



ACS Publications
Most Trusted. Most Cited. Most Read.

美国化学会

携手全球化学科研机构

1. ACS的简介
2. ACS的平台高效使用
3. ACS的投稿与写作

朱苗
ACS 产品培训师
iGroup 2019



ACS Publications
Most Trusted. Most Cited. Most Read.

ACS的简介

美国化学会

- Founded in 1876
- Over 160,000 ACS members worldwide
- The global professional home for scientists
- Many Nobel Prize winners and top researchers

Lithium-ion battery pioneers nab 2019 Nobel Prize in Chemistry

John B. Goodenough, M. Stanley Whittingham, and Akira Yoshino will share the prize for developing the chemistry of the rechargeable batteries

by Bethany Halford

OCTOBER 9, 2019



Credit: Mitch Jacoby/C&EN; Binghamton University; The Japan Prize Foundation

John B. Goodenough (left), M. Stanley Whittingham, and Akira Yoshino will receive the 2019 Nobel Prize in Chemistry

ADVERTISEMENT

MOST POPULAR IN PEOPLE

Lithium-ion battery pioneers nab 2019 Nobel Prize in Chemistry

Podcast: At 97, lithium-ion battery pioneer John Goodenough says his work is not done

Who will win the 2019 Nobel Prize in Chemistry?

Theoretical understanding of universe evolution and discovery of exoplanets win 2019 Nobel Prize in Physics

Three researchers who uncovered how cells respond to oxygen awarded 2019 Nobel Prize in Physiology or Medicine

美国得克萨斯大学奥斯汀分校的John B. Goodenough
美国宾汉姆顿大学的M. Stanley Whittingham
日本旭化成株式会社和日本名城大学的Akira Yoshino
“开发锂离子电池” 被授予 2019年诺贝尔化学奖
三位诺奖获得者在ACS会龄已累积超过100年

美国化学会出版社

ACS Journals

- 60 Peer Reviewed Journals
- 1M+ original research articles
- Over 130M downloads in 2018

均为 SCIE 收录 (不包括2018~2019新刊)
近一半期刊的影响因子超过 5
被 Journal Citation Report (JCR)评为
“化学领域被引用次数最多的期刊”

ACS e-Books

- 1500+ peer-reviewed eBooks
- 30~35 new titles added each year
- Multi-disciplinary and for practical use. e.g. education, agriculture, polymer science, green chemical engineering...

Chemical & Engineering News (C&EN)

- C&EN - Global Enterprise platform
- Covering 2016 ~ present
- Report on latest research advances, business and policy trends, job and career information...

出版历史

1879-1950

7

New Journals
JACS, Chemical Reviews

第一本旗舰旗舰JACS

1951-1975

9

New Journals
Journal of Medicinal Chemistry, Environmental Science & Technology

1960s, 环境问题成为焦点, 新建环境类期刊

1976-2000

11

New Journals
Langmuir, Chemistry of Materials, Journal of Natural Products

交叉学科界面科学期刊Langmuir是以1935年诺贝尔奖获得者Irviing Langmuir 名字命名

纳米材料兴起, 2001年建立Nano Letters

2001-2016

21

New Journals
Nano Letters, ACS chemical Neuroscience, ACS Sustainable Chemistry & Engineering, ACS Photonics

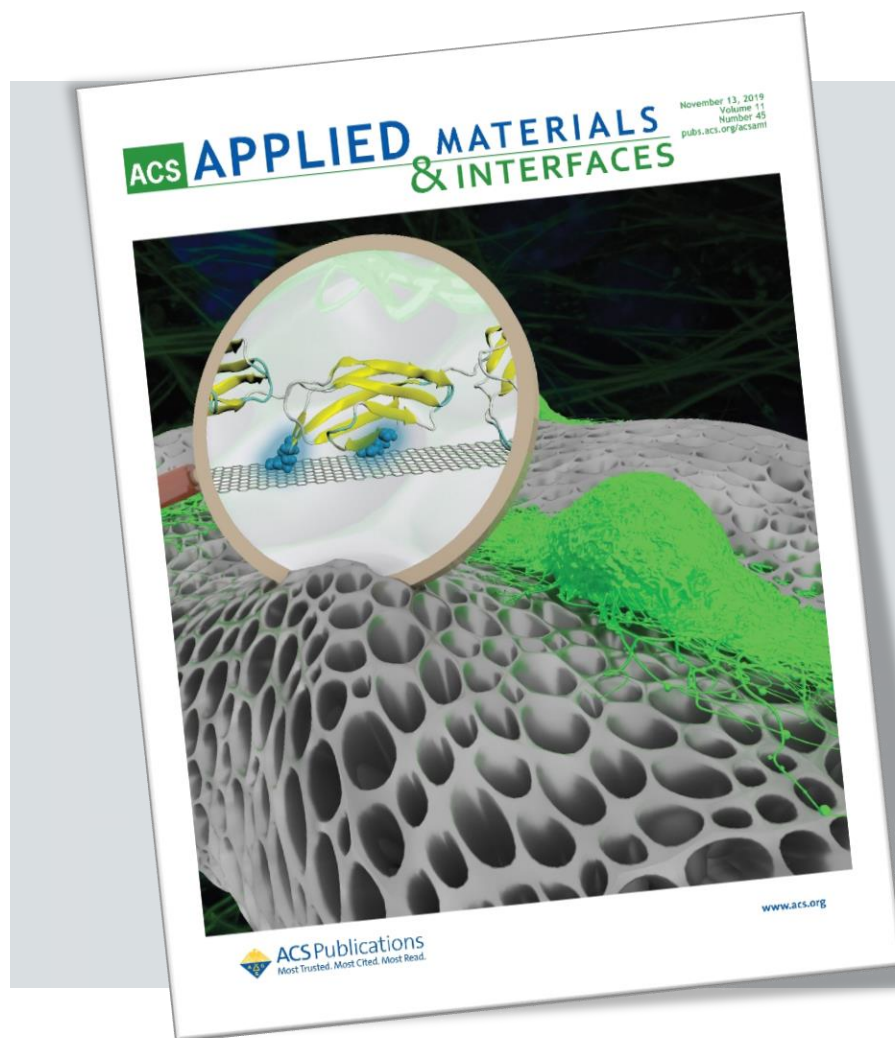
化学强烈影响医学光学的发展, 因此建立相关领域的期刊, 比如ACS chemical Neuroscience, ACS Photonics

2017-2019

11

New Journals
ACS Applied Bio/Nano/Energy/ Polymer/Electronic Materials, ACS Materials Letters

