



ACS Publications
Most Trusted. Most Cited. Most Read.

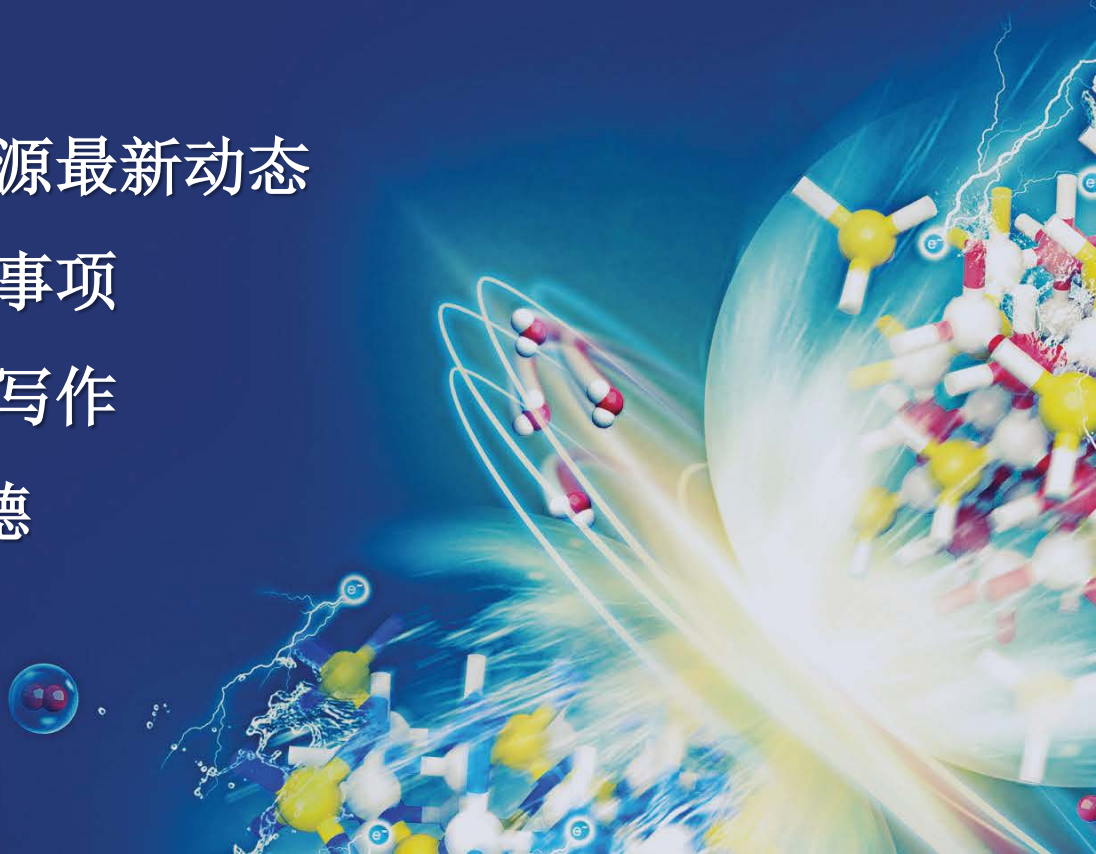


探索 ACS 数据库学术资源 助力科研写作与发表

主讲人：赵璟 ACS数据库培训师
2024年5月22日 安徽工程大学



1. ACS 数据库学术资源最新动态
2. ACS 期刊投稿注意事项
3. ACS 期刊科技论文写作
4. 同行评审与学术道德





ACS Publications

Most Trusted. Most Cited. Most Read.

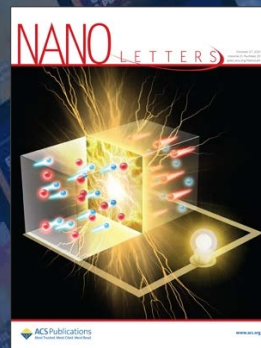
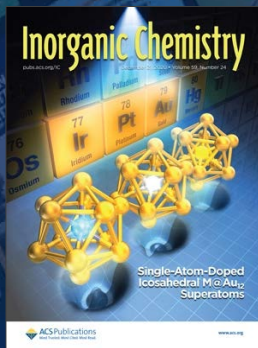


ACS Publications

数据库学术资源最新动态



ACS Publications Most Trusted, Most Cited, Most Read



ACS 美国化学学会出版 70 多种高品质的专业科学期刊，共 130 多万篇期刊文章，总被引次数超过 440 万，是化学领域里被引用次数最多的期刊。

---- JCR 期刊引证报告

WE COVER EVERY ASPECT OF CHEMISTRY

ACS 的很多期刊是跨学科的，涵盖了广泛的研究领域课题的前沿研究成果。研究需要寻求的答案可能不仅限于一种 ACS 期刊。

ACS 期刊涵盖的学科领域包括但不限于：

无机化学

物理化学

能源

农业与食品化学

有机化学

理论与计算化学

催化

生物与药物化学

有机金属化学

高分子科学

材料科学

化学工程与工业化学

分析化学

化学教育

纳米科学

地球、空间与环境化学



Journal of the American Chemical Society 美国化学会志

Impact Factor: 15.0 | Citations: 580,144



2022 IMPACT FACTOR

15.0

美国化学会志 **JACS** 创刊于 1879 年，是美国化学会的旗舰期刊，也是世界上所有化学和科学交叉领域的杰出期刊。

JACS 是化学领域里被引用次数最多的跨学科化学期刊，目前每年发表大约 2500 篇科研文章，每周出版一期。

发表化学各个领域里顶尖的基础和应用研究成果。

期刊收录研究方向：化学，化学综合
Indexed in: CAS, SCIE, Scopus, PubMed, etc.

Chemical Reviews 化学评论

Impact Factor: 62.1 | Citations: 231,674



2022 IMPACT FACTOR

62.1

Chemical Reviews 是最受推崇同时也是排名最高的期刊之一，涵盖了化学学科所有的研究领域，为有机化学，无机化学，物理化学，分析化学，理论化学和生物化学各领域的重要研究提供全面，权威，关键和可读性强的综述文章。

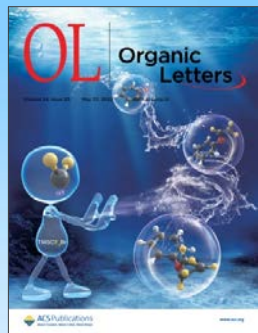
除了综述文章以外，期刊定期出版权威专题，重点关注新兴研究领域的单一主题或方向。

期刊收录研究方向：化学，化学综合
Indexed in: CAS, SCIE, Scopus, PubMed, etc.

