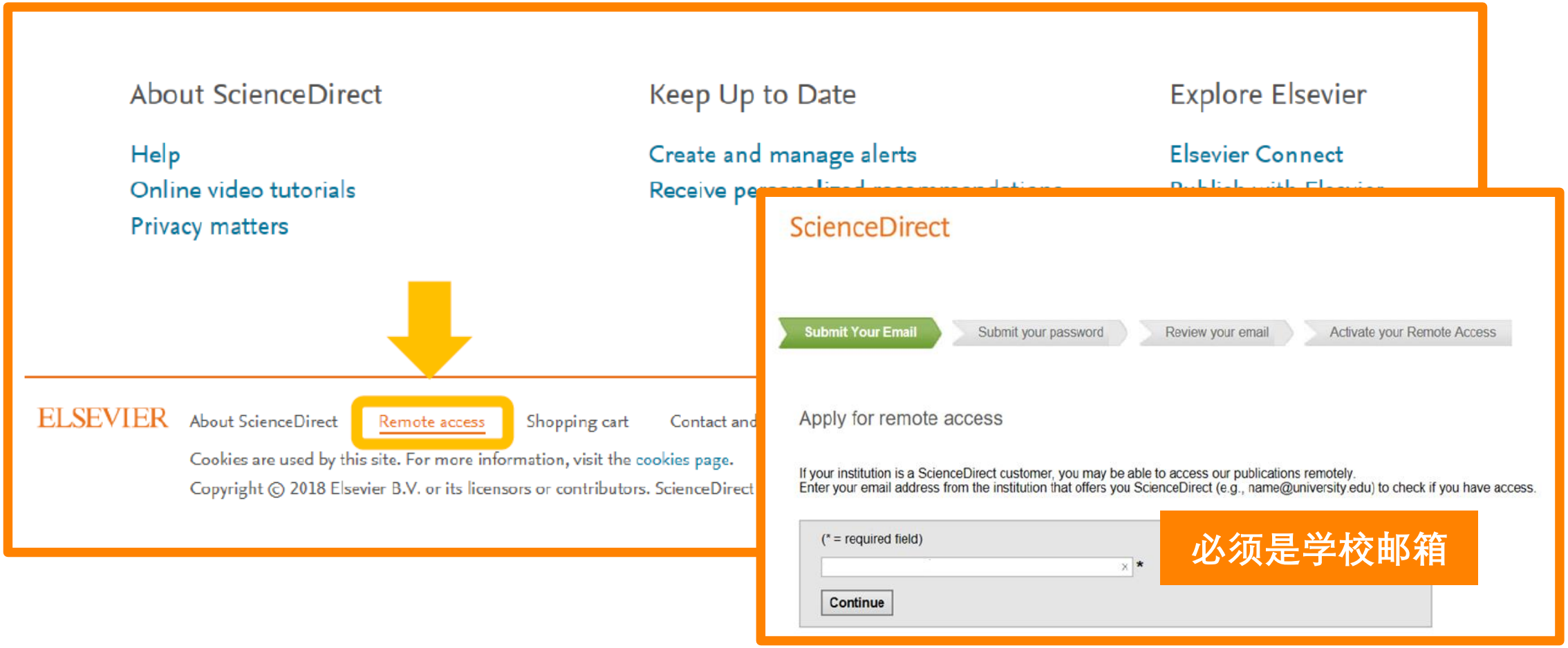
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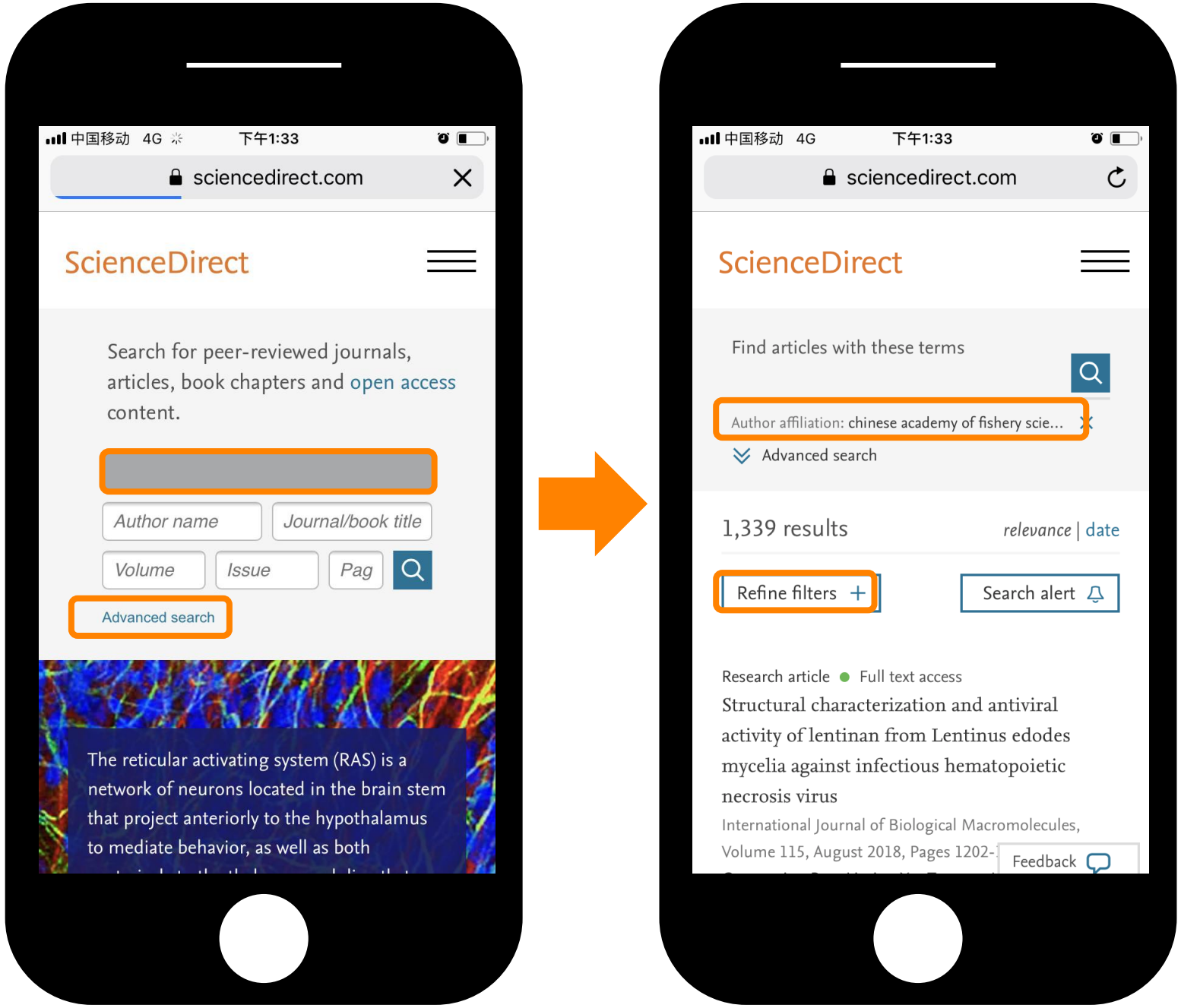

