



ACS Publications
Most Trusted. Most Cited. Most Read.



美国化学会期刊投稿与写作 —— ACS助力科研发表

江南大学

2024年11月6日



目录 Content

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3. ACS期刊投稿方法和注意事项

4. ACS期刊审稿流程和同行评议知识





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ACS 数据库期刊最新动态





ACS Is the World's Largest Scientific Society

- 出版高品质的专业科学期刊
- 促进化学及相关学科的交流与发展

**ACS美国化学会
成立于1876年**

140
多个国家

150,000+
会员

ACS Journals 学术期刊

<https://pubs.acs.org>

出版 80 多种高品质的专业科学期刊

2024年 JCR 期刊引证报告：ACS期刊的影响因子中位数为 4.8，总引用次数超过 440 万。

美国化学会志 JACS 保持在化学领域里是被引用次数最多的期刊。

部分期刊在各自学科领域内是被引用次数最多的期刊之一：

Analytical Chemistry

Crystal Growth & Design

Journal of Medicinal Chemistry

Journal of Agricultural and Food Chemistry



ACS Publications
Most Trusted. Most Cited. Most Read.

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
有机化学
有机金属化学
分析化学

物理化学
理论与计算化学
高分子科学
化学教育

能源 催化
材料科学
纳米科学

农业与食品化学
生物与药物化学
化学工程与工业化学
地球、空间与环境化学

Journal of the American Chemical Society 美国化学会志

2023 Impact Factor: 14.4 | Citations: 568,265

美国化学会志 **JACS** 创刊于 **1879** 年，是美国化学会出版的第一本期刊和旗舰期刊，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。



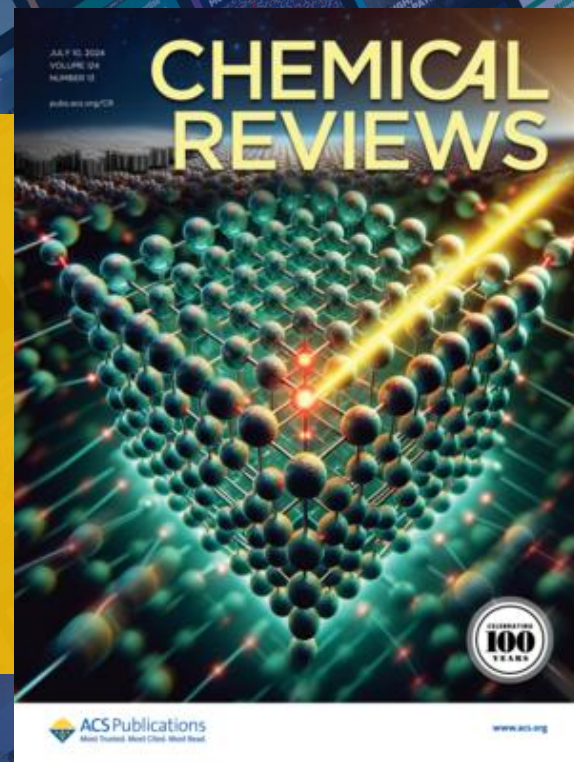
期刊收录研究方向：化学，跨学科化学
Indexed in: CAS, SCIE, Scopus, PubMed, etc.

Chemical Reviews 化学评论

2023 Impact Factor: 51.4 | Citations: 230,794

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，跨学科化学
Indexed in: CAS, SCIE, Scopus, PubMed, etc.