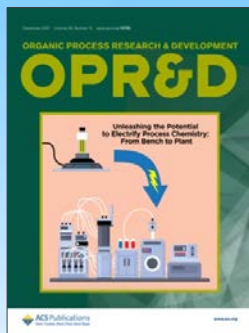
Basic Science of Chemistry 化学的基础科研领域



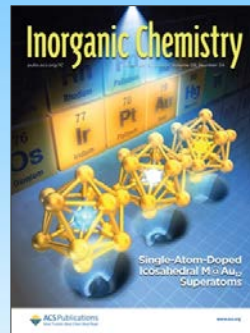
有机化学



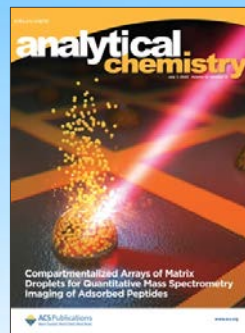
有机快报



有机工艺



无机化学



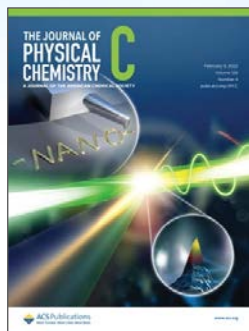
分析化学



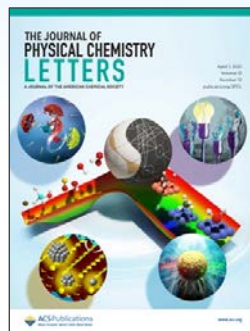
物理化学 A



物理化学 B



物理化学 C

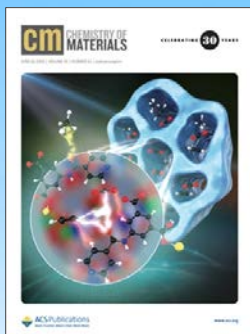


物理化学快报



化工研究

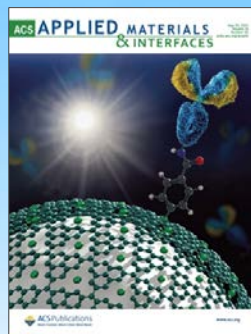
Materials Science & Engineering 材料科学与工程



材料化学



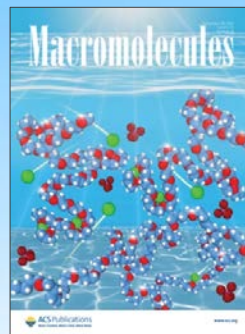
材料快报



应用材料&界面



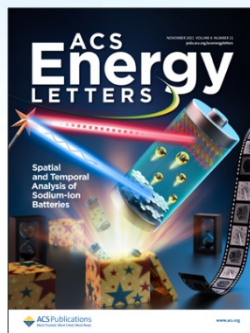
纳米材料



高分子材料



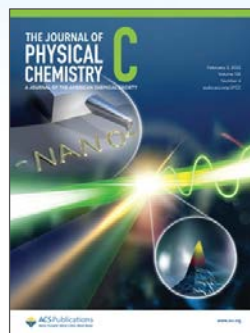
生物材料



能源材料快报



催化科学



材料物理化学



材料综述

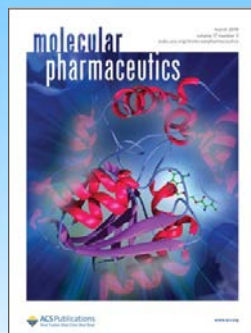
Pharmaceuticals 药物化学



药物化学领域的
顶级期刊



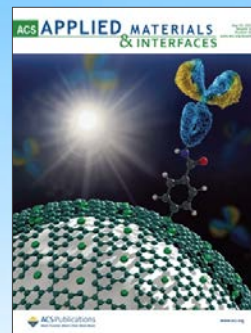
药物化学快报



分子药剂学



药物制剂



界面现象&应用



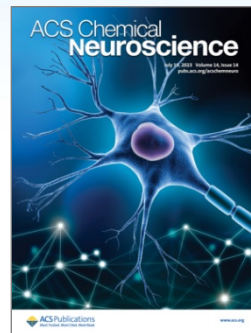
天然产物研究



毒理学



药学与转化科学

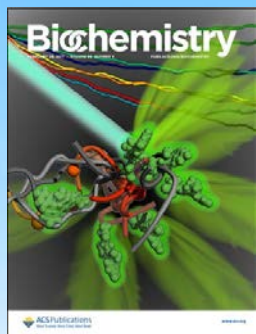


化学神经科学



传染病研究

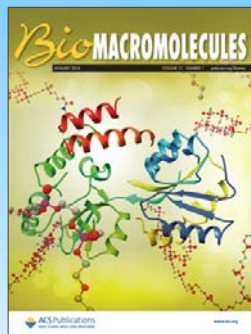
Biotechnology 生物技术



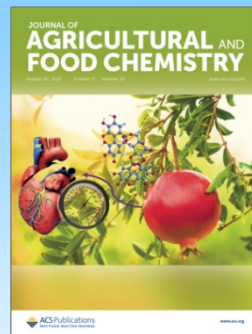
生物化学



生物共轭化学



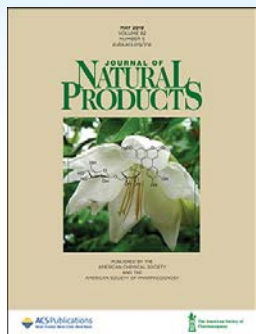
生物大分子



农业&食品科学



生物材料



天然产物研究



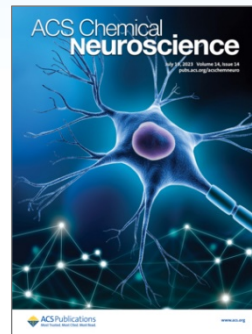
蛋白质组学



合成生物学

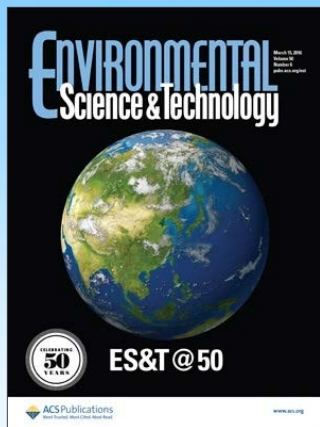


化学生物学



化学神经科学

Environmental Science 环境科学与技术



*Environmental
Science &
Technology*

IMPACT FACTOR
11.4



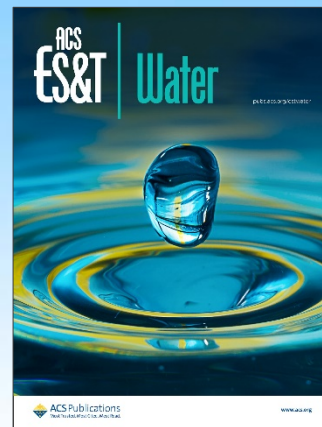
*Environmental
Science &
Technology Letters*

IMPACT FACTOR
10.9



*ACS ES&T
Engineering*

IMPACT FACTOR
7.1



*ACS ES&T
Water*

IMPACT FACTOR
5.3



*ACS Earth and
Space Chemistry*

IMPACT FACTOR
3.4



ACS Publications

Most Trusted. Most Cited. Most Read.



ACS Publications 期刊投稿注意事项



期刊投稿的定位和选择

ACS 高影响力期刊

JACS, Chemical Reviews, ACS Central Science, ACS Catalysis, ACS NANO ...

ACS 专业科学期刊 (各学科领域)

有机化学 The Journal of Organic Chemistry, Organic Letters, OPR&D

分析化学 Analytical Chemistry, ACS Sensors

药物化学 Journal of Medicinal Chemistry, Molecular Pharmaceutics

生物化学 Biochemistry, ACS Synthetic Biology, Journal of Natural Products

ACS 高影响力期刊

发表化学相关学科领域的著作，要求其研究工作达到领域的较高水准和具备新颖性。



15.0
Impact
Factor

跨学科化学



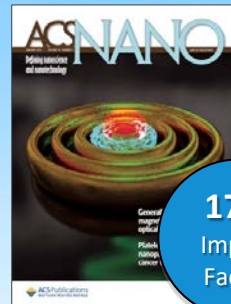
62.1
Impact
Factor

化学综述



18.2
Impact
Factor

化学前沿



17.1
Impact
Factor

纳米科学



12.9
Impact
Factor

催化科学



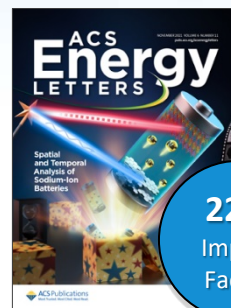
11.4
Impact
Factor

环境科学



11.4
Impact
Factor

材料快报

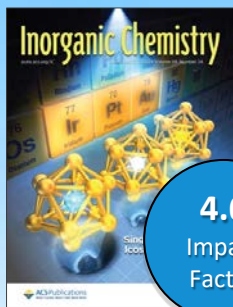


22.0
Impact
Factor

能源快报

ACS 专业科学期刊

要求该研究在科学上是有效的，但不过于要求研究工作的重要性或新颖性。



4.6

Impact
Factor

无机化学



5.2

Impact
Factor

有机化学



7.4

Impact
Factor

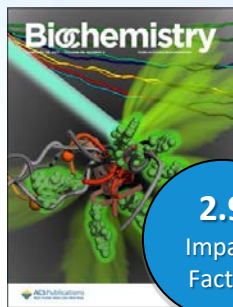
分析化学



5.5

Impact
Factor

高分子科学



2.9

Impact
Factor

生物化学



5.1

Impact
Factor

天然物研究



6.1

Impact
Factor

农业与食品科学



3.4

Impact
Factor

地球化学

ACS Publishing Center 投稿平台

publish.acs.org/publish

ACS Publishing Center

Everything you need to prepare and review manuscripts for ACS journals.

Log in to view the status of your submitted work, manuscripts you are reviewing, and performance of published articles.

Login

Don't have an ACS ID? [Register Now](#)

Whatever happened to that manuscript you reviewed?