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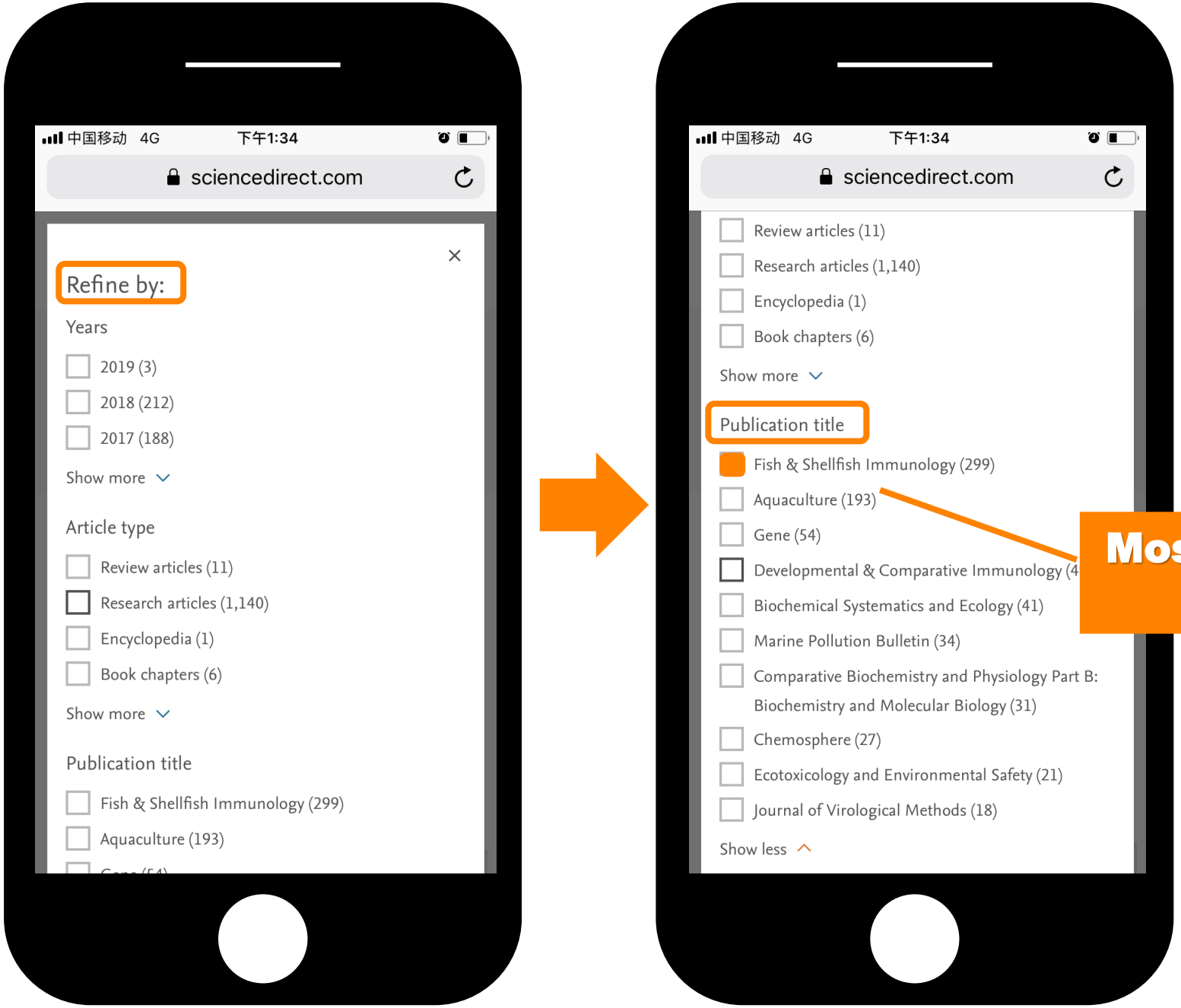
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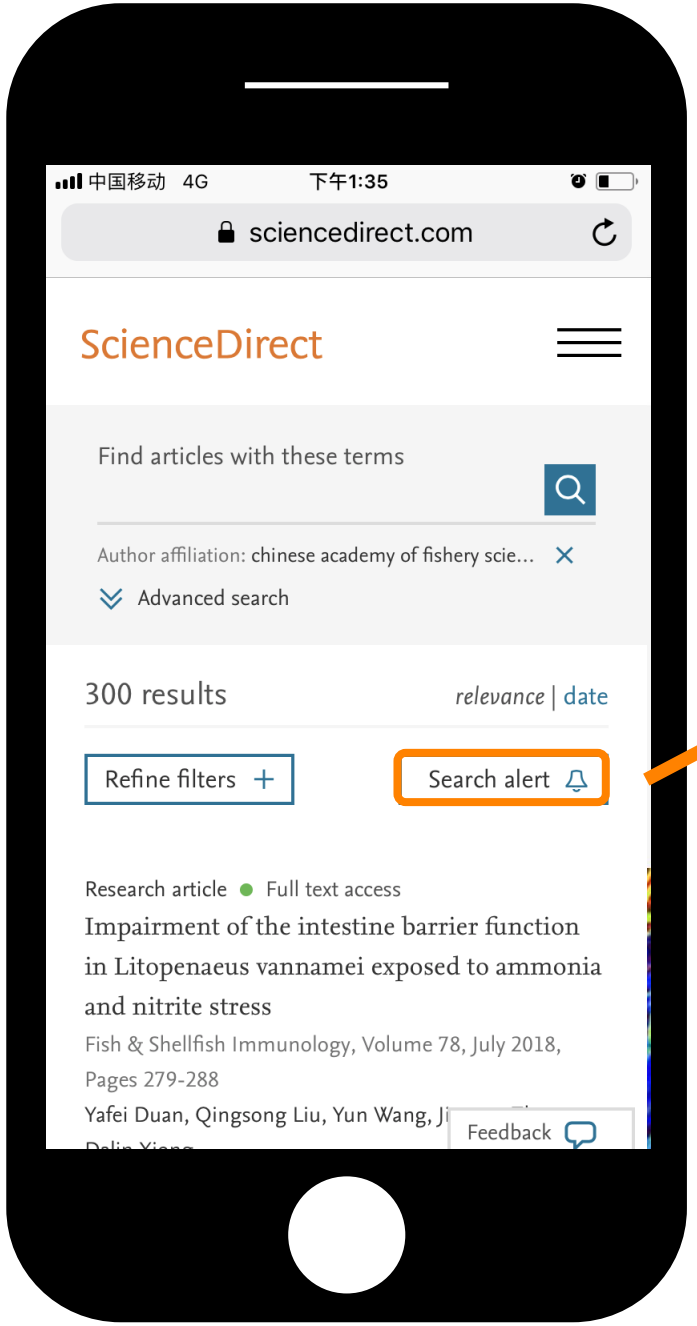
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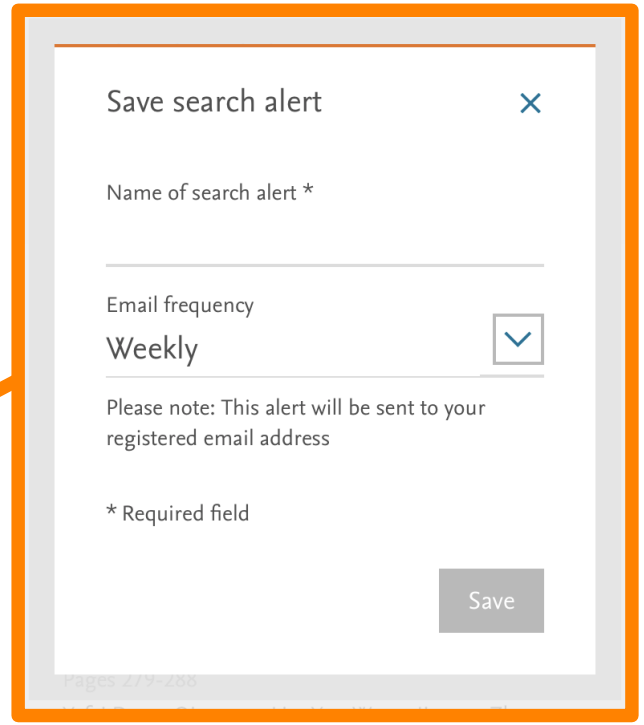