建立材料领域期刊



ACS Applied Materials & Interfaces

Editor-in-Chief

Kirk S. Schanze
Department of Chemistry,
University of Texas



Scope

- *Biological and medical applications of materials and interfaces*
- *Energy, environmental, and catalysis applications*
- *Functional inorganic materials and devices*
- *Organic electronic devices*
- *Functional nanostructured materials (including low-d carbon)*
- *Applications of polymer, composite, and coating materials*
- *Surfaces, interfaces, and applications*

新刊

ACS Applied Materials & Interfaces (IF=8.456) 旗下5本应用材料方面的新刊

ACS APPLIED MATERIALS & INTERFACES

Related Journals ▾

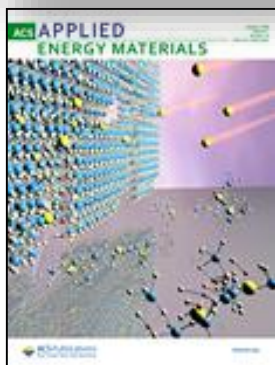
- ACS Applied Bio Materials
- ACS Applied Electronic Materials
- ACS Applied Energy Materials
- ACS Applied Nano Materials
- ACS Applied Polymer Materials

Editor-in-Chief: Kirk S. Schanze | Editors & Editoria

Impact Factor 2017: 8.097 | Citations 2017: 123,23

Volume 11, Issue 24
June 19, 2019

List of Issues ASAP Articles Current Issue Authors



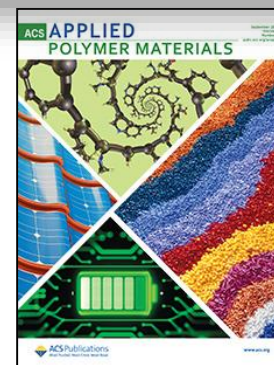
Energy



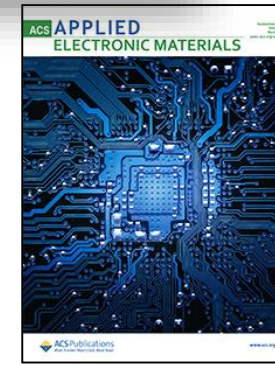
Nano



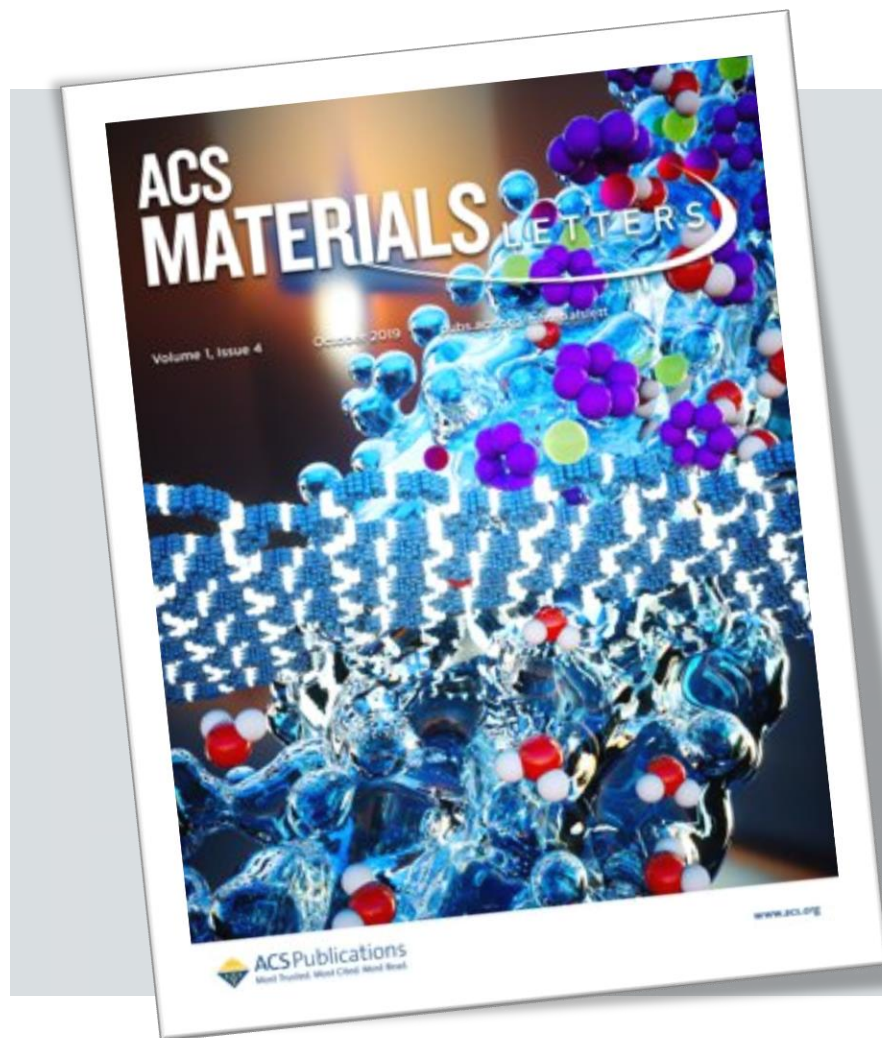
Biomaterial



Polymer



Electron



ACS Materials Letters(2019)

Editor-in-Chief

Jillian M. Buriak
Department of Chemistry,
University of Alberta

Scope

ACS Materials Letters publishes high quality and urgent papers at the forefront of both fundamental and applied research at the interface between materials science and chemistry/chemical engineering.

主要发表材料科学和化学/化工交叉领域的基础性和应用型的前沿研究



副主编 刘斌

新加坡国立大学
化学与生物分子工程系

ACS开放获取

easy to open

免费可得的学术知识

免费地获取、阅读、下载、使用和分享

非传统的订阅、付费阅览模式

OA资源入口

Most Trusted. Most Cited. Most Read.