You gain access to a wealth of data when you log in to the ACS Publishing Center.

步骤 1
注册 ACS ID

Journal Guidelines And Templates

Everything you need to prepare and submit your manuscript

Journal of Agricultural and Food Chemistry

Looking for information on book publishing?

Get the basics here.

步骤 2
选择 ACS 期刊
进行投稿

JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY

The *Journal of Agricultural and Food Chemistry* publishes high-quality, cutting-edge original research representing complete studies and research advances dealing with the chemistry and biochemistry of agriculture and food.

More about *Journal of Agricultural and Food Chemistry*

For Authors & Reviewers

[Author Guidelines](#)
[Prior Publication Policy](#)
[Copyright](#)
[Permissions](#)
[Open Access Compliance](#)
[Open Access Options](#)

For Reviewers

[Submit Manuscript](#)

步骤 3
作者投稿指南

步骤 4
上传稿件

Include All Required Documentation

Include all journal-required documentation with your submission. Select **Submission & Authoring in ACS Paragon Plus Environment** to find out more about this system.

Select each file designation description for information.

Manuscript
File

Graphic for
Manuscript

Journal
Publishing
Agreement

Supporting
Information for
Publication

Supporting
Information for
Review Only

Other Files for
Editor Only

Web Enhanced
Objects

投稿步骤 Step 1

Step 1

类型 Type
标题 Title
摘要 Abstract

类型 Type

研究 Research Article
快报 Letter
观点 Perspective
综述 Review

Submission

Step 1: Type, Title, & Abstract >

Step 1: Type, Title, & Abstract

Authors are asked to review the [Information for Authors](#), and to adhere to these guidelines when submitting manuscripts.

In publishing only original research, ACS is committed to deterring plagiarism, including self-plagiarism. ACS Publications uses the Crossref Similarity Check Powered by iThenticate to screen submitted manuscripts for similarity to published material. Note that your manuscript may be screened during the submission process. [Learn more.](#)



* = Required Fields

* Type:

CHOICE	TYPE
<input type="radio"/>	Additions and Corrections
<input type="radio"/>	Article
<input type="radio"/>	Correspondence/Rebuttal
<input type="radio"/>	Letter
<input type="radio"/>	Perspective
<input type="radio"/>	Review

使用 iThenticate
进行查重检测

投稿步骤 Step 1

Step 1

类型 **Type**
标题 **Title**
摘要 **Abstract**

The screenshot shows the submission interface for Step 1. On the left is a navigation menu with the following steps:

- Submission
- Step 1: Type, Title, & Abstract >
- Step 2: File Upload >
- Step 3: Authors & Institutions >
- Step 4: Reviewers & Editors >
- Step 5: Details & Comments >
- Step 6: Review & Submit >

The main form area contains the following sections:

- * Title**: A text input field with a character count of 0 OUT OF 400 CHARACTERS. A 'Preview' button and a 'Special Characters' icon are located above the field.
- * Abstract**: A text input field with a character count of 0 OUT OF 4000 CHARACTERS. A 'Preview' button and a 'Special Characters' icon are located above the field.
- Special Issue Selection (By Invitation Only)**: A section with the instruction 'If your paper is for a special issue, please select which issue:' and a dropdown menu labeled 'Select...'.

标题 **Title**

给自己的文章起一个引人注目的标题。

摘要 **Abstract**

通常不超过 250 英文单词，具体看稿件要求。

投稿步骤 Step 2

Step 2

File Upload
上传文件

Submission

- Step 1: Type, Title, & Abstract >
- Step 2: File Upload >
- Step 3: Authors & Institutions >
- Step 4: Reviewers & Editors >
- Step 5: Details & Comments >
- Step 6: Review & Submit >

Files 0.00 OUT OF 244.14 MB

ORDER	ACTIONS	FILE	* FILE DESIGNATION	UPLOAD DATE	UPLOADED BY
No files uploaded					

Update Order Remove All Files

File Upload

SELECTION	FILE DESIGNATION
Select File 1 ...	* Manuscript File
Select File 2 ...	Choose File Designation ...
Select File 3 ...	Choose File Designation ...
Select File 4 ...	Choose File Designation ...
Select File 5 ...	Choose File Designation ...
Select File 6 ...	Choose File Designation ...

Choose File Designation ...

- Choose File Designation ...
- Cover Art
- Cover Art Caption
- Graphic for manuscript
- Manuscript PDF File
- Other files for Editors only
- Supporting Information for Publication
- Supporting Information for Review Only
- Web Enhanced Object

.....

File Upload

Manuscript (Word/PDF)
Supporting Information
Graphic for manuscript
Web Enhanced Object

投稿步骤 Step 3

Step 3




Authors 投稿作者


Submission

- Step 1: Type, Title, & Abstract >
- Step 2: File Upload >
- Step 3: Authors & Institutions >**
- Step 4: Reviewers & Editors >
- Step 5: Details & Comments >
- Step 6: Review & Submit >

Authors

* Selected Authors

	ORDER	ACTIONS	AUTHOR	INSTITUTION
↑ Drag	1	Select...	Prof. Michael R Buchmeiser <i>(Corresponding Author)</i> michael.buchmeiser@ipoc.uni-stuttgart.de  0000-0001-6472-5156 ✓	1. Universitat Stuttgart, Institute of Polyme Chemistry Pfaffenwaldring 55 Stuttgart, DE D-70569 +49 (0)711-685-64075
↑ Drag	2	Select...	Jing Zhao rudy@igroup.com.cn  0000-0003-2574-5554 ✓	1.  iGroup shanghai china Xie Tu Road, No.2899 room B-601 Shanghai, CN 200030

 Update Author Order

Add Author

Find using Author's email address

Selected Authors

至少确定一名作者为本文的通讯作者。

Add Author

输入作者的邮箱来添加作者。

投稿步骤 Step 4

Step 4

Reviewers &
Editors
审稿人和编辑

Submission

- Step 1: Type, Title, & Abstract >
- Step 2: File Upload >
- Step 3: Authors & Institutions >
- Step 4: Reviewers & Editors >
- Step 5: Details & Comments >
- Step 6: Review & Submit >

* Reviewers

RECOMMENDED: 0 OUT OF 4 MIN

ACTIONS	PREFERENCE	REVIEWER	INSTITUTION
<input type="button" value="Add Reviewer"/>			

Editors

ACTIONS	PREFERENCE	EDITOR	INSTITUTION
<input type="button" value="Add Editor"/>			

Select Editor(s)

SELECT/PREFERENCE	EDITOR	INSTITUTION
<input type="checkbox"/> Select <input type="radio"/> Preferred <input type="radio"/> Not Preferred	Li, Wei-Xue	University of Science and Technology of China Department of Chemical Physics
<input type="checkbox"/> Select <input type="radio"/> Preferred <input type="radio"/> Not Preferred	Ma, Ding	Peking University College of Chemistry and Molecular Engineering

Add Reviewer

推荐审稿人

Add Editor(s)

选择某位编辑
审阅稿件

投稿步骤 Step 5

Step 5

Details &
Comments
其它细节信息

Submission

- Step 1: Type, Title, & Abstract >
- Step 2: File Upload >
- ✓ Step 3: Authors & Institutions >
- Step 4: Reviewers & Editors >
- Step 5: Details & Comments >
- Step 6: Review & Submit >

* Cover Letter

Write Cover Letter

Preview Special Characters

0 OUT OF 32768 CHARACTER

Upload Cover Letter

1. Select File 2. Attach File

Funding ⓘ

Is there funding to report for this submission?

Yes No

Funders ⓘ

ACTIONS	FUNDER	GRANT / AWARD NUMBER
No Funders Entered		

Add Funder

Cover Letter

写好一封投稿信

Funding

科研经费的资助来源

投稿步骤 Step 6

Step 6

Review &
Submit
系统审核提交

Submission

- Step 1: Type, Title, & Abstract >
- Step 2: File Upload >
- Step 3: Authors & Institutions >
- Step 4: Reviewers & Editors >
- Step 5: Details & Comments >
- Step 6: Review & Submit >

Step 6: Review & Submit

Review the information below for correctness and make changes as needed. **The manuscript PDF proof at the bottom of this page must be reviewed before completing your submission. Please click 'SUBMIT' to complete your submission.**

* = Required Fields

* Verify Step Information

✘ Step 1: Type, Title, & Abstract Edit

⚠ Please attend to the following:

- Title is missing.
- Abstract text is required.