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1. Introduction to Scholarly Publishing

2. Planning, Writing and Structuring Your Article

Planning

Sturcturing

Using proper scientific language

3. Publishing Ethics, Author Rights & Responsibilities

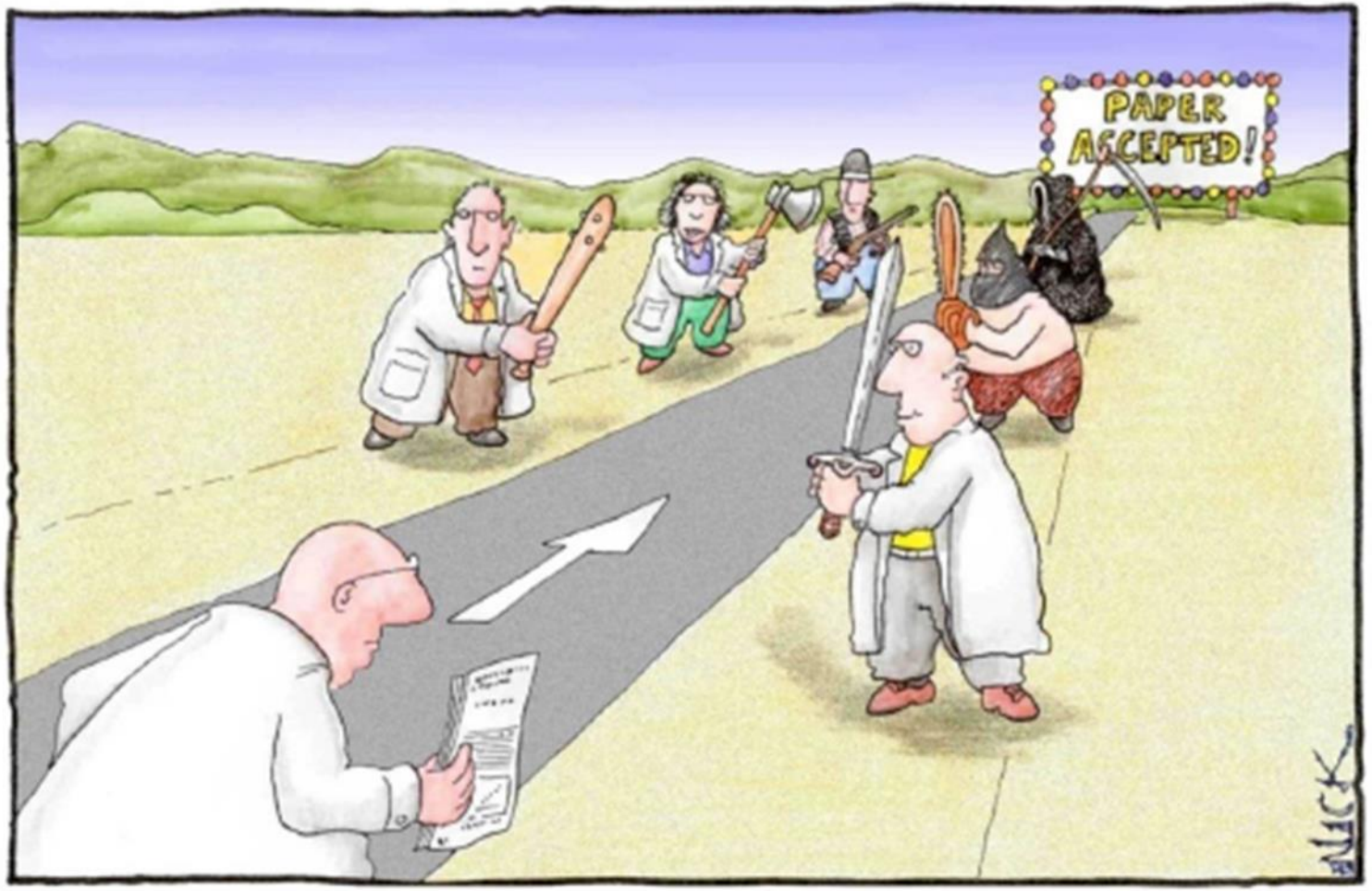
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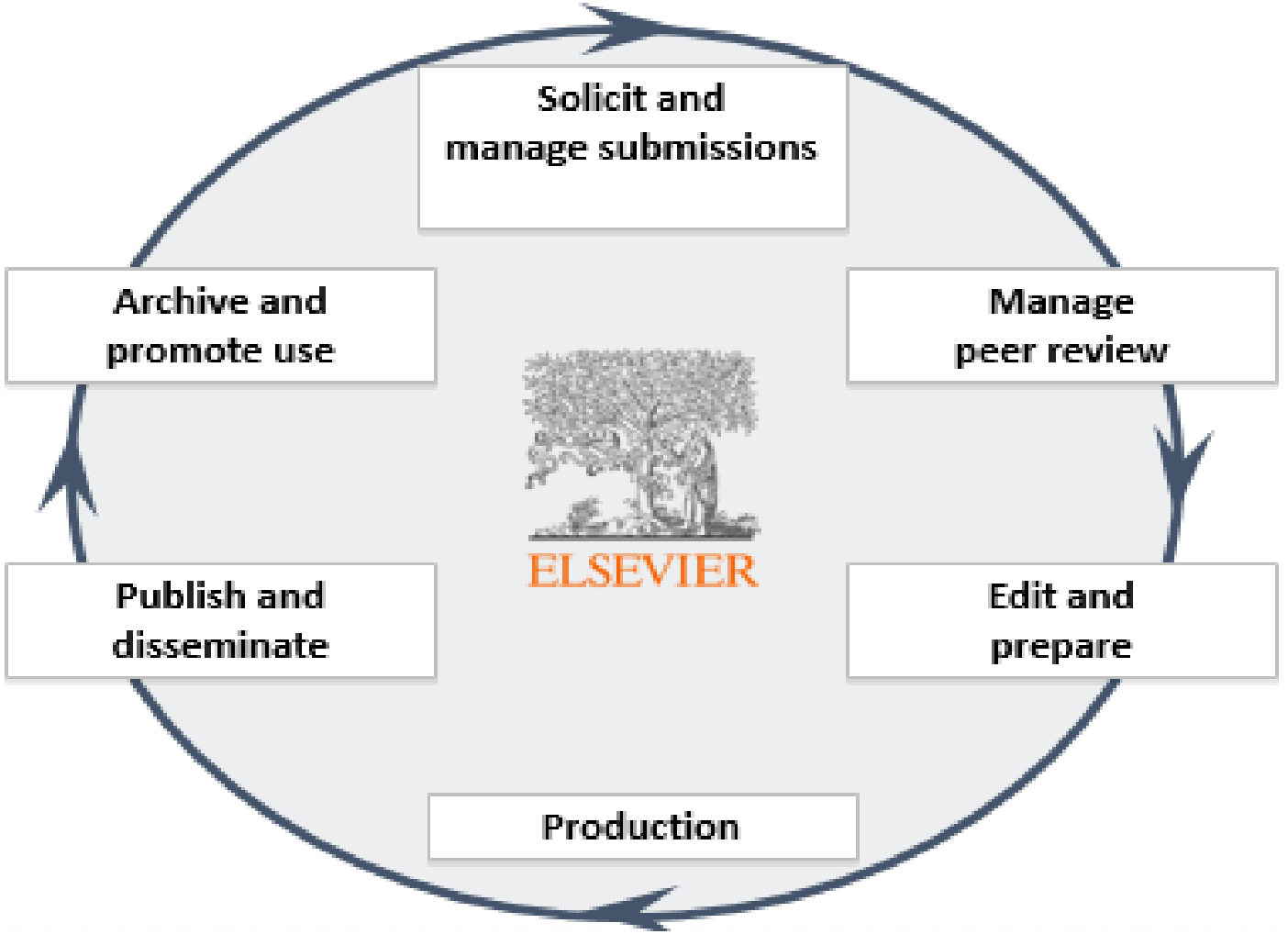
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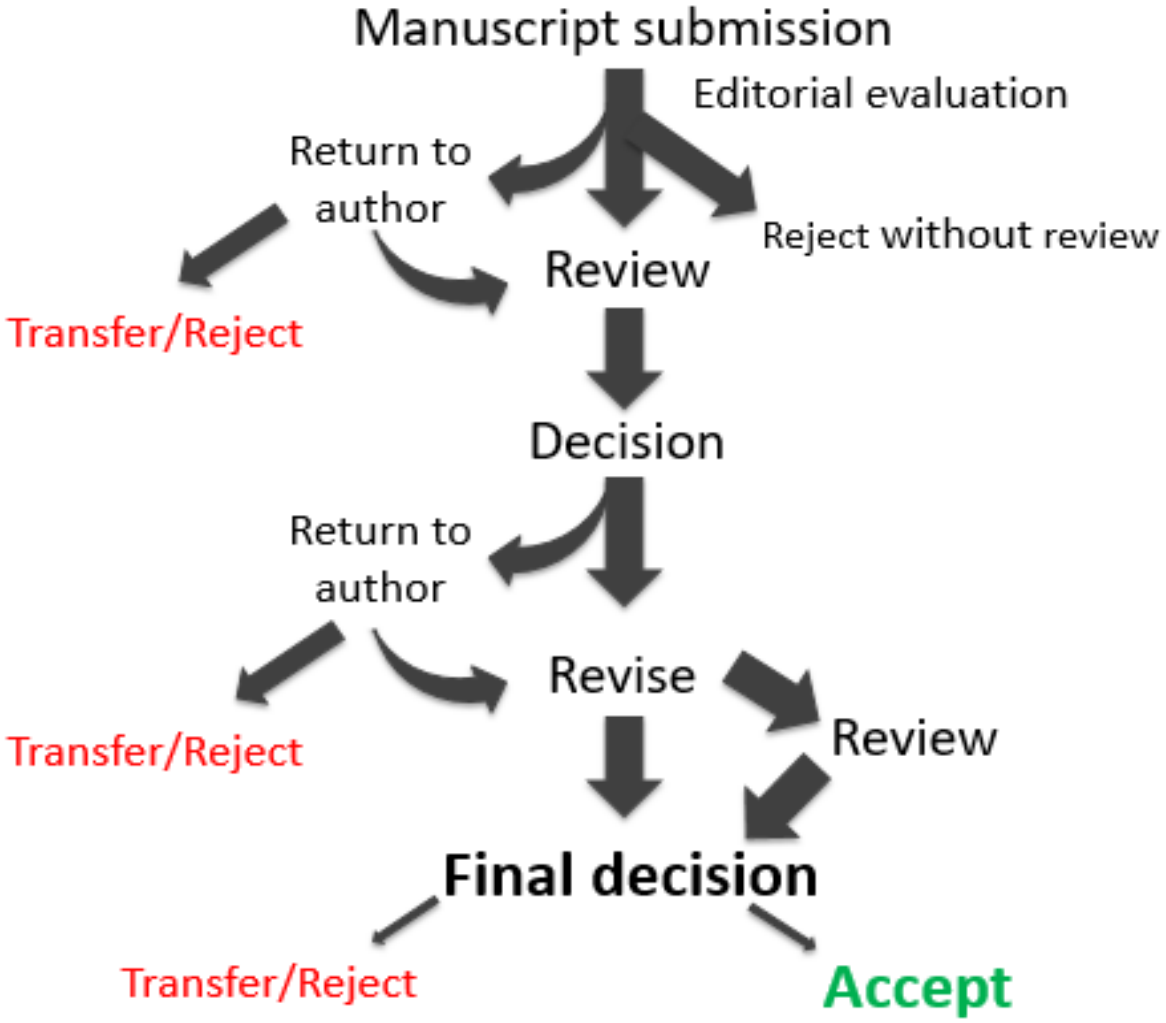