Search publications / articles / authors / dois / keywords / etc



1,300,000 Research Articles

100,000 News Stories

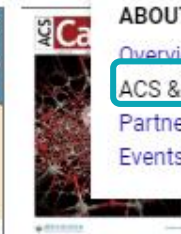
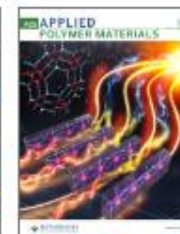
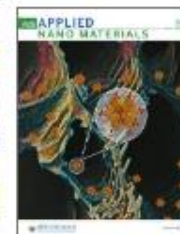
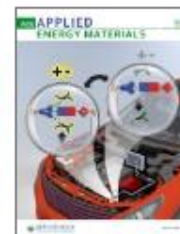
35,000 Book Chapters

1,000 References & S

Browse Publications

Grid View

List View



USER RESOURCES

- Authors & Reviewers
- Librarians & Account Managers
- ACS Members
- RSS & Mobile

SUPPORT

- Support FAQs
- Live Chat with Agent
- For Advertisers
- For Librarians & Account Managers

PAIRING

- Pair this device

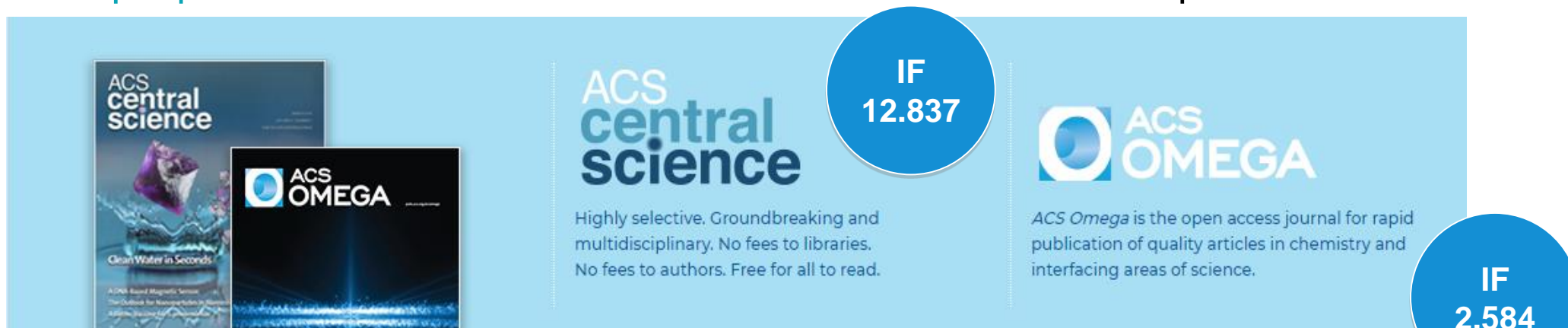
ABOUT US

- Overview
- ACS & Open Access
- Partners
- Events

开放获取资源 (OA)

- OA 期刊

- **ACS Central Science** provides open access publication with no author fee.
- highly selective, compelling multidisciplinary research
- 100-200 research articles published annually
- Rapid publication – About 11 weeks from submission to ASAP publication



The image displays two journal covers on the left: ACS Central Science (top) and ACS Omega (bottom). To the right, the ACS Central Science logo is shown with a blue circle indicating an Impact Factor (IF) of 12.837. Below the logo, text reads: "Highly selective. Groundbreaking and multidisciplinary. No fees to libraries. No fees to authors. Free for all to read." To the right of that, the ACS Omega logo is shown with a blue circle indicating an IF of 2.584. Below the logo, text reads: "ACS Omega is the open access journal for rapid publication of quality articles in chemistry and interfacing areas of science."

- **ACS Omega** provides open access publication with \$750 flat fee
- publishing new findings in chemistry and interfacing areas of science
- Rapid publication – submission to first decision in 30 days!
- got its first IF in 2019

开放获取资源 (OA)

- 发表OA文章
- **ACS AuthorChoice** offers expanded options for authors and **partner funders** to make articles open access at a reasonable price
- Provided to **Corresponding Authors** only
- **After editorial acceptance** of an article



The image shows two promotional banners for ACS open access programs. The left banner features the 'Ac' logo and the text 'ACS AUTHORCHOICE' with the description 'Publish open access with a full menu of options from ACS.' The right banner features the 'Ec' logo and the text 'ACS EDITORS' CHOICE' with the description 'A new research article every day, selected by ACS Editors, free to access.' The background of the banners is light blue with a pattern of translucent spheres.

- **ACS Editors' Choice** releases one article of significance to the global community every day (totally free of charge).
- Articles of this program can be filtered by **journal title**.
- Now you can also **filter out** the **most-read** or **most-cited** articles of this program!



ACS Publications
Most Trusted. Most Cited. Most Read.

ACS的平台高效使用

检索

出版物类型

CONTENT TYPES

All Types

Journals

Books and Reference

News

检索栏

Most Trusted. Most Cited. Most Read.

Search publications / articles / authors / dois / keywords / etc

刊名、文章、作者、DOI、关键词

Journals

Volume

Page

ACS Earth and Space
Chemistry

ACS Energy Letters

ACS Infectious Diseases

ACS Macro Letters

1,300,000 Research Articles

35,000 Book Chapters

1,000 References & Standards

SUBJECTS 学科分类

- Analytical
- Applied
- Biological
- Materials Science & Engineering
- Organic-Inorganic
- Physical

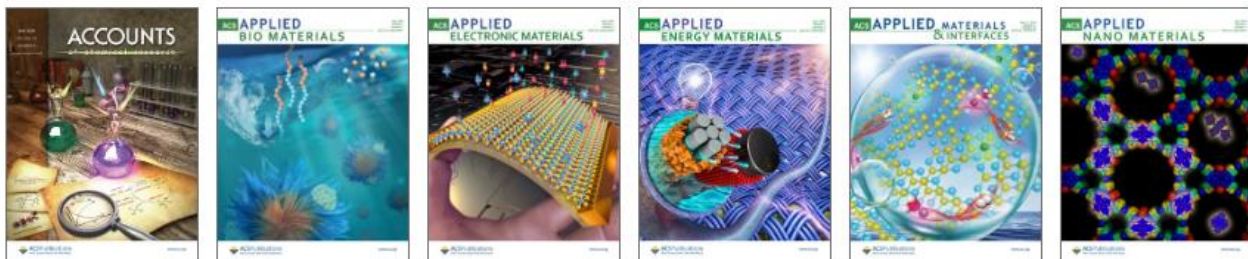
C&EN Global Enterprise

ACS Central Science
ACS Chemical Health & Safety
ACS Omega
ACS Sensors
Analytical Chemistry
Chemical Reviews
Environmental Science & Technology
Environmental Science & Technology Letters
Journal of Chemical Education
Journal of Proteome Research
Journal of the American Chemical Society

Browse Publications

Grid View

List View



资源列表

检索示例

NARROW RESULTS

CONTENT GROUP TYPE

CONTENT TYPE

ARTICLE TYPE

文章类型

PUBLICATION DATE

AUTHOR

作者

Grey, Clare P 103

Amine, Khalil 99

Cui, Yi 99

Sun, Yang-Kook 97

Manthiram, Arumugam 86

MORE (20)