Organic-Inorganic Chemistry 有机与无机化学

■ The Journal of Organic Chemistry

有机化学领域的著名期刊

■ Organic Letters

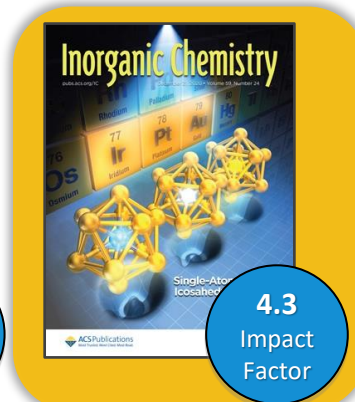
有机化学被引用次数最多的期刊之一

■ Inorganic Chemistry

无机化学领域被引用次数最多的期刊

■ Crystal Growth & Design

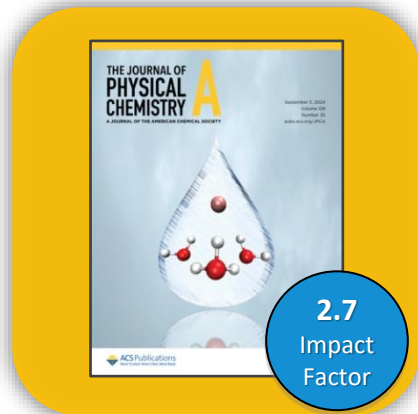
晶体学领域被引用次数最多的期刊



Physical Chemistry 物理化学

The Journal of Physical Chemistry A

分子、离子、自由基、团簇和气溶胶物理化学的实验、理论和计算研究



The Journal of Physical Chemistry B

生物物理、生物化学、生物材料和软物质领域的实验、理论和计算研究



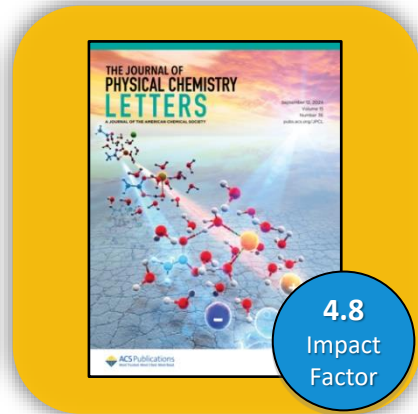
The Journal of Physical Chemistry C

纳米、低维和块状材料物理化学的实验、理论和计算研究;界面的化学转变;以及能量转换和储存



The Journal of Physical Chemistry Letters

物理化学领域的快报类期刊



Analytical Chemistry 分析化学

2023 Impact Factor: 6.7 | Citations: 153,592

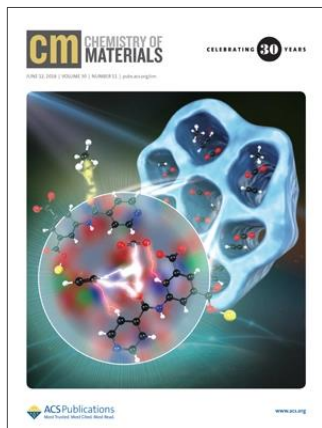
Analytical Chemistry是分析化学领域被引用次数最多的同行评审期刊，收录了分析化学所有分支的原创研究。

研究方向包括但不限于生物分析化学、生物工程、化学分析、环境科学、鉴证和医学。主题通常包括化学反应和选择性、化学计量学与数据处理、电化学、元素与分子表征、成像、仪器、质谱、微米/纳米尺度系统、组学、传感、分类、光谱学和表面分析。论文中若采用已有的分析方法，则应该阐述该分析方法的重要用途及显著提升，或者有重要分析物。