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Review
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Decision
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Transfer/Reject
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2. Planning, Writing and Structuring Your Article

2.1 Plan Your Article

准备文章

Before writing your paper



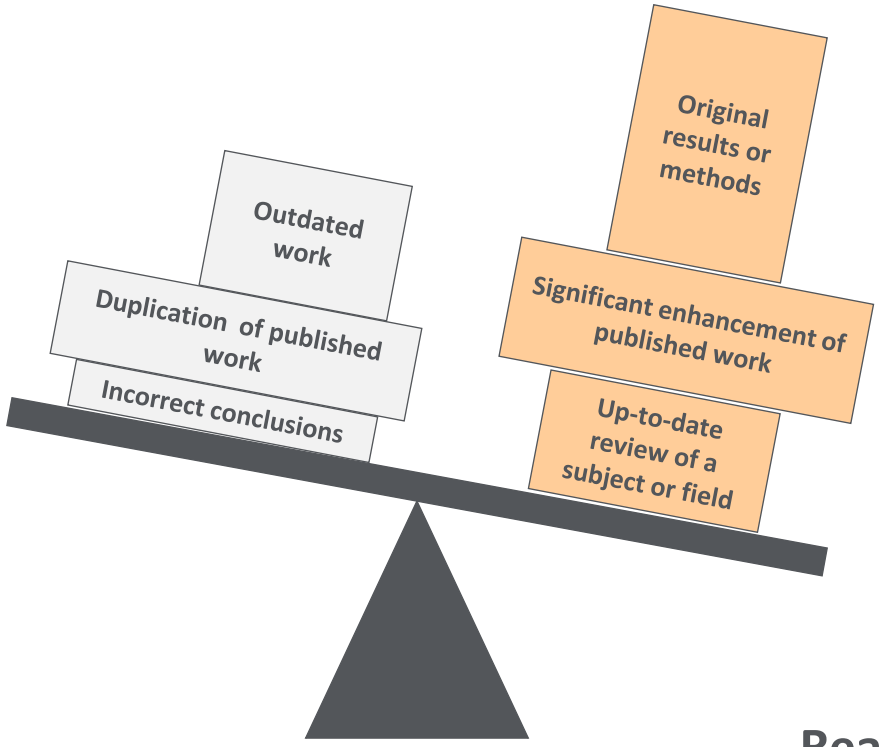
Determine if you are ready to publish your work

Decide on the best type of manuscript

Choose the target journal

Check the Guide for Authors

Are you ready to publish?