PUBLICATION

出版物

ACS Applied Materials & Interfaces 2609

The Journal of Physical Chemistry C 1523

Chemistry of Materials 1327

ACS Nano 617

RESULTS: 1 - 20 of 11395 检索结果

Follow results:

REFINE SEARCH

PER PAGE: 20 50 100

SORT: RELEVANCE

1 2 3 4 5 6 7 >

Article

- 发现领域内的高产出研究者
- 选择同行审稿专家
- 选择潜在的合作者

Publication Date (web), March 5, 2015

DOI: 10.1021/ed300533f

Abstract

Full text

PDF

ABSTRACT

- 领域内发文较多期刊
- 拟投期刊的选择参考

Article

Safer lithium-ion battery packs an energy punch

Prachi Patel

C&EN Global Enterprise 2019, 97, 19, 8 (Article)



JOURNAL OF
CHEMICAL EDUCATION

检索

NARROW RESULTS

RESULTS: 1 - 20 of 11341

Follow results: 🔍 | 📡

CONTENT GROUP TYPE ^

REFINE SEARCH ^

PER PAGE: 20 50 100 | SORT: RELEVANCE ▾

5

Advanced Options Search History Saved Searches

1

Anywhere ▾

"lithium ion battery"

2

Title ▾

Enter Search term

3

Published in

e.g. Journal of The American Chemical Society

4

Access Type

All Content

Open Access Content

ACS Author Choice

ACS Editors' Choice

C&EN Archives Options

Include Tables of Contents in search results

Include full-page advertisements in search results

Publication Date

All dates

Last

Select ▾

Custom range

Month ▾

Year ▾

Month ▾

Year ▾

Filter by issue type

Articles ASAP (As Soon As Publishable)

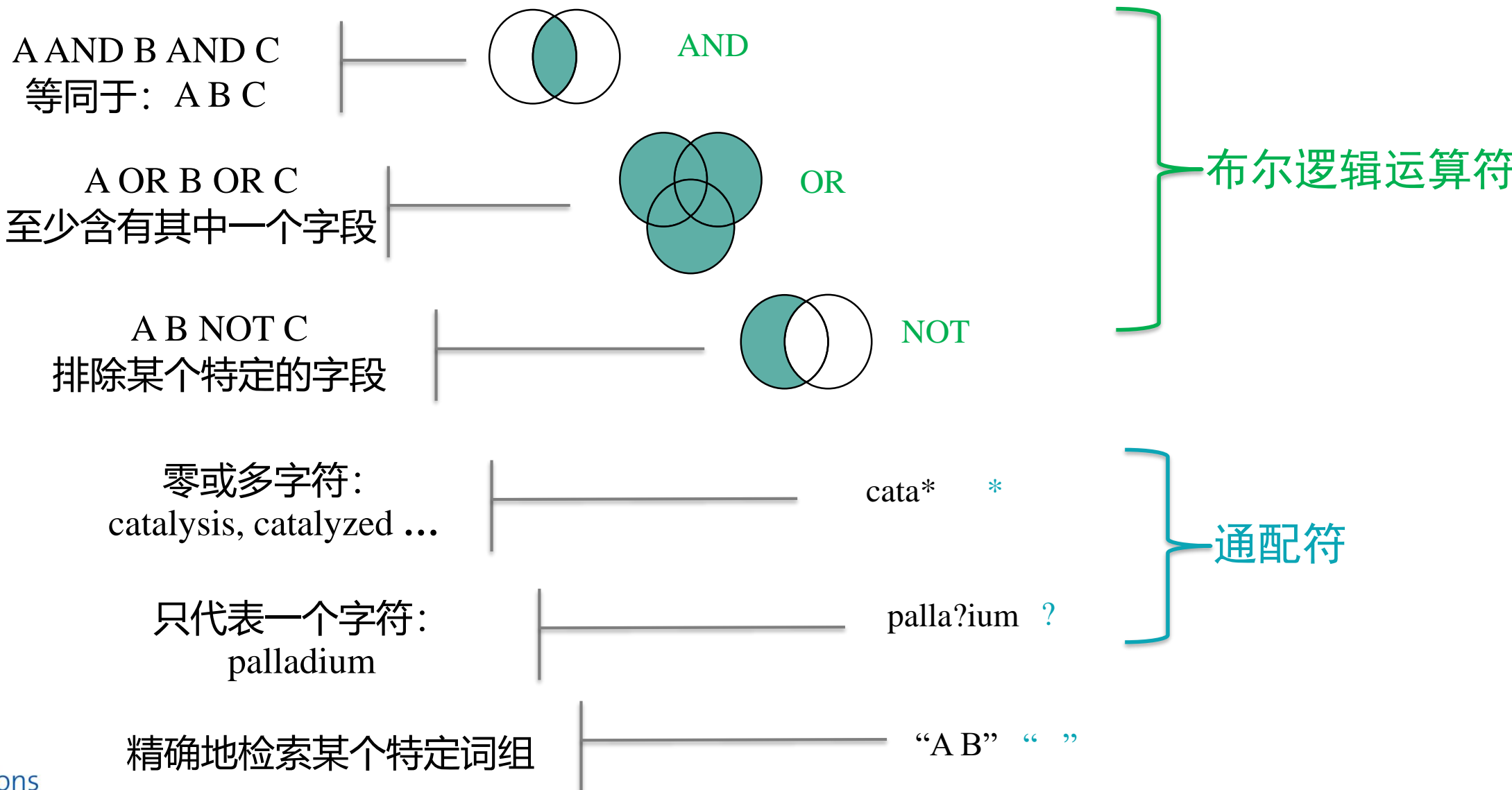
Just Accepted Manuscripts

Search

1. 设置检索条件：标题/作者/摘要/图表注解；
2. 检索出版物；
3. 在开放获取内容（OA）中检索；
4. 设置发表时间范围；
5. 快速找到近期检索历史

保存检索结果

检索式



检索示例

检索关键词：lithium ion battery（范围过大）

构造检索式：可充电式的锂离子电池材料（合适字段，调整检索式）

检索式 → Recharge* "lithium ion battery" material

可充电式 锂离子电池 材料



Recharge*"lithium ion battery"material 检索结果

My Activity

Publications



NARROW RESULTS

RESULTS: 1 - 20 of 342

Follow results:

FILTERS APPLIED

REFINE SEARCH

PER PAGE: 20 50 100 | SORT: RELEVANCE

期刊页面

● 期刊简介



Editor-in-Chief: Prashant V. Kamat
E-mail: eic@energylett.acs.org

[View Editorial Board](#)

Available online only
Web Edition ISSN: 2380-8195

[View Publication Information in Current Issue](#)

2018 Impact Factor: 16.331
2018 Total Citations: 10,134

Preparing for Online Submission

- [Author Checklist \[PDF\]](#)
- [Author Guidelines \[PDF\]](#)
- [Document Templates](#)
- [Specifications for Graphics, Acceptable Software, & TeX/LaTeX](#)
- [Copyright & Permissions](#)
- [ACS AuthorChoice, Funded Research Options, Other Services & Policies](#)
- [Submit a Manuscript](#)

期刊页面

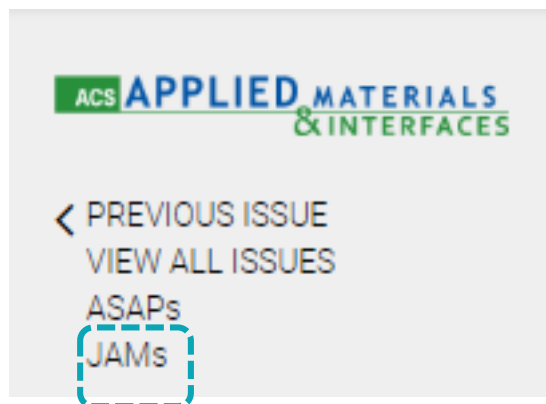
- 期刊最新文章浏览



- [ASAP](#) (As soon as publishable)
- **peer-reviewed and revised**
- posted online **immediately after** technical editing and author proofing
- **citable** by DOI

- [JAMs](#) (Just accepted manuscripts)
- **peer-reviewed and accepted** for publication
- posted online **before** technical editing and author proofing, not the final version
- **citable** by DOI
- JAMs are opened to research

发表在“刚刚被接受”网站上的手稿并不是最终的科学版本记录，“刚刚被接受”的稿件与ASAP文章具有相同的DOI acceptance



文章页面

- 页面信息

RETURN TO ISSUE | < PREV ARTICLE NEXT >

High-Performance Asymmetric Supercapacitor Based on Graphene Hydrogel and Nanostructured MnO₂

Hongcai Gao, Fei Xiao, Chi Bun Ching and Hongwei Duan*

View Author Information ▾

✔ Cite This: *ACS Appl. Mater. Interfaces* 2012, 4, 5, 2801-2810

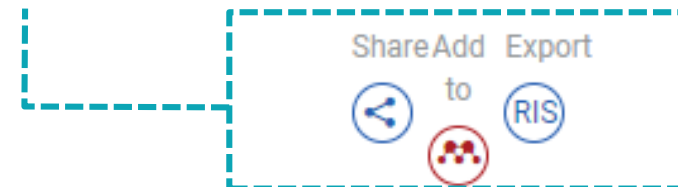
Publication Date: April 30, 2012 ▾

<https://doi.org/10.1021/am300455d>

Article Views	Altmetric	Citations
11995	4	458

LEARN ABOUT THESE METRICS

- 分享转载
- RIS文件格式下载, 文献管理



Publication History

- Received 13 March 2012
- Accepted 30 April 2012
- Published online 4 May 2012
- Published in issue 23 May 2012

© 2012 American Chemical Society
[ARTICLE PERMISSIONS](#)

Read Online

PDF (5 MB)

Supporting Info (1) »

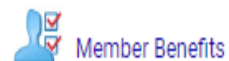
订阅提醒设置



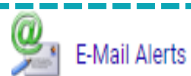
Subscription Information

Stay up-to-date with subscriptions to the world's most trusted, most cited, most read publications in the chemical and related sciences.

The options in the left-hand navigation allow you to manage your profile in the following ways:



View your current publication access balance and history.



Sign up for and manage your Journal TOC, article, and Citation E-Mail Alerts.



Access and manage the searches you have saved on the ACS Publications website.



Activate access tokens for sponsored access to content.



Edit your personal profile information, including your e-mail and password.

MY ACCOUNT

Home

Member Benefits

E-Mail Alerts

Saved Searches

Activate a Token

Edit Profile

引文跟踪:

追踪与自身研究很契合的文章，持续关注该文的引用情况，了解最新研究动向，亦可关注自身发文的引用情

E-Mail Alerts

New content alerts

Citation alerts

1. Journal Alerts

Email alerts will be sent to yantou.

Any edits made to the journal alert section.

Add Journal

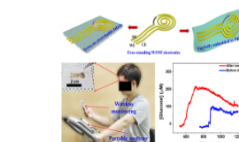
期刊订阅:

及时追踪该刊最新的发文情况，了解最新研究动态

Publication Date (Web): February 27, 2019
DOI: 10.1021/acsami.8b20583

Abstract Full text PDF

ABSTRACT





ACS Publications
Most Trusted. Most Cited. Most Read.

ACS的投稿与写作

发文作者区域分布



ACS期刊的中国编辑和编委

85 Editors (Editor-in-Chief, Associate, and Topic)

Chinese Academy of Sciences	21
Peking University	9
Tsinghua University	7
Zhejiang University	6
Fudan University	4
Shanghai Jiao Tong University	3
Soochow University	3
University of Science and Technology of China	3
Xiamen University	3
The Chinese University of Hong Kong	2
The Hong Kong University of Science and Technology	2
The University of Hong Kong	2
Tianjin University	2
Wuhan University	2
Others	16