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



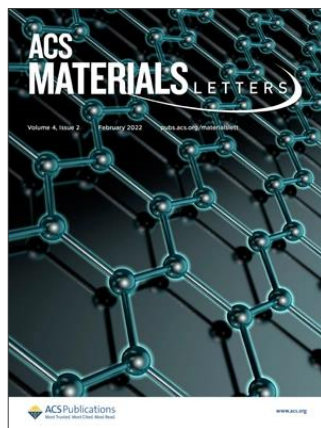
Materials Science & Engineering 材料科学与工程



*Chemistry of
Materials*

IMPACT FACTOR

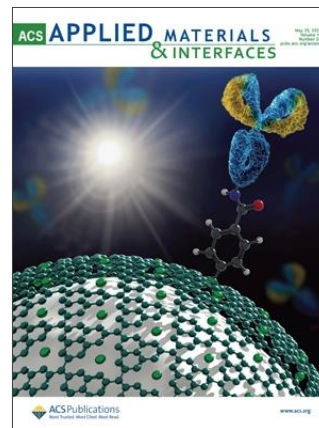
7.2



*ACS Materials
Letters*

IMPACT FACTOR

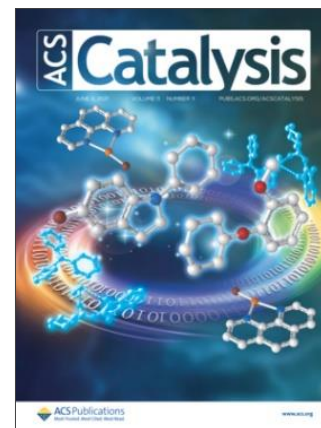
9.6



*ACS Applied
Materials &
Interfaces*

IMPACT FACTOR

8.3

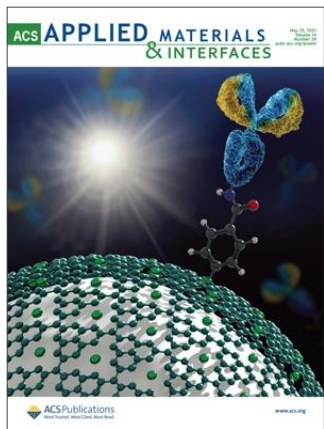


ACS Catalysis

IMPACT FACTOR

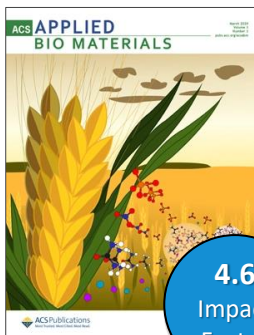
11.3

Applied Materials Science & Engineering 应用材料系列期刊

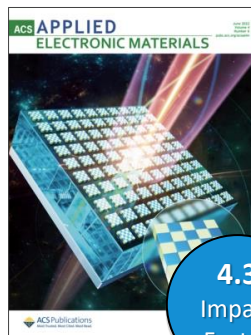


ACS Applied
Materials &
Interfaces

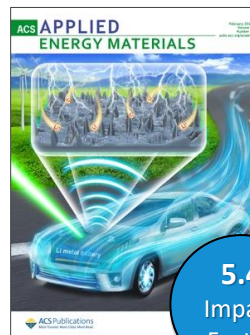
IMPACT FACTOR
8.3



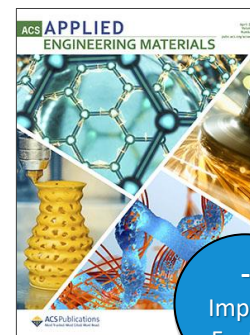
4.6
Impact
Factor



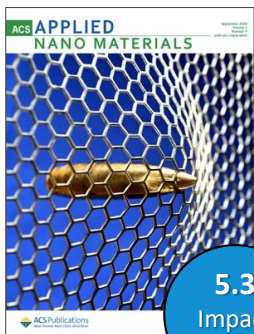
4.3
Impact
Factor



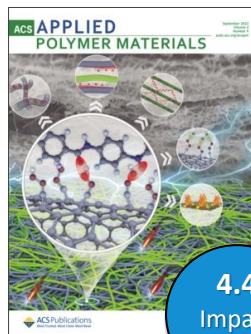
5.4
Impact
Factor



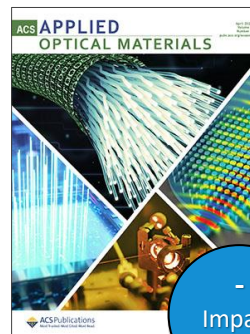
-
Impact
Factor



5.3
Impact
Factor



4.4
Impact
Factor



-
Impact
Factor

ACS AMI子刊

生物材料 Bio

电子材料 Electronic

能源材料 Energy

工程材料 Engineering

纳米材料 NANO

聚合材料 Polymer

光学材料 Optical

Nanoscience and Nanotechnology 纳米科学与技术



■ ACS NANO

出版了关于纳米结构 (纳米材料和组件、纳米器件和自组装结构) 的合成、组装、表征、理论和模拟、纳米生物技术、纳米制造、纳米科学和纳米技术的方法和工具以及自组装和定向组装的综合文章。