Not ready
Work has no scientific interest

Ready
Work advances the field

Planning Your Article

What makes a strong manuscript?



- Clear, relevant, and novel message
- **Organised in a logical manner**
- Presented in a way that helps readers understand the research and its findings
- **Editors, reviewers and readers must be able to understand the significance of the work**

Editors will be excited by your work if.....

- **It is new and interesting**
- **It challenges existing work**
- **It relates directly to a current hot topic**
- **It provides a possible solution to a difficult problem**

Choosing the right journal

Best practices

- Aim to reach the intended audience for your work
- Supervisor and colleagues can provide good suggestions
- Shortlist a handful of candidate journals, and investigate them:
  - Aims & Scope
  - Accepted types of articles
  - Readership
  - Current hot topics

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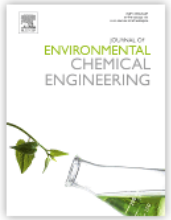
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2. Planning, Writing and Structuring Your Article

2.2 Structure Your Article

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论文写作与审核流程



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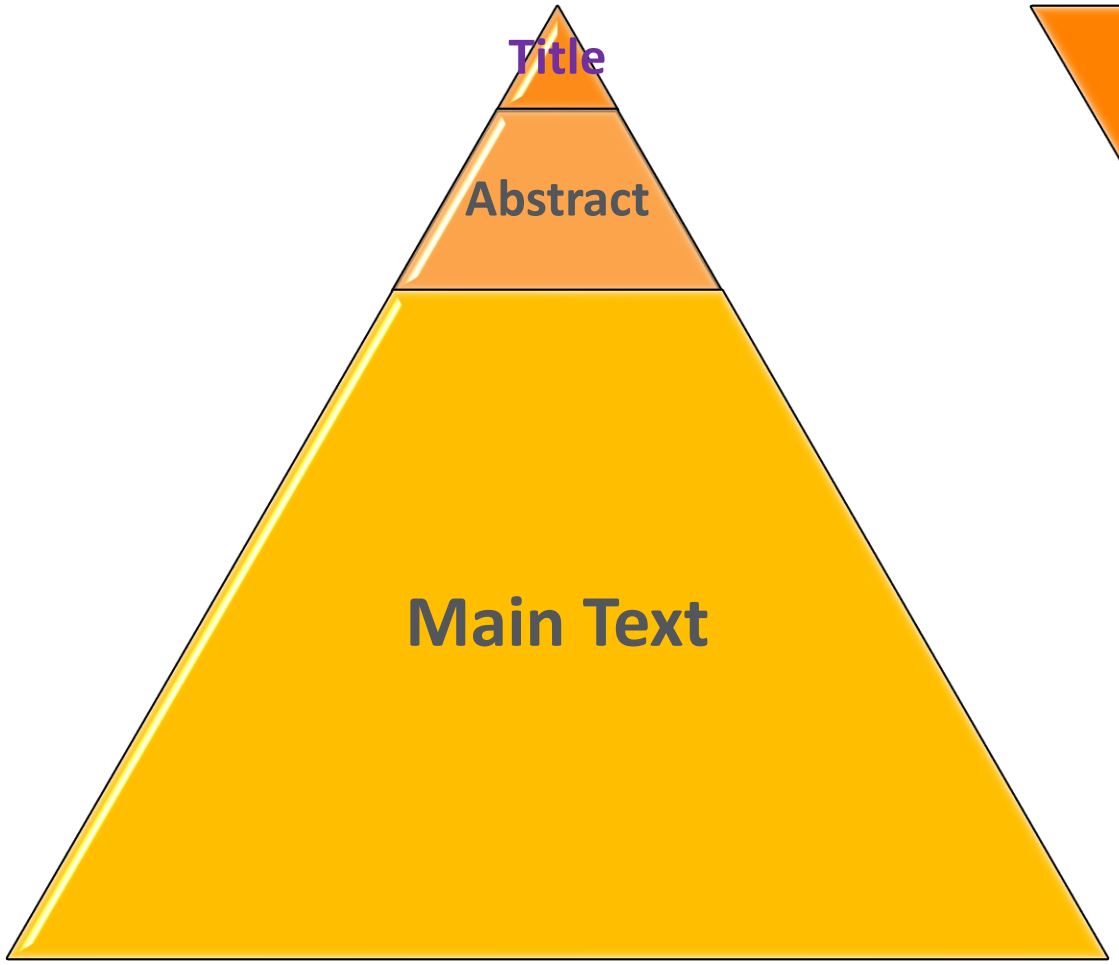
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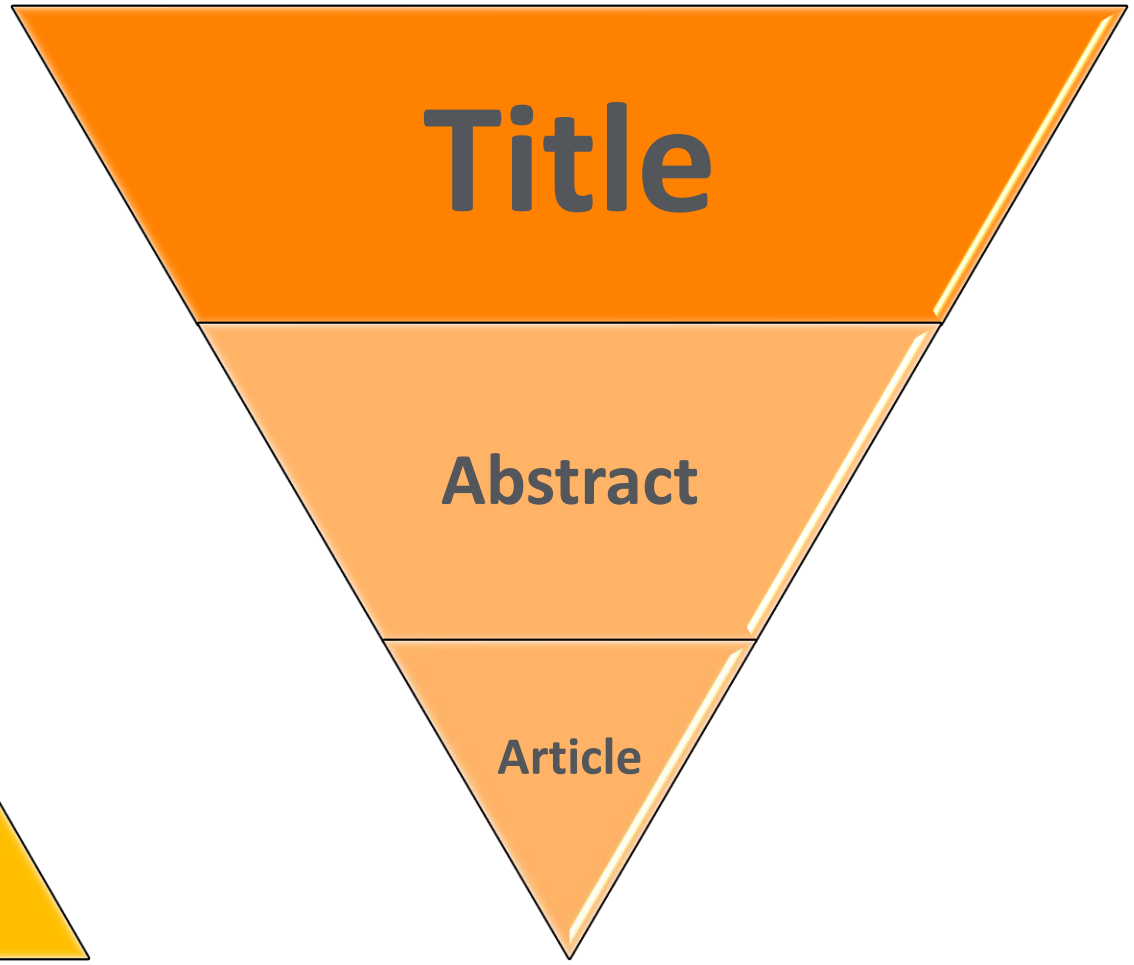
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摘要