FIELD	RESPONSE
Manuscript Type	Article
Title	INCOMPLETE
Abstract	INCOMPLETE

Special Issue Selection (By Invitation Only)

If your paper is for a special issue, please select which issue:

ACS Publishing Center 投稿平台

Welcome to the ACS Publishing Center!

1 Major Revision

#The Sustainable Future of Smart Filmmaking: Advanced Optical

Major Revision Overdue **April 07, 2023**. [Submit Revision](#)

Updated as of March 16, 2023, at 9:00 PM EST (1:00 AM GMT). Please allow up to 24 hours for new activity to be reflected. Submissions remain on this list until 60 days after final decision.

作者目前需要处理的稿件

Your Articles And Manuscripts

Updated as of March 16, 2023, at 9:00 PM EST (1:00 AM GMT). Please allow up to 24 hours for new activity to be reflected. Submissions remain on this list until 60 days after final decision.

发表 Submissions
评审 Reviews
出版 Published
跟进 Following

Submissions (3) [See More](#)

Major Revision

The Sustainable Future of Smart Filmmaking: Advanced Optical

In Peer Review

Minimizing the Resource and Environmental Impacts for

Reviews (1) [See More](#)

Rejected

www.wiley.com/journal/doi/10.1002/anie.202301234

Published (10) [See More](#)

Most Recent

Sustainable Recycling of Flexible Materials in Smart ACS Nano

+149 downloads

How to Utilize Voluntary Action to Reduce the Hydrogen and D...

+24 downloads

Following

You're not following/tracking any articles...yet!

The ACS Publishing Center lets you identify and follow activity for articles of interest.

[Follow specific ACS Journal Articles](#)



ACS Publications

Most Trusted. Most Cited. Most Read.



ACS Publications

期刊科技论文写作



科技论文写作 基本架构

What experiments were done to answer the questions stated in the introduction ?

How the results support the conclusion ?

IMRD Structure

Abstract

Introduction

Methods

Results

Discussion

Conclusion

Why they did it ?
How they did it ?
What did they find ?
What does it mean ?

What is known about the topic ?
What is not known ?
What questions the authors asked and answered ?

What has been found ?

What did they find ?
Better explain them ?
What is the next ?

Title 标题

◆ 形式 名词性的短语结构

◆ 表达 我的研究内容 **What is it about ?**

我的研究结果 **What did we find ?**

◆ 避免 复杂难懂的缩写:

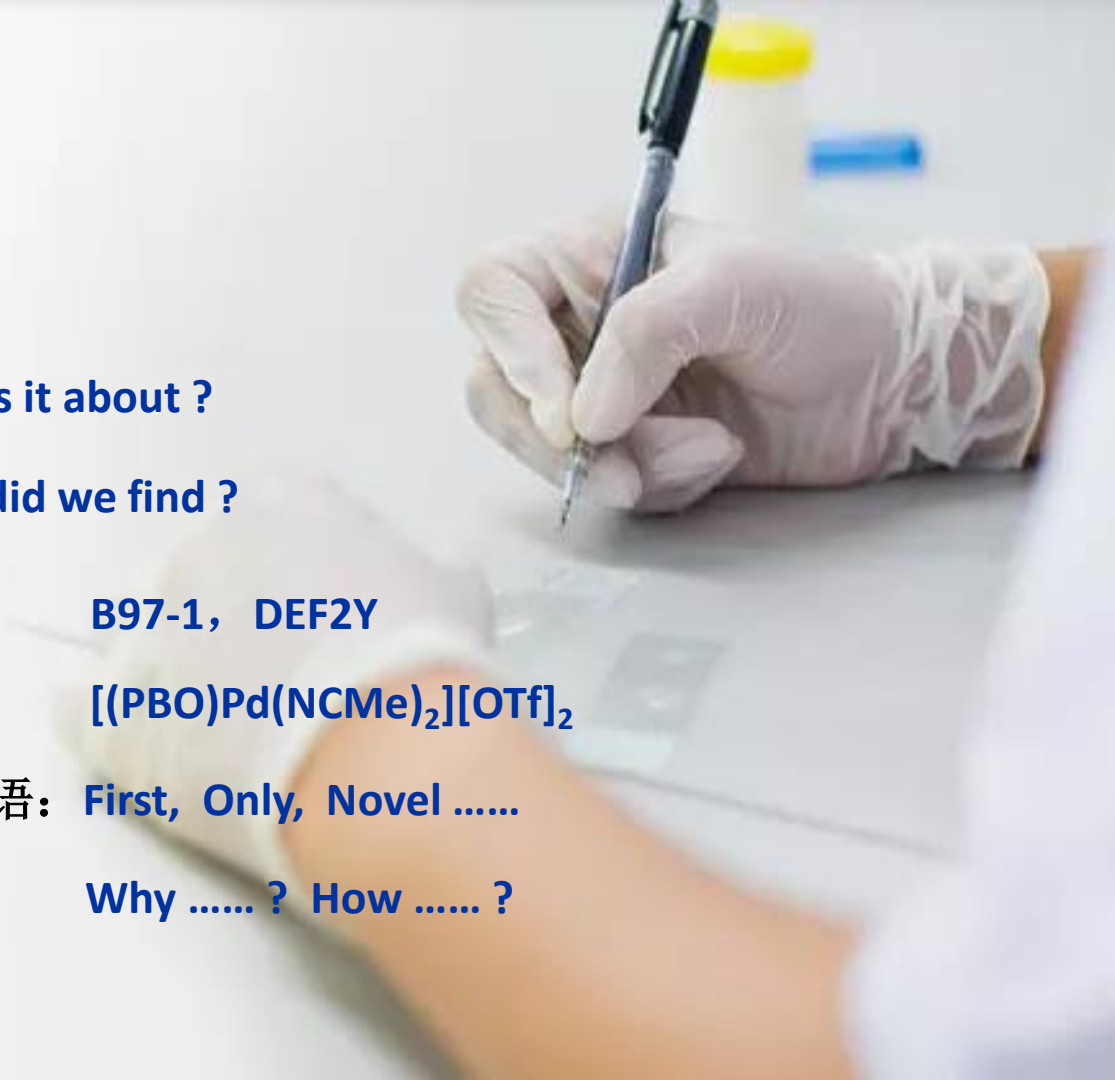
B97-1, DEF2Y

复杂的命名或分子式:

[(PBO)Pd(NCMe)₂][OTf]₂

难以证实或主观的词语: **First, Only, Novel**

把标题写成设问句: **Why ? How ?**



Title 标题

标题小方法：组合关键词

Mechanism

Catalytic Oxidation

Styrenes

Hydrogen Peroxide

Cationic Palladium(II) Complexes



Title 标题

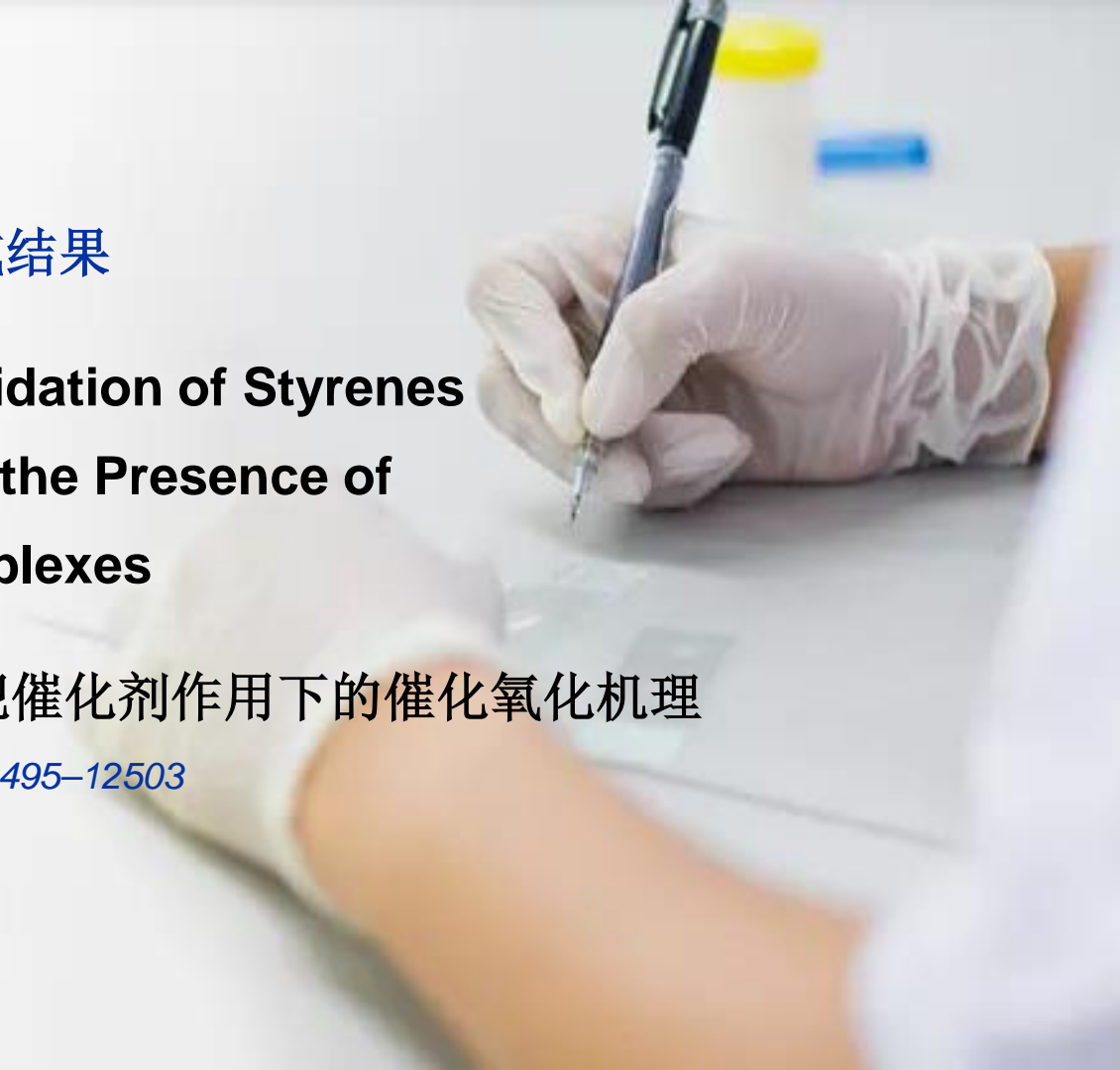
标题小方法：描述研究内容或结果

Mechanism of Catalytic Oxidation of Styrenes with Hydrogen Peroxide in the Presence of Cationic Palladium(II) Complexes

苯乙烯与过氧化氢在阳离子钯催化剂作用下的催化氧化机理

J. Am. Chem. Soc., 2017, 139 (36), pp 12495–12503

<https://doi.org/10.1021/jacs.7b05413>



Abstract 摘要

Purpose
目的

Problem Statement
问题陈述

Methodology
方法论

Major Findings
主要发现

Conclusion
结论

Anatomy of an Abstract

Purpose & Problem Statement

(keep the big-picture in mind)

Methodology & Major Findings

(highlight key discoveries)

Conclusion

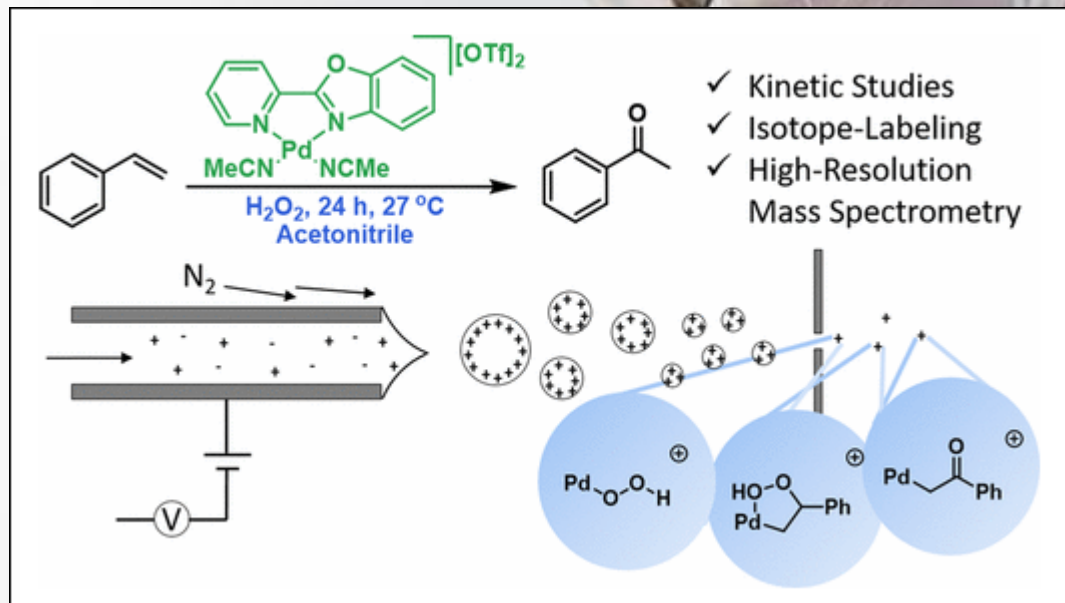
(summarize the significance)

Engineered 3D DNA crystals are promising scaffolds for bottom-up construction of three-dimensional, macroscopic devices from the molecular level. Nevertheless, this has been hindered by the highly constrained conditions for DNA crystals to be stable. Here we report a method to prepare robust 3D DNA crystals by postassembly ligation to remove this constraint. Specifically, sticky ends at crystal contacts were enzymatically ligated, and the covalent bonds significantly enhanced crystal stability, e.g., being stable at 65 °C. This method also enabled the fabrication of DNA crystals with complex architectures including crystal shell, core-shell, and matryoshka dolls. Furthermore, we have demonstrated the applications of the robust DNA crystals in biocatalysis and protein entrapment. Our study removes one key obstacle for the applications of DNA crystals and offers many new opportunities in DNA nanotechnology.

Graphics 图片

思考：设计哪些图片，讲述你的科研故事。

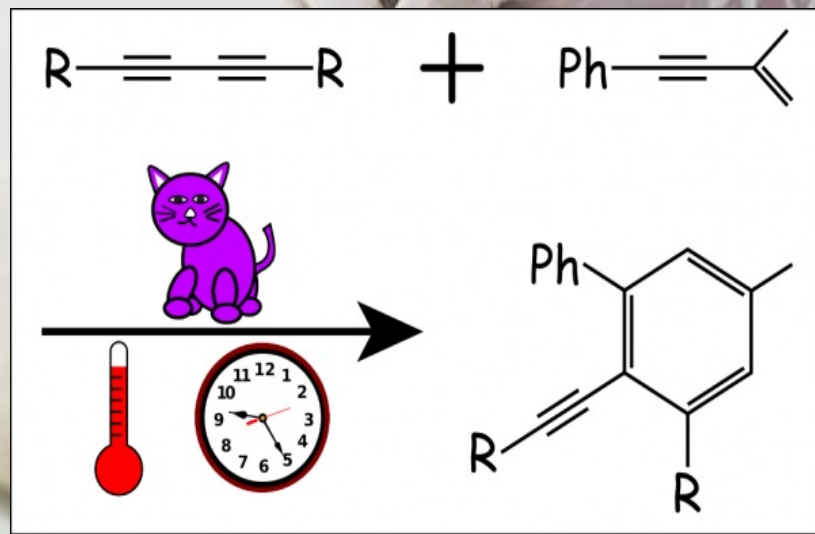
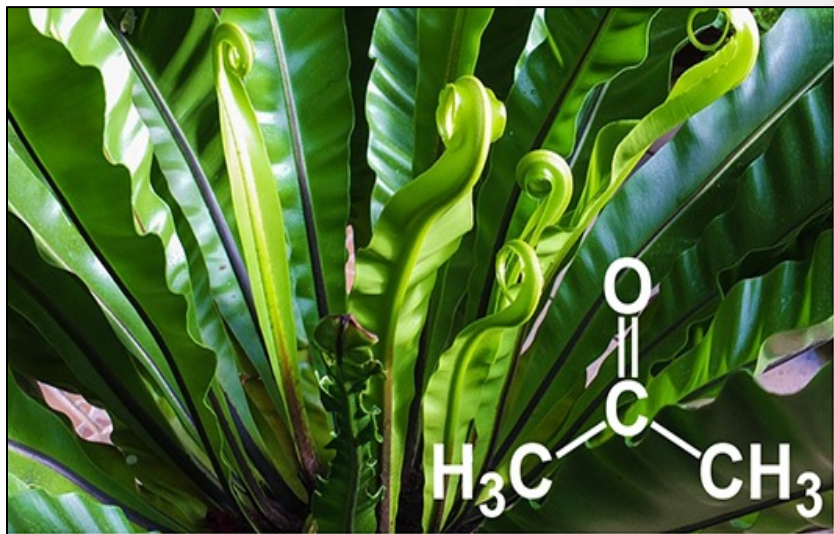
- Be clear
- Be precise
- Informative
- Support your text
- Use color
- Original
- Unpublished