IMPACT FACTOR

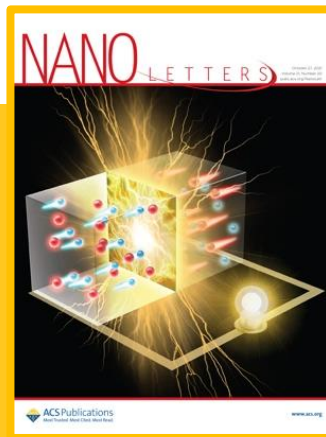
15.8

IMPACT FACTOR

9.6

■ NANO LETTERS

快速报告是刊载纳米科学和技术所有领域的基础、应用和新兴研究成果的期刊。符合其范围的主要标准之一是至少融合两个不同领域或学科。



Environmental Science 环境科学与技术



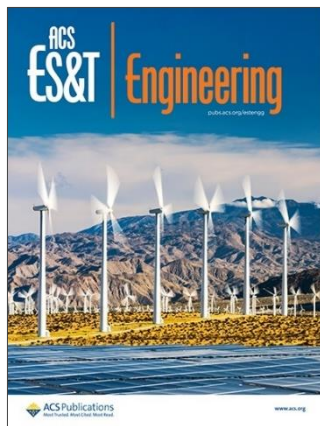
*Environmental
Science &
Technology*

IMPACT FACTOR
10.8



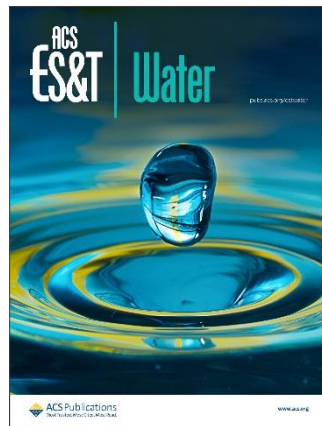
*Environmental
Science &
Technology Letters*

IMPACT FACTOR
8.9



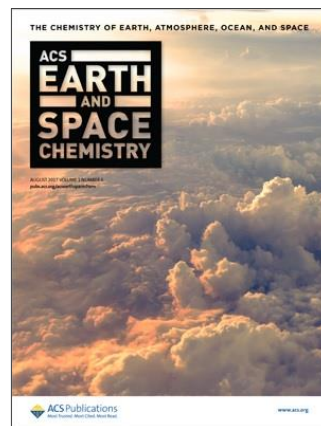
*ACS ES&T
Engineering*

IMPACT FACTOR
7.4



*ACS ES&T
Water*

IMPACT FACTOR
4.8



*ACS Earth and
Space Chemistry*

IMPACT FACTOR
2.9

Energy and Transportation 化工与能源



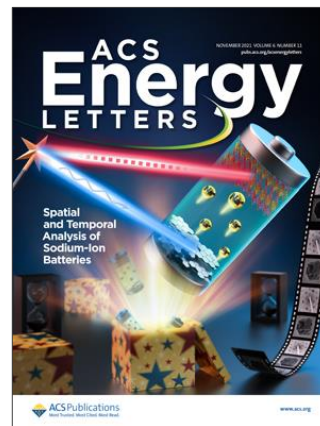
*Industrial &
Engineering
Chemistry Research*