全面扼要

摘要部分应该使用简明扼要且有说服力的语言提出研究动机、阐明研究贡献及展示研究成果

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使用尽量少的词语

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切忌表达笼统不准确

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简介



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提供一个简单的研究背景概述

问题

明确提出你所关注的问题

研究现状

明确提出现有的解决方案及局限性

价值体现

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明确描述你是如何研究你的问题的

what

应包含比较具体、细节的信息

By what

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Do Not

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研究结果



统计结果

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分类表达

使用二级标题，将同一类别的研究结果放在一起

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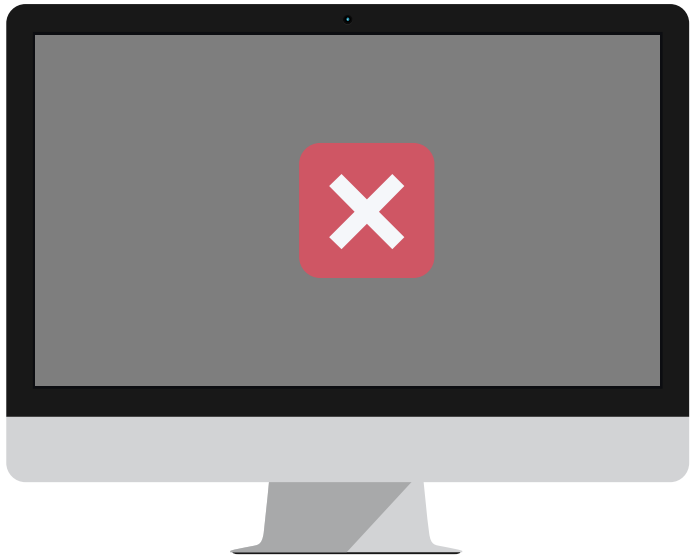
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研究结果只需给出你最重要的数据结果，过多的无关数据反而会导致重点不突出

讨论

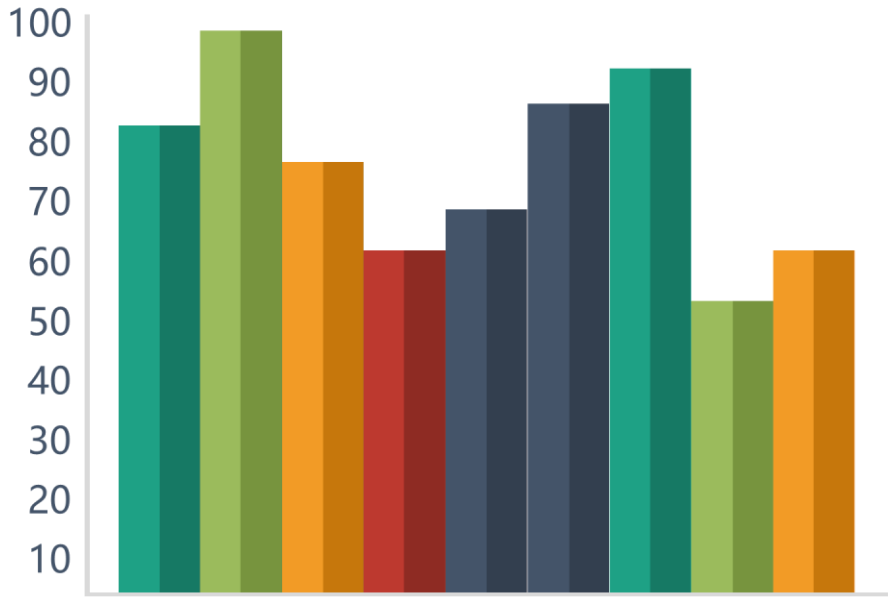


- 对你的结果给出合理解释
- 保证讨论部分与你的研究结果相关且对其能提供有效的补充
- 将已发表的结果与你的研究结果进行比较，正面支持，反面尊重
- 这是全篇最重要的一个章节



- 讨论内容与研究结论无关
- 重复研究结论
- 在你论文中没有被定义或提到的陌生术语
- 基于想象而非事实的推测和解释

结论



清晰明了
用尽量少的篇幅表达你的结论

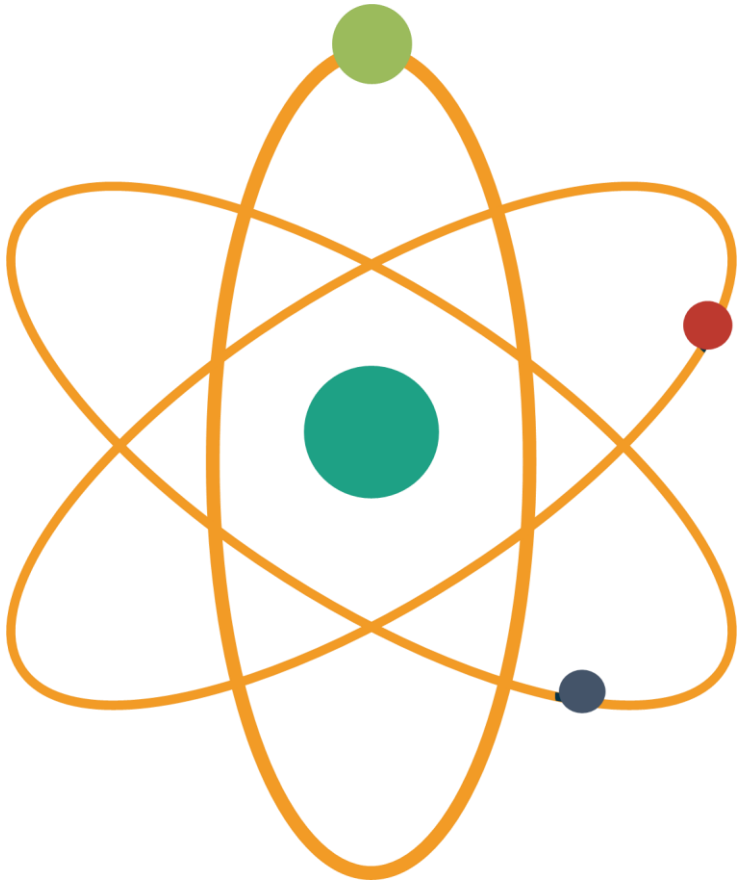
立场鲜明
结论必须鲜明，切忌含糊不清

价值体现
阐述你的研究工作对已有研究有哪些提升

未来展望
提出未来的研究方向以及实验设计

强烈建议请一个外行人来看你的结论，如果并不能立刻读懂，说明你的表述逻辑不够清晰，应继续修改

文献引用



相关性

反复检查引用文献及其相关性

一手文献

尽量引用最初的文献而非经过加工的二次引用文献

准确可循

切忌拼错作者名字或拼错刊名或写错卷号

尽量引用那些可以在网上检索到的文献，以及和所投稿期刊同语种的文献

自我引用

切勿过度自我引用



2. Planning, Writing and Structuring Your Article

2.3 Using proper scientific language

使用适当的科学语言

Why is language important?