J. Am. Chem. Soc., 2017, 139 (36), pp 12495–12503

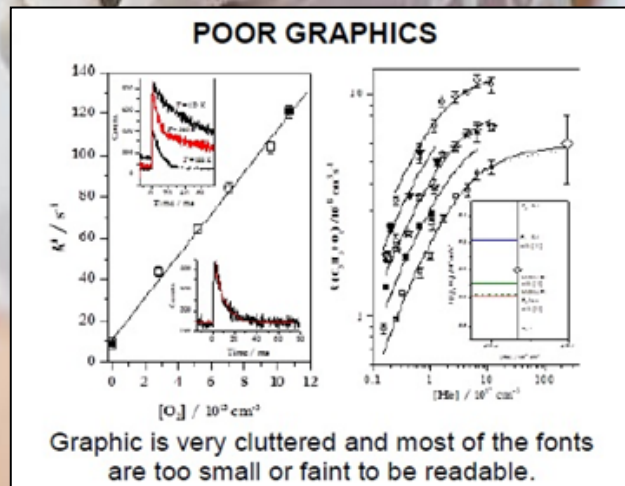
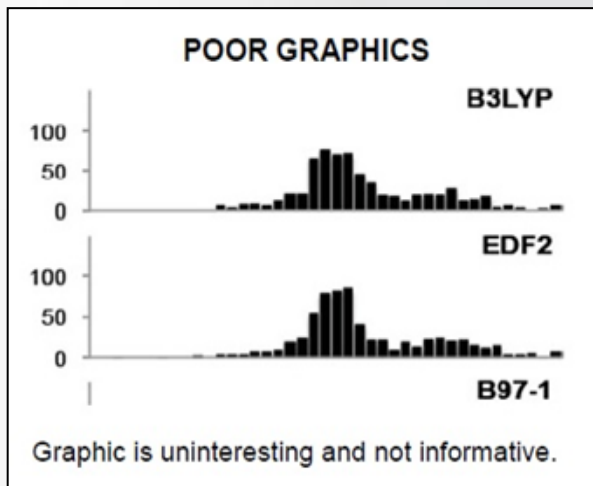
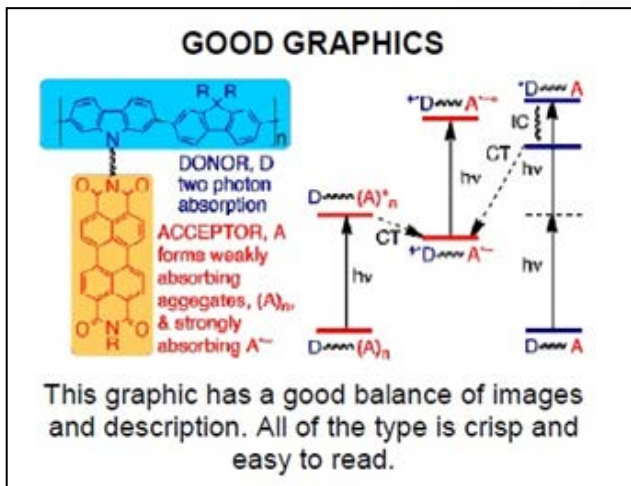
Graphics 图片

思考：它们是合格的图片吗？



Graphics 图片

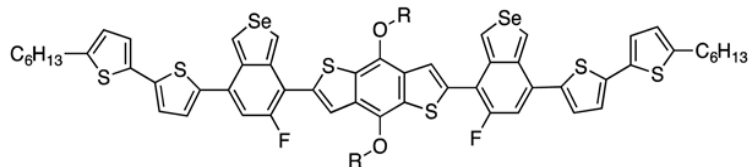
思考：这些图片有什么区别？



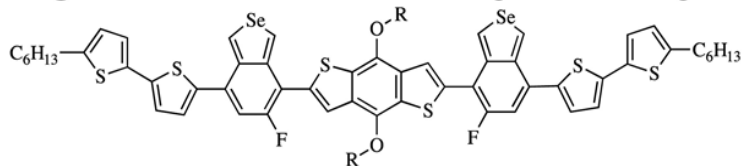
Graphics 图片

How to draw chemical Compounds with ChemDraw ?

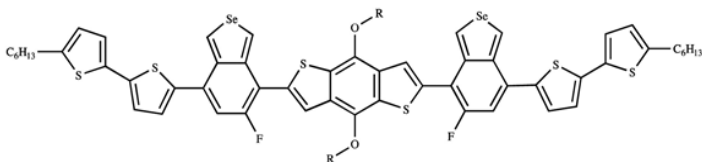
Good: ACS document setting (Helvetica)



Not great: ACS document setting, font changed to Times



Bad: ACS document setting, but very small Times font



Question: Which font looks best in a scientific figure?

Answer:

Arial or Helvetica, always.

Materials (Arial)

Materials (Helvetica)

Materials (Times)

Materials (Times New Roman)

Materials (Calibri)

Times is a 'serif font' ○ = serif

Helvetica is a sans-serif font

Graphics 图片

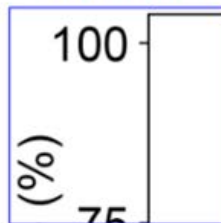
Minimum Resolution 最低分辨率

- Black and white line art, 1200 dpi
- Grayscale art, 600 dpi
- Color art, 300 dpi

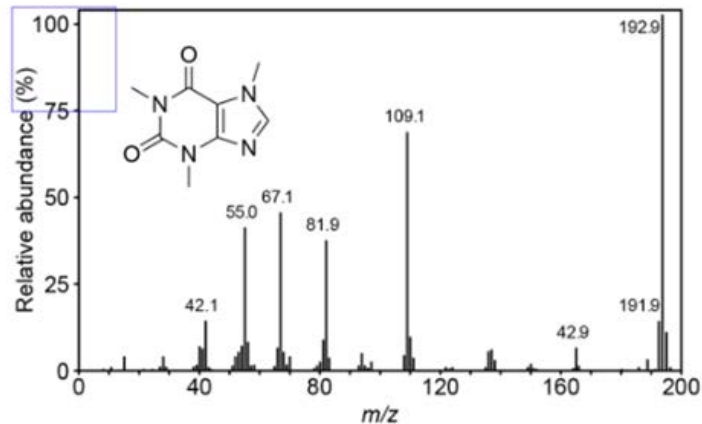
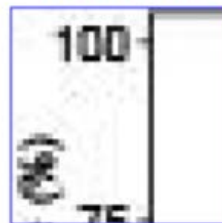
Size 尺寸

- Single-column graphics: 240 points wide
- Double-column graphics: 300 - 504 points
- The maximum depth: 660 points
- Caption: 12 pts
- Fonts: Helvetica or Arial

High Resolution



Unacceptable Resolution



Language and Text 语言

科技论文写作的目的:

1. 简化, 准确
2. 避免个人感情色彩
3. 语句使用的准确性是高效写作的目标

哪些常见的英文写作误区大家需要避免呢?