Professor Deqing Zhang,
Ph. D
中科院化学所
ACS Omega **主编**

200+ Editorial Advisory Board members

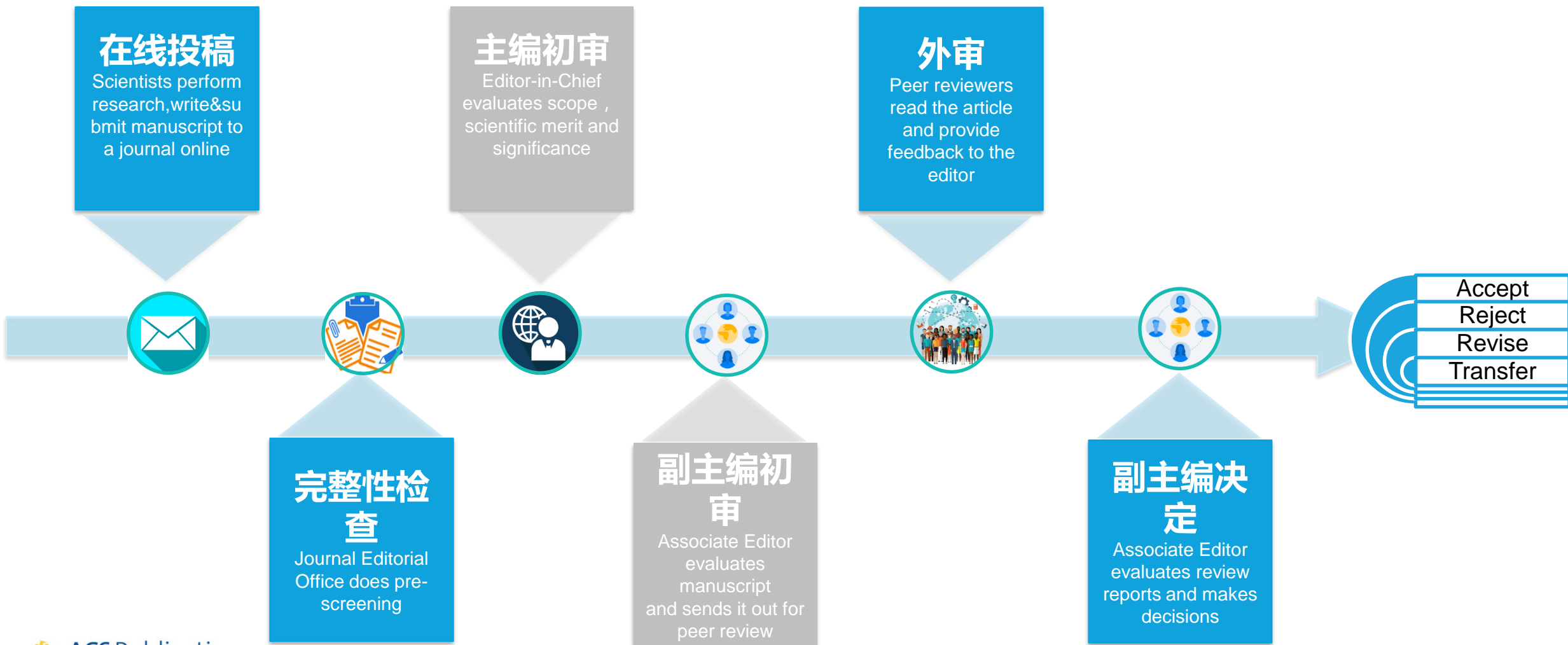
审稿



ACS期刊审稿流程是什么样的?

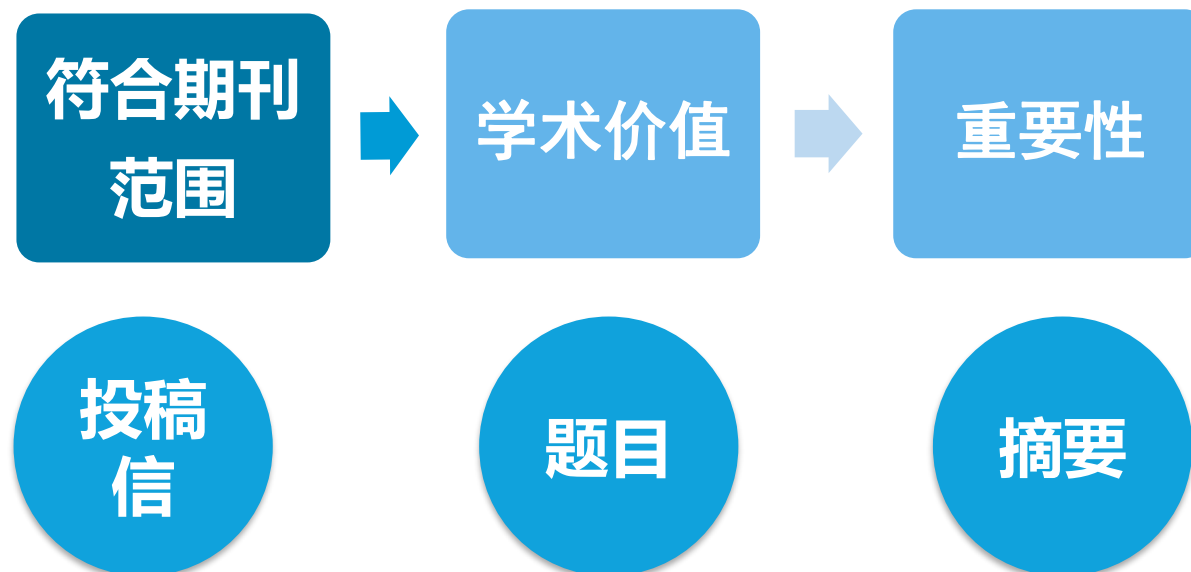
每一步都需要注意哪些关键点?

ACS期刊审稿流程



初审编辑看三点...

初审 保证那些很可能在该期刊上发表的文章送外审



重视投稿信

强调 重要！ 新颖独特！ 适合！ --与之前发表成果与之不同

- 最主要的目的以一种**不那么正式**的形式来“**说服**”编辑这项工作值得进行同行评议（外审），对文章“**正式**”内容的补充;
- 将研究成果“**推销**”给处理论文的编辑的绝好机会，利用这个机会简单明确地阐明。

投稿信

Dear Editor,

Its my paper “XXX”. Please publish it as soon as possible.

Author Name

Dear **Professor Bertozzi**,

正确的主编或副主编

We wish to submit our manuscript “**TITLE**” for publication in “**ACS Journal**”.

文章题目和目标期刊

We describe a new, non-natural enzyme-catalyzed reaction, aziridination of olefins via intermolecular nitrene transfer. **We discovered** that a variant of cytochrome P450BM3 **used in our previous** studies of intermolecular sulfimidation also catalyzes aziridination. **We were able to improve this activity** more than 50-fold and the enantioselectivity of enzyme-catalyzed aziridination was improved to 99% ee for a range of styrenyl substrates.

概括重要发现和结论

This work should be of interest to the broad audience that “ACS Journal” wishes to reach. It touches on evolution ---- how new enzyme activities can appear and be improved through evolution ---- as well as Inorganic catalysis, biocatalysis, and chemical synthesis.