IMPACT FACTOR
3.8



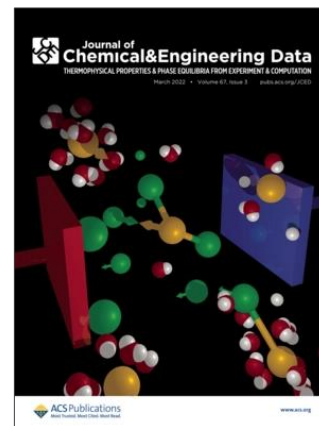
Energy & Fuels

IMPACT FACTOR
5.2



ACS Energy Letters

IMPACT FACTOR
19.3



*Journal of Chemical
& Engineering Data*

IMPACT FACTOR
2.0



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ACS Open Science 开放获取内容介绍



Open Access Journals

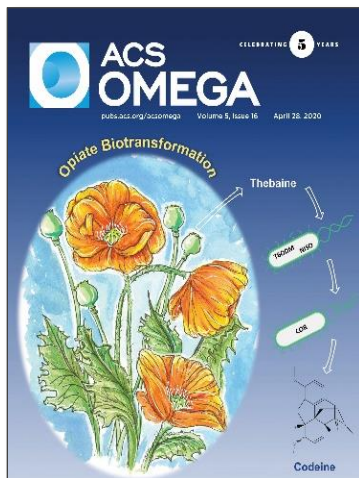
美国化学会旗下的开放获取期刊总共有 **18** 种，分别具有不同的内容和定位。



ACS Central Science

Launched in 2015

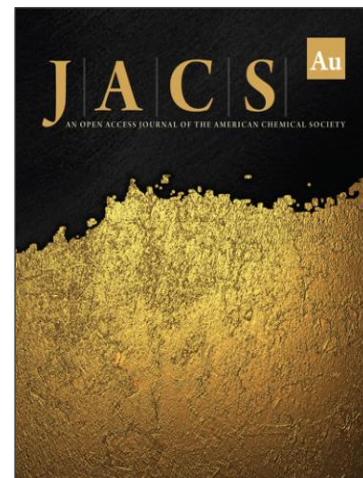
IMPACT FACTOR
12.7



ACS Omega

Launched in 2016

IMPACT FACTOR
3.7



JACS Au

Launched in 2021

IMPACT FACTOR
8.5

Open Access Journals

美国化学会旗下的开放获取期刊总共有 18 种，分别具有不同的内容和定位。

ACS Central Science, ACS Omega, JACS Au 多学科化学期刊

ACS Au Journals 系列期刊

- ACS Bio & Med Chem Au
- ACS Engineering Au
- ACS Environmental Au
- ACS Materials Au
- ACS Measurement Science Au
- ACS Nanoscience Au
- ACS Organic & Inorganic Au
- ACS Physical Chemistry Au
- ACS Polymers Au