Language and Text 语言

避免使用不恰当的词语

避免使用缩略词:

✗ **wasn't**

✓ **was not**

✗ **in the lab**

✓ **in the laboratory**



Language and Text 语言

避免使用不恰当的词语

避免使用 **it is, there are, this is** 这类句式结构:

- ✗ **It is a procedure that is often used.**
- ✓ **This procedure is often used.**
- ✗ **There are seven steps that must be completed.**
- ✓ **Seven steps must be completed.**

Language and Text 语言

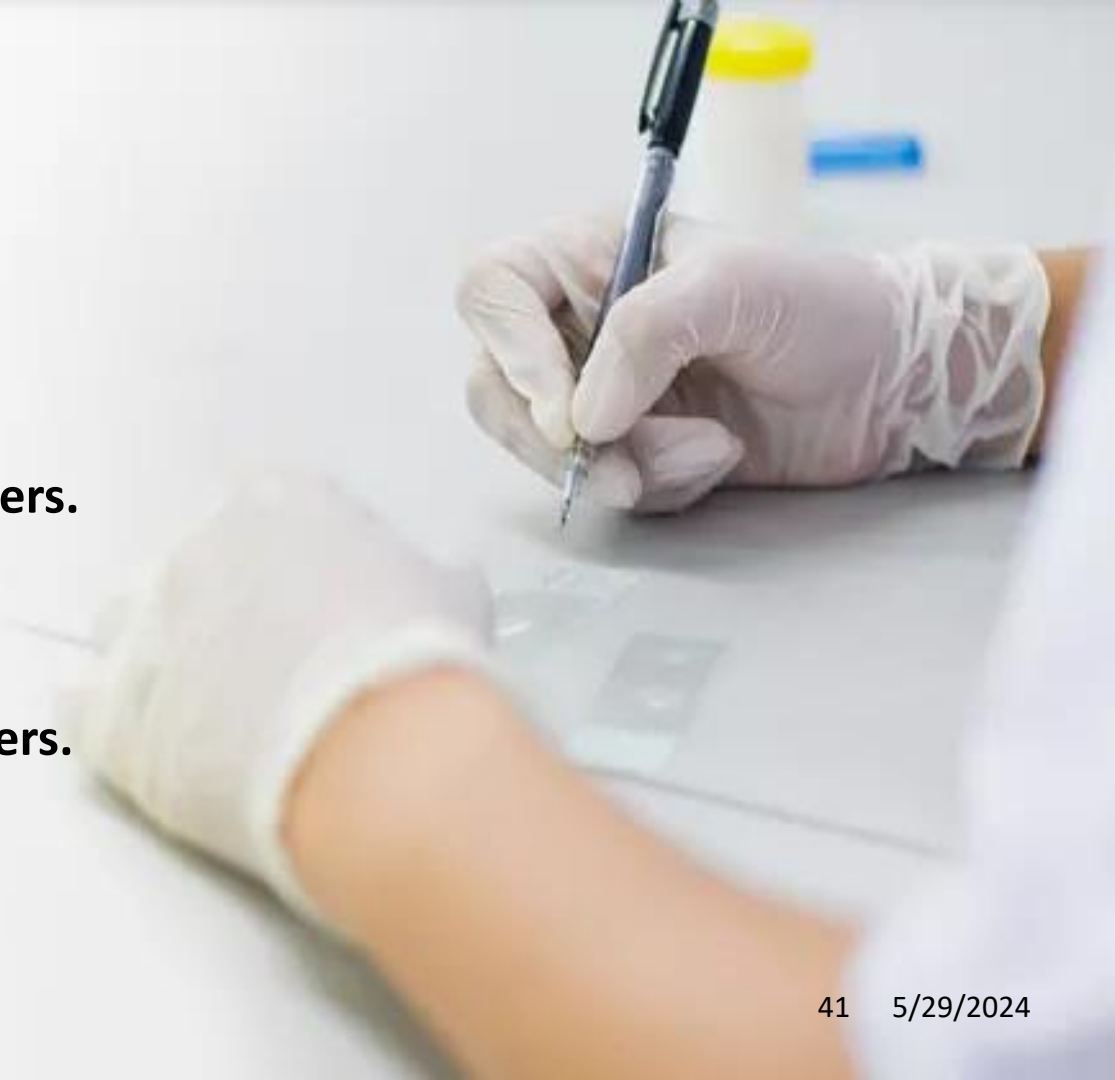
常见的易混淆的单词和短语

Comprise V.S. Compose

✗ A book is comprised of chapters.

✓ A book comprises chapters.

✓ A book is composed of chapters.



Language and Text 语言

使用性别中立语言

~~Policeman~~ Police officer

~~Chairman~~ Chair

~~Man-made~~ synthetic, artificial, etc.

~~Stewardess~~ Flight attendant

~~The corresponding author should
place an asterisk after his name.~~

The name of the corresponding author
should be followed by an asterisk.

Language and Text 语言

Mechanism of Catalytic Oxidation of Styrenes with Hydrogen Peroxide in the Presence of Cationic Palladium(II) Complexes

ABSTRACT :

Kinetic studies, isotope labeling, and *in situ* high-resolution mass spectrometry are used to elucidate the mechanism for the catalytic oxidation of styrenes using aqueous hydrogen peroxide (H_2O_2) and the cationic palladium(II) compound, $[(\text{PBO})\text{Pd}(\text{NCMe})_2][\text{OTf}]_2$ (PBO = 2-(pyridin-2-yl)benzoxazole).

Previous studies have shown that this reaction yields acetophenones with high selectivity. We find that H_2O_2 binds to Pd(II) followed by styrene binding to generate a Pd-alkylperoxide that liberates acetophenone by at least two competitive processes, one of which involves a palladium enolate intermediate that has not been previously observed in olefin oxidation reactions. We suggest that acetophenone is formed from the palladium enolate intermediate by protonation from H_2O_2 . We replaced hydrogen peroxide with *t*-butyl hydroperoxide and found that, although the palladium enolate intermediate was observed, it was not on the major product-generating pathway, indicating that the form of the oxidant plays a key role in the reaction mechanism.

专业词汇

化合物命名

分子式

Language and Text 语言

Mechanism of Catalytic Oxidation of Styrenes with Hydrogen Peroxide in the Presence of Cationic Palladium(II) Complexes

ABSTRACT :

Kinetic studies, isotope labeling, and in situ high-resolution mass spectrometry **are used to** elucidate the mechanism for the catalytic oxidation of styrenes using aqueous hydrogen peroxide (H_2O_2) and the cationic palladium(II) compound, $[(\text{PBO})\text{Pd}(\text{NCMe})_2][\text{OTf}]_2$ (PBO = 2-(pyridin-2-yl)benzoxazole).

Previous studies have shown that this reaction yields acetophenones with high selectivity. **We find that** H_2O_2 binds to Pd(II) followed by styrene binding to generate a Pd-alkylperoxide that liberates acetophenone by at least two competitive processes, one of which involves a palladium enolate intermediate **that has not been previously observed** in olefin oxidation reactions. **We suggest that** acetophenone is formed from the palladium enolate intermediate by protonation from H_2O_2 . **We replaced** hydrogen peroxide with t-butyl hydroperoxide and **found that**, although the palladium enolate intermediate **was observed, it was not** on the major product-generating pathway, indicating that the form of the oxidant plays a key role in the reaction mechanism.

时态的表达

现在时

过去时

现在完成时





ACS Publications

Most Trusted. Most Cited. Most Read.



ACS Publications

同行评审与学术道德



同行评审 Peer Review

1. 什么是同行评审？

同行评审 Peer Review 是学术期刊的根基，由同领域的活跃科学家，通常至少三位审稿人进行评审。

2. 同行评审的作用

- 1) 降低主观性，减少学术偏见
- 2) 杜绝抄袭、造假和其它利益冲突
- 3) 筛选与分级，保证期刊的高标准
- 4) 帮助编辑做出最终决定。

3. 同行评审的不同类型

- 1) 开放式评审 Open
作者和审稿人知道彼此的身份。
- 2) 单盲评审 Single - blinded
审稿人知道作者身份，但作者不知道审稿人，85%以上的期刊采用单盲评审。
- 3) 双盲评审 Double - blinded
作者或审稿人都不知道彼此的身份

编辑初审 Editorial Review (Pre-Screening)

1. 编辑初审阶段主要看什么

- 1) Scope 符合期刊范围
- 2) Scientific merit 科学价值
- 3) Significance 意义和重要性

2. 初审决定

- 1) Peer Review Process 外审
- 2) Immediately Reject 拒稿

3. 初审的作用

- 1) 避免稿件的堆积
- 2) 给投稿作者做出快速的回复

4. 初审的后续

初审环节通常由期刊的主编和副编辑进行审稿和回复。

- 1) 如果您的稿件没有通过初审，期刊的编辑通常会给您一份拒稿回复，告知作者此稿件的不足之处，或者对所期待的稿件的最低标准。
- 2) 通过了初审的稿件，在下一个阶段将由审稿人进行同行评审。

合理推荐审稿人 Suggested Reviewers

1. 优秀的审稿人能对稿件提出恰当的改进意见

- 1) 对该领域有广泛的知识 and 理解
- 2) 能对实验，技术或解释进行技术评估
- 3) 能够提供建设性的，公正的，不具有偏见的意见

2. 选择审稿人需要避免

- 1) 朋友
- 2) 同事
- 3) 潜在的利益冲突

3. 编辑部的选择

编辑有选择地邀请推荐审稿人以及审稿团队的学者，确保公平的审稿过程。

审稿人评审 External Review

1. 符合范围 Appropriate Scope

The work should resonate with the journal's target audience, which improves its chances for reaching its intended readers.