阐明研究影响力，紧扣期刊主题

标题的艺术

作用

- Attracts potential audience
吸引读者
- Aids in retrieval and indexing
文献索引

内容

- 引人注目的标题，用尽可能少的语言描述你的结果/发现，少即是多，<20字
- 慎用形容词和无效的词. Like “first”, “novel”, “new”, “only”, “on the”
- 全称
- 尽量不用疑问句
- 组合核心字段
- 实验室内部讨论

摘要

作用

- 帮助读者理解研究范围, 是否继续读全文
- 文献索引

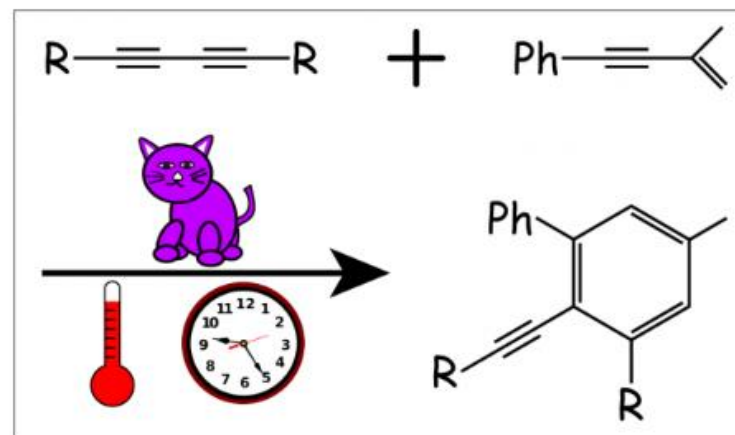
内容

- 言简意赅
- 独立
- 信息全面
- 不引用参考文献和图表

目录图表 (TOC)

目录图表是否与内容匹配并且合适

TOC图应抓住读者的注意力，给读者一个快速直观的视觉印象，简单且信息丰富，直观地描述研究工作，让读者抓住中心思想。



所示的图形概要(TOC)没有足够的信息来让读者理解研究内容

图题

- 图题与图片是密切相关的整体，为读者提供数据收集和分析的细节，帮助理解材料
- 提供实验数据的具体实验条件

Figure 1

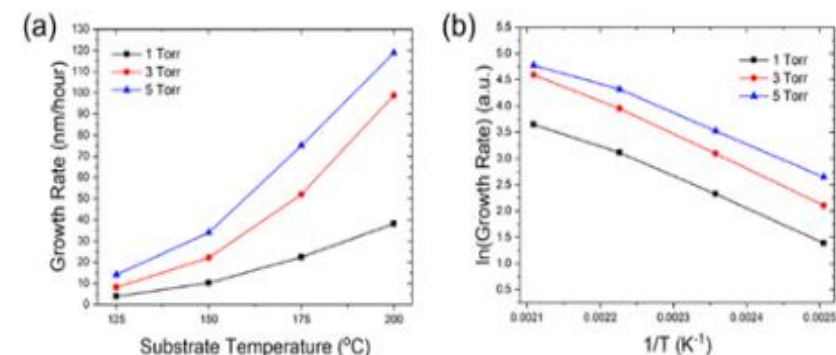


Figure 1. (a) Temperature dependent growth rate plot at different process pressures. (b) Arrhenius plots and linear fits at different process pressures and at a constant substrate temperature of 200 °C.

“Absorption and emission spectra of semiconductor QDs”

浓度多少？是溶液还是膜？光谱是在随机的条件还是在惰性气氛下？激发波长多少？

图表是传递科学信息的关键部分，表述不清的图表可能会让文章的质量大打折扣

图题

图题的第一句要描述图片是什么。比如荧光光谱，后面加上样本描述。样品描述应包括浓度和溶剂等。

What about

数据收集时所使用的实验条件。例如温度和压力；激发波长；扫描速率等等。

Experimental conditions

定义图中使用的任何符号或首字母缩略词。注意，某些符号在不同的学科中有不同的定义

Define Symbols

正确标记所有数据点。错误标记的图表可能会导致错误的结论，并增加审稿人给出负面评价可能性

Identify All Data Points

尽量不要在图题中使用颜色标识，因为颜色随屏幕分辨率和打印机而变化。最好用 a, b, c 等图例或可辨别的符号来识别

Attention to color-code

指出图中曲线（如果有）是否是实际拟合线，还是为了吸引读者注意。

Indicate Curves

如果存在插图，也要在图题中对其进行描述，并清楚地描述实验或分析的详细信息。

Inset

如果是以前发表过的图，需要在图题中引用其来源。当然记得取得该图形的任何必要的版权许可

Published Graphics

实验部分

ACS NANO

For research to have longevity and the greatest impact, others must be able to replicate it so that they can build on it and take it in new directions.

- 使用试剂，试剂来源，纯度
- 描述具体的步骤如何做实验，数据的分析，计算方面提供代码

够嘛？

学术道德




1. 剽窃或自我剽窃
2. 潜在的一稿多投
3. 篡改, 伪造或捏造数据或图表

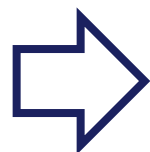
如果已经发表也可能面临撤稿!!