- Poor language quality can delay or block publication of work
- Proper English should be used throughout the manuscript

Why is language important?

Save your editor and reviewers the trouble of guessing what you mean

Complaint from an editor:

"[This] paper fell well below my threshold. I refuse to spend time trying to understand what the author is trying to say. Besides, I really want to send a message that they can't submit garbage to us and expect us to fix it. My rule of thumb is that if there are more than 6 grammatical errors in the abstract, then I don't waste my time carefully reading the rest."

Do publishers correct language?

No!
It is the author's responsibility…

*…but r**esources** are available*

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Research cycle | Content library

RESEARCH PREPARATION
- Funding
- Research data management

WRITING FOR RESEARCH
- Fundamentals of manuscript preparation
- Writing skills
- Technical writing skills
- Book writing

PUBLICATION PROCESS
- Fundamentals of publishing
- Finding the right journal
- Ethics
- Open science
- Publishing in the Chemical Sciences

NAVIGATING PEER REVIEW
- Fundamentals of peer review
- Becoming a peer reviewer
- Going through peer review

COMMUNICATING YOUR RESEARCH
- Social impact
- Ensuring visibility

https://researcheracademy.elsevier.com/



3. Publishing Ethics, Author Rights & Responsibilities

出版道德与剽窃

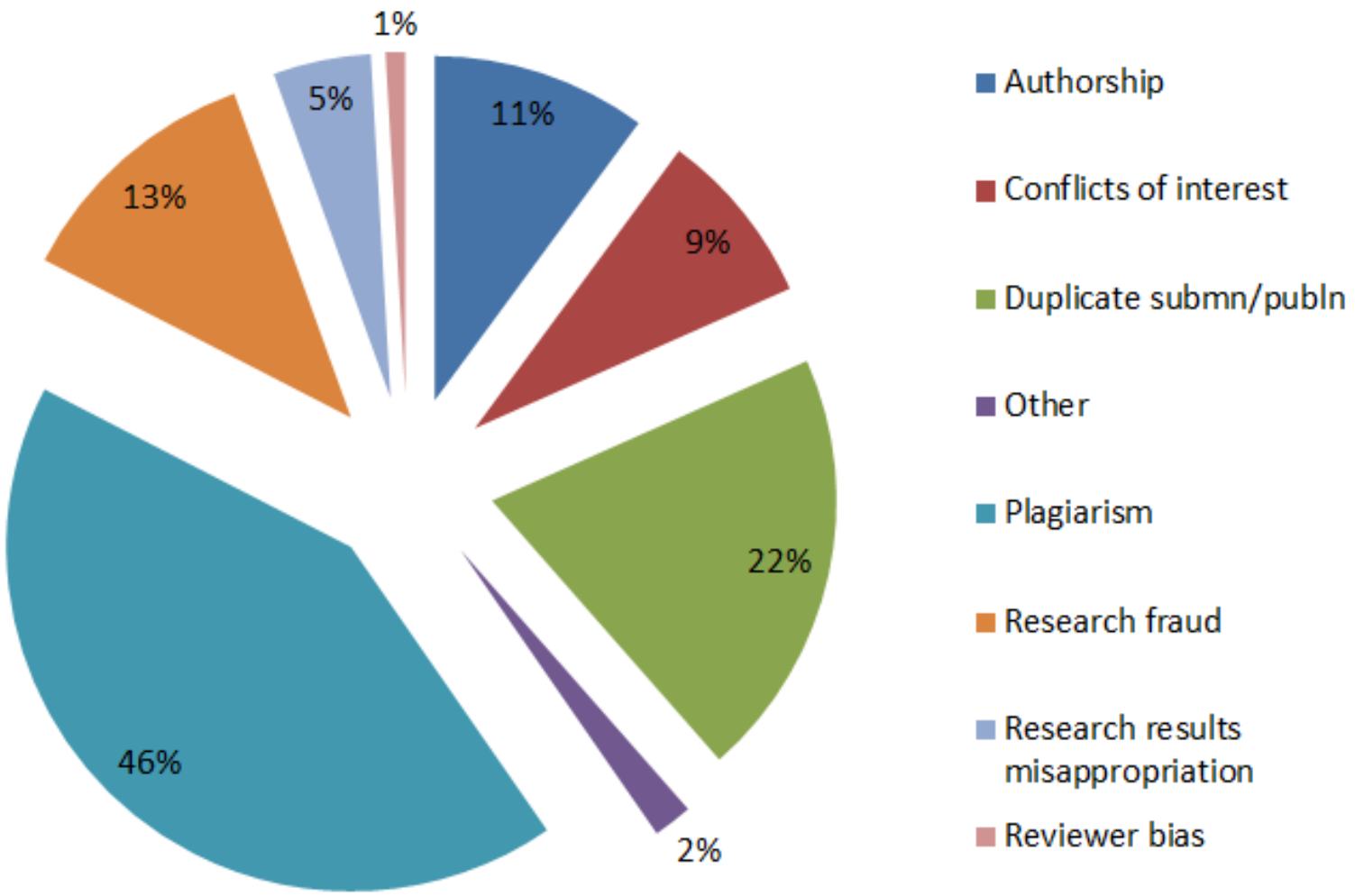
What may be plagiarised?

Work that can be plagiarised includes…

- Words (language)
- Ideas
- Findings
- Writings
- Graphic representations
- Computer programs
- Diagrams



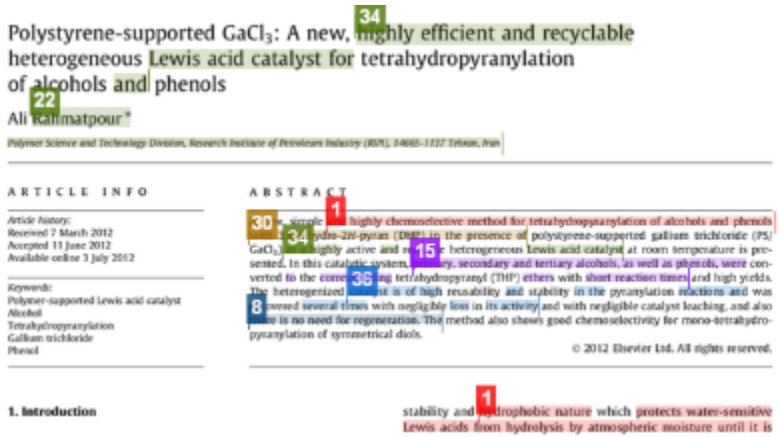
Plagiarism high amongst ethics issues



Sample of cases reported to Elsevier Journals publishing staff in 2012

Plagiarism detection: CrossCheck in EES & Evise

- Consists of database of published content and plagiarism-detecting software from Iparadigms
- Unique database: 50 million+ articles from 175,000+ journals and books from 300+ publishers
- Expert interpretation still essential: CrossCheck shows similarity but not context or intent
- Shortcomings: risk of false positives & false negatives