ACS 与中国的高校及科研机构的合作期刊

Precision Chemistry

2023 University of Science and Technology of China

Chemical & Biomedical Imaging

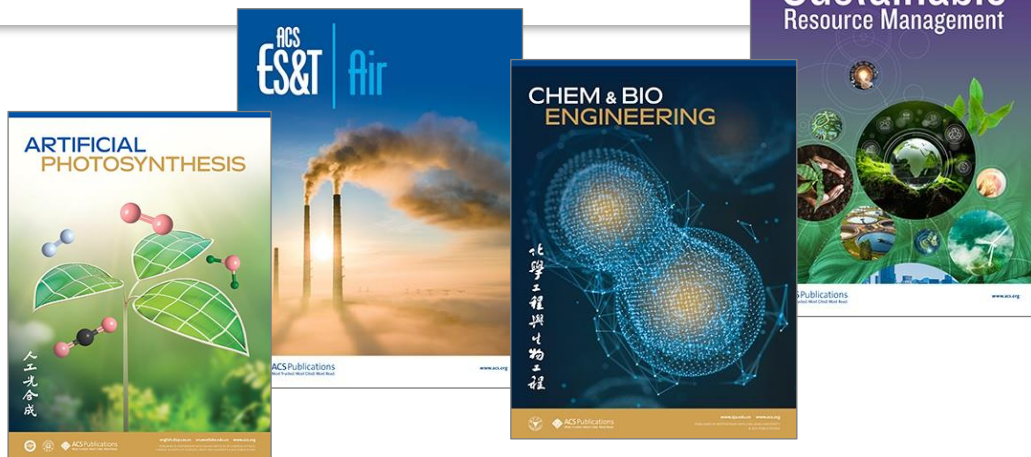
2023 Nanjing University

Environment & Health

2023 the Research Center for Eco-Environmental Sciences, CAS

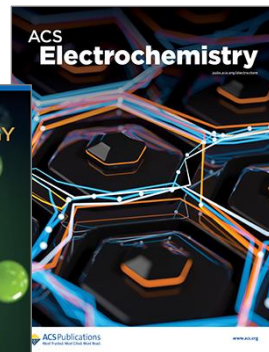
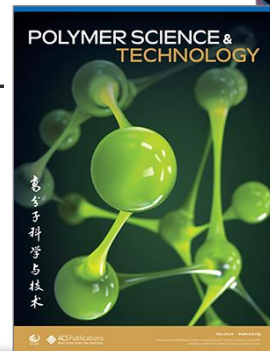
ACS 新刊 (2023 - 2025)

ACS Applied Engineering Materials
ACS Applied Optical Materials
ACS ES&T Air
ACS Sustainable Resource Management
ACS Electrochemistry



Launched in 2025

Launched in 2024



合作出版期刊 (2023 - 2025)

Chemical & Biomedical Imaging
Environment & Health
Precision Chemistry
Chem & Bio Engineering
Artificial Photosynthesis
Polymer Science & Technology

期刊科技论文的基本框架和写作要点



科技论文写作的基本架构

前段

标题

摘要

关键字

中段

正文

I 引言
M 方法
R 结果
D 讨论

后段

C 结论

SI 资料

致谢

参考文献

科技论文写作基本架构——IMRD Structure

Abstract

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

Methods

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

Discussion

How the results support
the conclusion ?

Introduction

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

Results

What has been found ?

Conclusion

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>



Title 标题

标题案例:

- Radical Route to 1,4-Benzothiazine Derivatives from 2-Aminobenzenethiols and Ketones under Transition-Metal-Free Conditions
合成 1,4-苯并噻嗪衍生物的新方法
- 11-Step Total Synthesis of Pallambins C and D
天然物 Pallambins C/D 的全合成
- Cu and Cu-Based Nanoparticles: Synthesis and Applications in Catalysis
铜与铜基纳米粒子：催化中的合成与应用

Abstract 摘要

Anatomy of an Abstract

Purpose
目的

Problem Statement
问题陈述

Methodology
方法论

Major Findings
主要发现

Conclusion
结论

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.

Abstract 摘要

摘要的写法可以包含五个部分，按以下顺序：

目的

介绍主题，传达其对广泛领域的重要性，并解释“大局”

问题陈述

正在解决什么科学问题

方法论

强调所采用的关键途径、方法和分析

主要发现

强调研究的结果和成果，解释数据内容并提醒读者

结论

强调这项工作的意义及其影响。为什么这项工作意义重大？这项研究可能会带来什么结果？

Abstract 摘要

摘要不应包括:

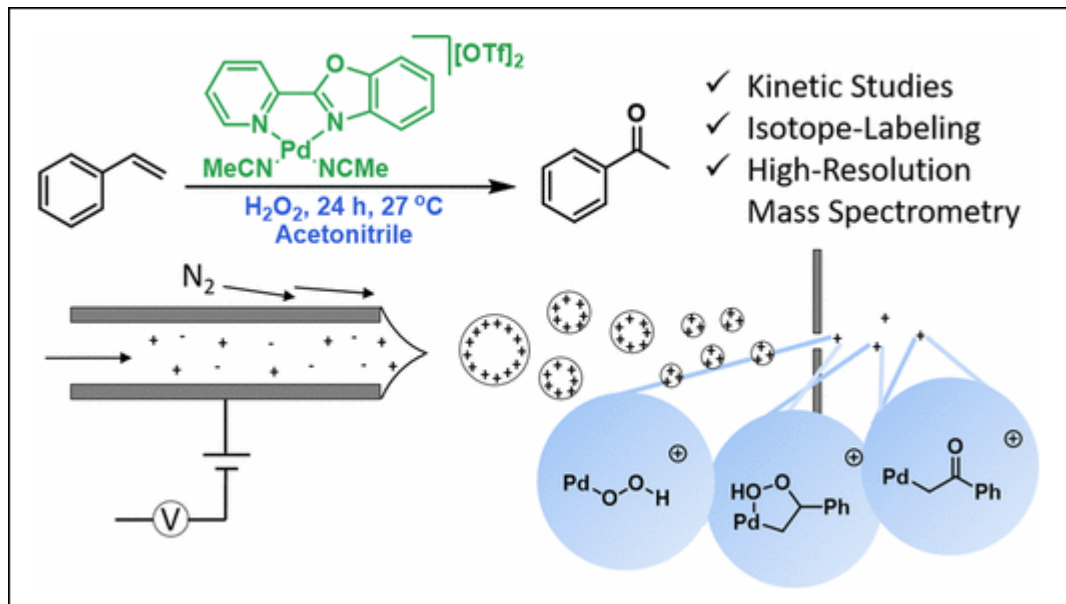
- 过多的介绍性句子
- 过多或不相关的实验细节和数值数据
- 参考引文，因为读者可能无法访问它们
- 未定义的首字母缩略词或缩写
- 未经证实的主张或与数据相矛盾或不受数据支持的信息
- 超出期刊允许的字数



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

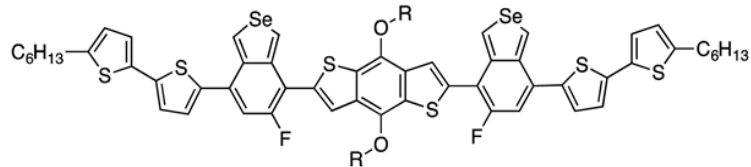


J. Am. Chem. Soc., 2017, 139 (36), pp 12495–12503

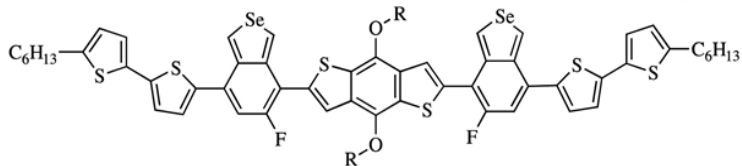
Graphics 图片

How to draw chemical Compounds with ChemDraw ?

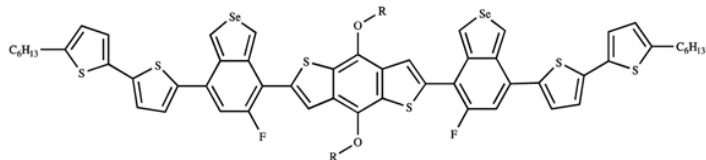
Good: ACS document setting (Helvetica)



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

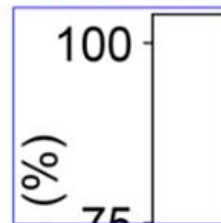
Minimum Resolution 最低分辨率

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

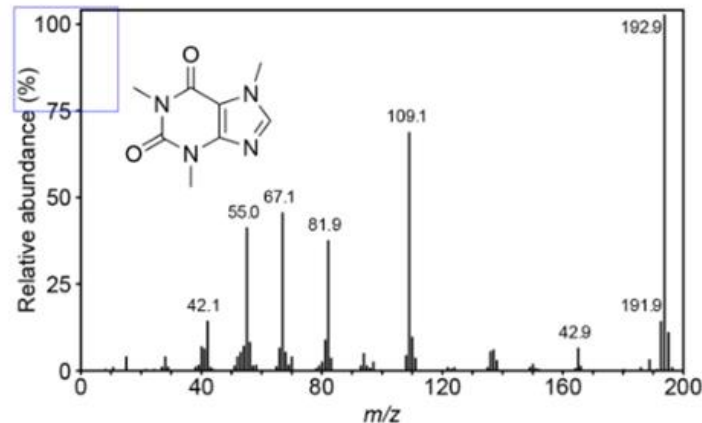
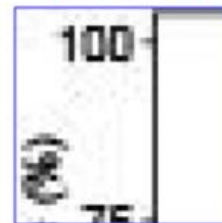
Size 尺寸