论文查重

包括ACS在内的国际主要出版机构和大部分SCI期刊都使用iThenticate/CrossCheck审查稿件。




 大部分SCI、SCI-E期刊使用该系统审查稿件



 86%的期刊编辑依靠iThenticate检测结果做出评判*



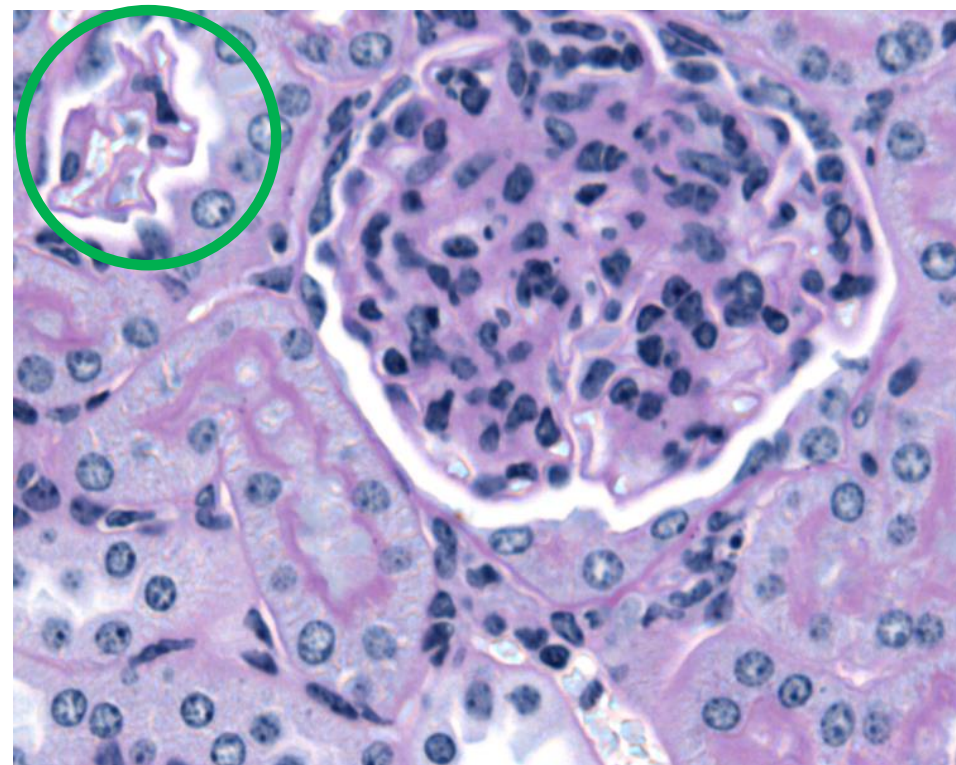
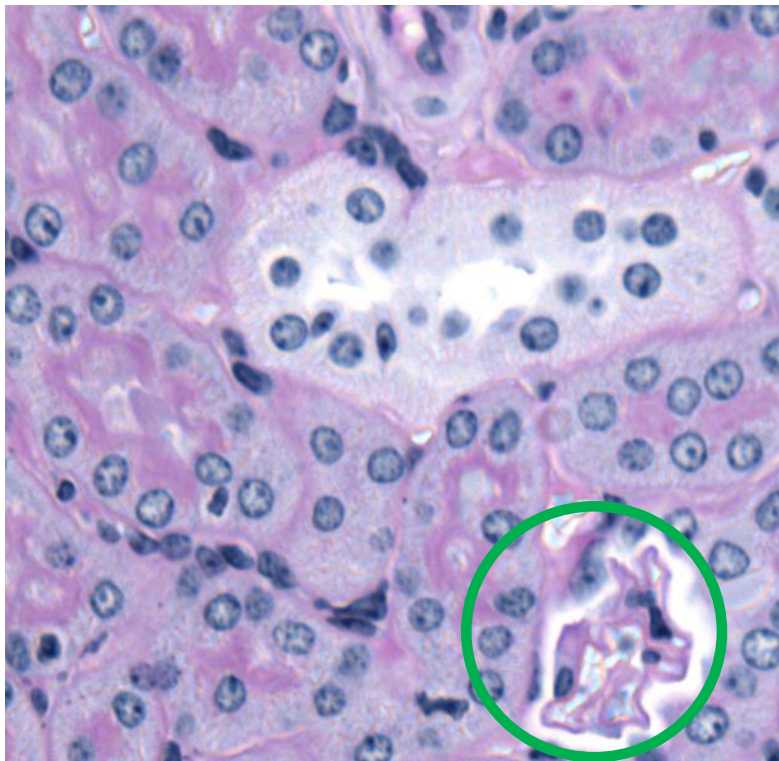
 高重复率可能被：
! 拒稿
! 认定抄袭
! 更严重后果...

除开故意的情况，高重复率经常来自容易被忽略的**误区**，比如：

- 重复使用自己（或团队）已经发表论文中的内容，未做明示，即自我（或团队）抄袭。
- 不当引用，包括转引、漏引。或标注了引用，但是使用的是原文而不是自己的归纳总结。
- 母语非英语的作者，借鉴模仿英语句式结构，原句照搬。
- 综述论文、论文的材料和方法部分，容易出现高重复率。

图片查重

Image checking software



谁是审稿人

确保评审过程公平！！

审稿专家库

作者推荐

- 期刊数据库审稿人
- 来自参考文献的研究者

避免:

- 朋友
- 目前的合作者
- 任何有利益冲突的人



如何回复评审意见

- 根据建议进行修改
- 对照意见逐条回复:所有问题进行彻底性分析和解
- 要有礼貌和理性, 使用中性语言
- 所修改的部分要说明标注

免费审稿培训



- 6个交互模块(视频、文本、信息图、练习和评估)
- 由ACS编辑和ACS出版人员精心设计
- 中文版

www.acsreviewerlab.org



审稿人实践培训。

ACS 审稿人实验室是一项免费在线课程，旨在使科研人员了解进行优质同行评议的行为准则。此课程时长4小时，现处于 Beta 测试阶段。此课程通过互动式模块教学，探讨了同行评议的基础知识、道德准则以及撰写一流评审的实践指导。欢迎您对此 Beta 测试版本课程的各方面提出宝贵意见，我们重视您的反馈并将持续改进。

START HERE



六大模块



1. 同行审稿介绍

什么是同行审稿？了解同行审稿的基本知识及其在学术出版中的关键作用。



2. 同行审稿的道德准则

学习如何应对在同行审稿过程中可能出现的有争议道德问题、潜在的利益冲突和个人偏见。



3. 审稿准备

每份期刊都各具特色，科技文献也在不断发展。评估稿件前做好准备工作，有助于更全面深入地审稿。



4. 评估意义和技术质量

审稿人的关键职责是评估稿件的科学性和可能产生的影响。了解如何有效衡量影响力和评价技术质量。



5. 评估表达和出版规范

文章表达非常关键。使用课程中的工具评估稿件整体表达，并识别安全性和数据方面潜在的问题。



6. 撰写审稿报告

优质的审稿包含哪些因素？学习如何写出一篇优质审评并清晰地表达您的观点。



CONGRATULATIONS TO
THE WINNERS OF THE 2019

NOBEL PRIZE IN CHEMISTRY



Congratulations to 2019 Nobel Prize
in Chemistry Winners John B.
Goodenough, M. Stanley
Whittingham, and Akira Yoshino

- ACS Axial 科学交流的在线播客平台
- **Journal News**
- **Free Research Highlights**
- **Advice on submitting your Research**
- **Find White papers, e-books and webinars**
- **Career Advice for Chemists**
- **Interviews, Editorials, videos, podcasts**
- **ACS National Meetings, ACS on Campus**



ACS Publications
Most Trusted. Most Cited. Most Read.

ACS出版物平台

<https://pubs.acs.org/>

ACS投稿信息

<https://publish.acs.org/publish/>

欢迎关注!

ACS 培训交流QQ群

487350036



ACS 数据库培训小调查

请微信扫下方二维码

感谢您的配合



任何问题欢迎联系!

朱苗

alisa@igroup.com.cn



ACS Publications
Most Trusted. Most Cited. Most Read.