Polystyrene-supported $GaCl_3$: A new, highly efficient and recyclable heterogeneous Lewis acid catalyst for tetrahydropyranylation of alcohols and phenols

Ali Ramazani*

ARTICLE INFO

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Phenol

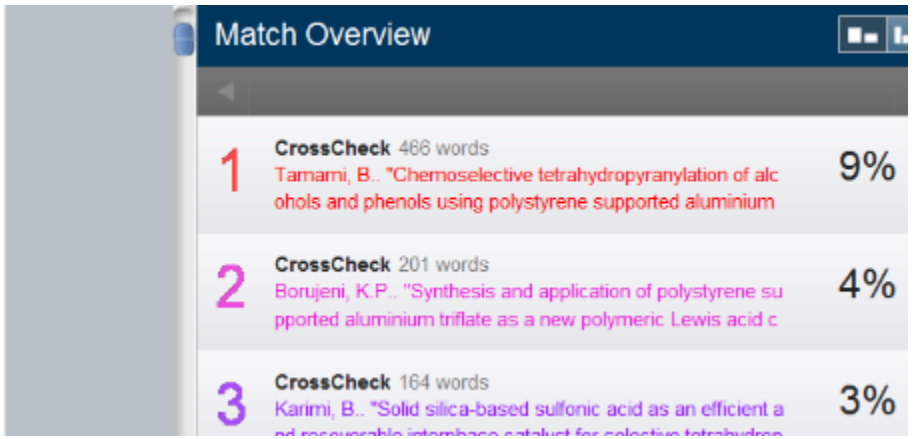
ABSTRACT

A simple and highly chemoselective method for tetrahydropyranylation of alcohols and phenols using 3,4-dihydro-2H-pyran (DHP) in the presence of polystyrene-supported gallium trichloride (PS/$GaCl_3$) as highly active and reusable heterogeneous Lewis acid catalyst at room temperature is presented. In this catalytic system, primary, secondary and tertiary alcohols, as well as phenols, were converted to the corresponding tetrahydropyranyl (THP) ethers with short reaction times and high yields. The heterogenized catalyst is of high reusability and stability in the pyranylation reactions and was recovered several times with negligible loss in its activity and with negligible catalyst leaching, and also there is no need for regeneration. The method also shows good chemoselectivity for mono-tetrahydropyranylation of symmetrical diols.

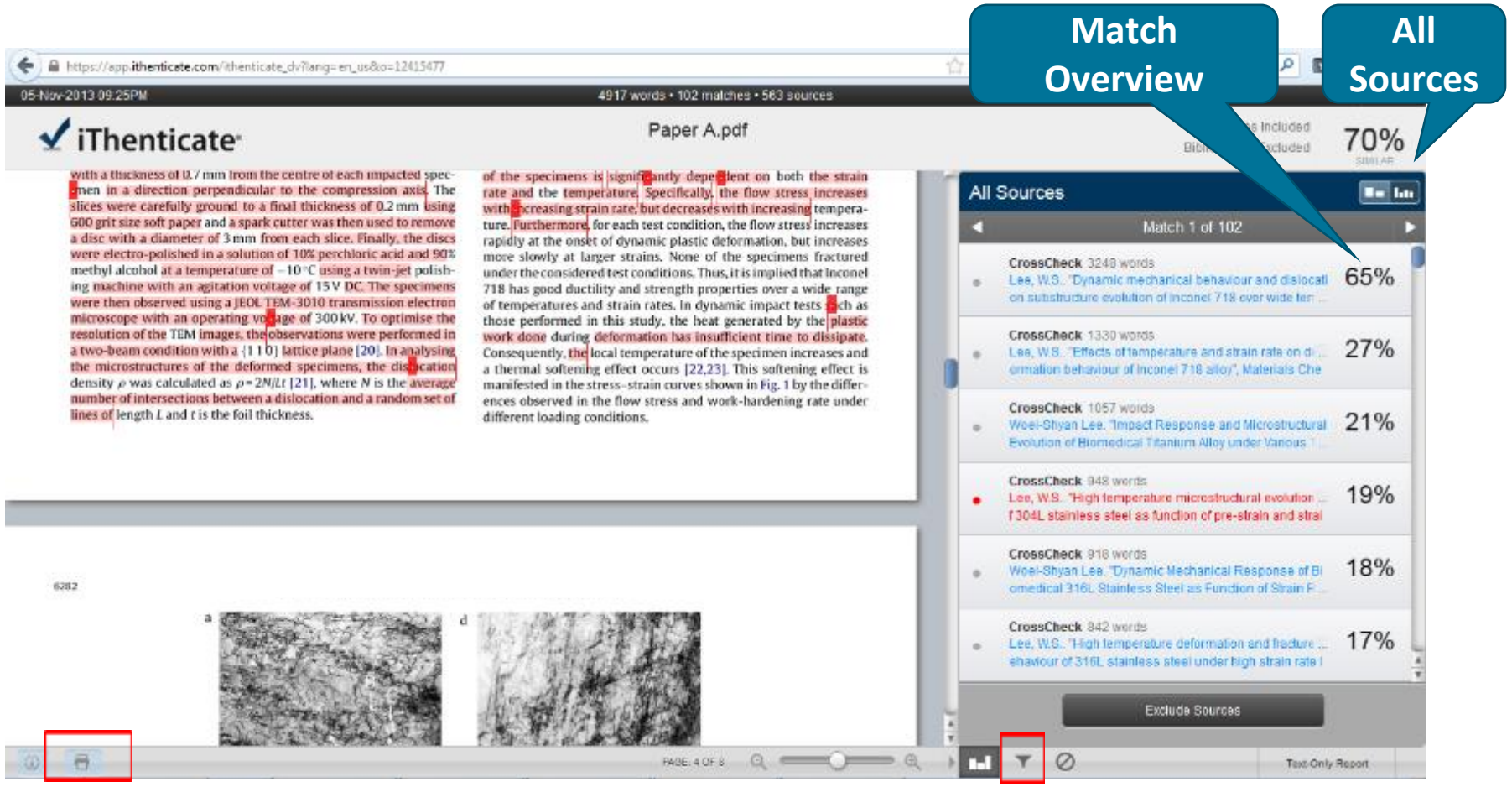
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1. Introduction

stability and hydrophobic nature which protects water-sensitive Lewis acids from hydrolysis by atmospheric moisture until it is



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Filters & Settings

Consequences

Potential consequences can vary according to the severity of the misconduct and the standards set by the journal editors, institutions and funding bodies.

Possible actions include:

- Written letters of concern and reprimand
- Article retractions
- Some form of disciplinary action on the part of the researcher’s institute or funding body

Consequences



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日本語要約

Time for the data to speak

Nature Biotechnology **35**, 689 (2017) | doi:10.1038/nbt.3938
Published online 02 August 2017

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Retraction of a study claiming gene editing
importance of post-publication peer review i





7 hrs/week
average time spent on literature

- The volume of research articles is growing at an accelerated pace
- Your job: make sure your research doesn’t fall through the cracks!

Questions & Answers



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