2. 新颖原创 Novelty/Urgency

The manuscript should be original and provide insight into a challenging problem or fundamental issue, advancing the discipline in a timely way. Avoid reporting just an incremental improvement with a slightly different set of conditions.

3. 技术要求 Technical Validity

The research should be well designed, and the experiments, data collection and interpretation should be completed at a high level.

4. 稿件质量 High Quality

The manuscript should be clear, concise, and formatted correctly. If the writing is confusing and contains grammatical errors, reviewers may be unable to judge the scientific quality.

回复评审意见

1. 仔细阅读编辑决定和审稿人评语

Read the decision letter and reviewer comments.

2. 及时回复，注意时间期限，回复每一条评语并注明改动

Be timely!

Respond to each comment, noting what changes (if any) were made.

If you cannot complete a revision by the deadline, contact the editorial office to request an extension.

3. 如果有不同意见，请用科学的语言回复 (特殊情况：申诉)

If you disagree with a comment, that is okay – but make sure the editor understands why you disagree. Use science to back up your argument.

编辑的审稿工作

1. 编辑收到审稿人的意见后

- 1) 仔细阅读稿件
- 2) 分析评审报告
- 3) 确认补充数据或实验
- 4) 给作者做出一个最终的决定

Manuscripts & Articles

Submissions (3) Reviews (1) Published (10) Following (0)

Submitted Manuscripts

Updated as of March 18, 2022 at 9:02 PM EDT (1:06 AM GMT). Please allow up to 24 hours for new activity to be reflected. Submissions remain on this list until 60 days after final decision. Submissions remain on this list until 90 days after final decision.

Title	Publication	Submission Date	Status
The Effect of Temperature on the Kinetics of the Reaction of Nitric Oxide with Ethanolamine	ACS Micro Letters	February 18, 2022	Major Revision Your manuscript has received a Major Revision decision. April 07, 2022 . Submit Revision.
Monitoring the Environmental Impacts of the Carbon Footprint of Chemicals	Chemistry of Materials	December 05, 2022	In Peer Review Your manuscript is being evaluated by researchers in your field.
The Reaction of Nitric Oxide with Ethanolamine	Journal of the American Chemical Society	May 18, 2022	Reject & Resubmit Your manuscript has been declined for publication at this time, but an option to resubmit after substantial revision has been offered. If you choose to resubmit this manuscript to this journal, resubmit!

2. 编辑决定

- 1) Accept 接收
- 2) Revise 大修或小修
- 3) Transfer 稿件转交
- 4) Reject 拒稿

Welcome to the ACS Publishing Center!

Major Revision
The article is in the Major Revision stage. [View Article](#)
Major Revision Overdue **April 07, 2022**. [Submit Revision](#)
Updated as of March 18, 2022 at 9:02 PM EDT (1:06 AM GMT). Please allow up to 24 hours for new activity to be reflected. Submissions remain on this list until 60 days after final decision.

Your Articles And Manuscripts

Updated as of March 18, 2022 at 9:02 PM EDT (1:06 AM GMT). Please allow up to 24 hours for new activity to be reflected. Submissions remain on this list until 60 days after final decision.

Submissions (3) See More	Reviews (1) See More	Published (10) See More	Following
Major Revision The article is in the Major Revision stage. View Article Major Revision Overdue April 07, 2022 . Submit Revision	Rejected The article has been declined for publication at this time, but an option to resubmit after substantial revision has been offered. View Article	Most Recent Socialist Recycling of Nitric Oxide with Ethanolamine View Article	You're not following/tracking any articles... yet! The ACS Publishing Center lets you identify and follow activity for articles of interest. Follow specific ACS Journal Articles

投稿中的学术道德

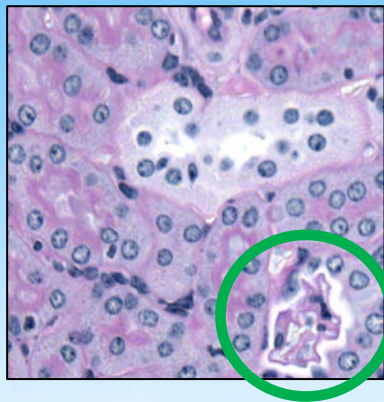
1. 违反学术道德的常见情况

- 1) 抄袭和自我抄袭
- 2) 一稿多投
- 3) 数据造假或篡改
- 4) 有问题的原创作者

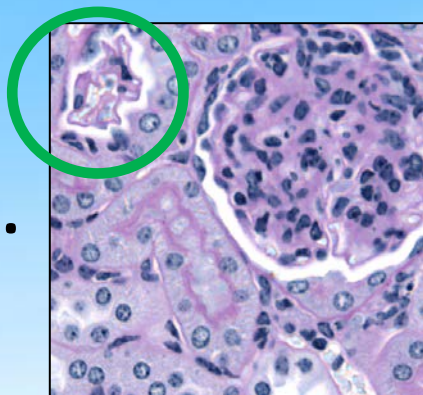
2. 违反学术道德如何被发现

- 1) 从技术上来说：
 - CrossCheck
 - Image Checking Software
- 2) 从科学交流上来说：
 - Webinar, Social Networking

图像检测软件 Image Checking Software

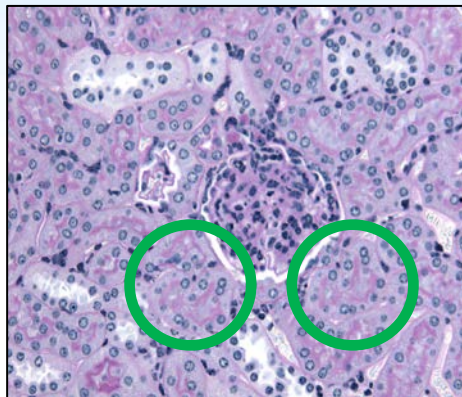


V.S.



图A

图B



图C

经过图像的查重检测：

- 1) 图A和图B有完全一致的图案。
- 2) 图C有被修改的痕迹，被标记部分完全一致。

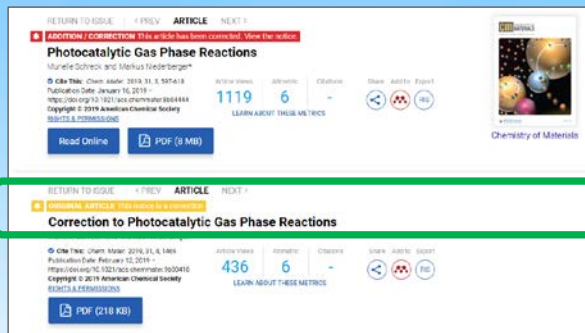
投稿中的学术道德

3. 文章被撤稿的原因是什么？

- 1) 进一步的研究揭示了数据中的缺陷
- 2) 无法复制的结果
- 3) 错误的分析
- 4) 意外违反学术道德
- 5) 故意违反学术道德

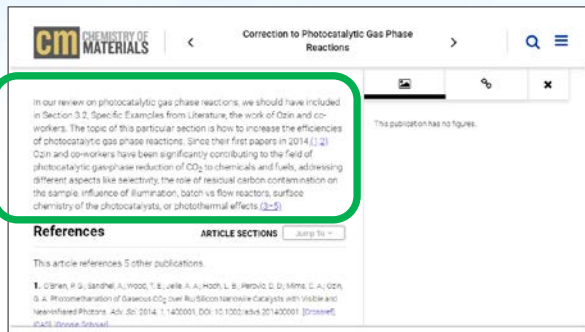
4. 更正 & 撤稿

- 1) 更正 Correction
- 2) 撤稿 Retraction



更正 Correction
不违反学术道德

该文章作出了更正
(Correction to the
Article Name)



指出了更正的地方
是哪些 (What has
been corrected ?)



Questions



**课堂调查问卷
微信扫一扫**