- 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



英文论文写作时有哪些误区需要注意避免呢？

01 避免使用不恰当的词语和句式

02 注意区分易混淆的单词和短语

03 使用性别中立语言



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 **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

- **Affect V.S. Effect**
- **Assure V.S. Ensure V.S. Insure**
- **Comprise V.S. Compose**



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.

Document Templates 稿件格式模板

Template for Submission of Manuscripts to American Chemical Society Journals⁴²

Word 2010, Page Wide Abstract Version⁴²

This template is a guide to be used to prepare manuscripts for submission. Please authors or a recent issue of the journal for detailed guidelines and procedures for submitting to benefit to the author that the entire manuscript (text, tables, and graphics). Inserting graphics and tables close to the point at which they are discussed in the text of the manuscript can also be a benefit for the reviewer.⁴²

When you submit a manuscript using this template, you will not actually see the page formatting that appears in the printed journal. This will occur as part of the editorial production process. Abbreviated instructions for using the template follow. Consult the documentation for your specific application version for more information. Additional instructions can be found in the readme file at the web page where you downloaded this template.⁴²

Using the template⁴²

In ACS publications there are many different components of a manuscript (i.e., title, abstract, text, etc.) that are represented in the template. See the Guide, Notes, Notices, or Instructions homepage to determine which parts should be included for the manuscript that you are submitting.⁴²

1. If typing your manuscript directly into the template, select (highlight) the text of the template that you want to replace and begin typing your manuscript (i.e., select the Title section for typing in your title).⁴²
2. If you have already prepared your document in a Word file, you will need to attach the template to your working document in order to apply the Word Style tags. Further instructions can be found in the readme file at the web page where you downloaded this template.⁴²
 - a. Go to the Word Style list on the formatting toolbar and you will see all the Word Styles that have been imported into the current document. A Styles toolbar has been added to the ribbon. If this is not present, select View, Task Pane, and then click on the Styles task pane. If this is not present, select View, Task Pane, and then click on the Styles task pane. You can close this at any time and then reopen it when needed.
 - b. Click in the sentence or paragraph and then go to the Word Style menu on the ribbon. This will apply the Word Style to the entire text (sentence or paragraph). Do this for all sections of the manuscript.⁴²
3. To insert graphics within the text or as a figure, chart, scheme, or table, create a new line and insert the graphic where desired. If your graphic is not visible, ensure that the Word Style "Normal" has an automatic height adjustment. If the size of the artwork needs to be adjusted, re-size the artwork in your graphics program and re-embed the artwork into the template (maximum width for single-column artwork, 3.3 in. (8.4 cm); maximum width for double-column artwork, 7 in. (17.8 cm)). **NOTE:** If you are submitting a Table of Contents, the graphic at the end of the file.⁴²
4. Ensure that page numbers are present on all pages before submitting your manuscript.⁴²
5. Delete these instructions and any sections that are not needed.⁴²
6. Save the file with the graphics in place; select Save As (File menu) and save it as a document file (not a .dot template file).⁴²
7. Proof the manuscript to ensure that all parts of the manuscript are present and clearly legible.⁴²

Title

TITLE (Word Style "BA_Title"). The title should accurately, clearly, and concisely reflect the emphasis and content of the paper. The title must be brief and grammatically correct. The space above the title is provided by the journal. Do NOT delete this space.⁴²

Author

AUTHOR NAMES (Word Style "BB_Author_Name"). Include in the byline all those who have made substantial contributions to the work, even if the paper was actually written by only one person. Use first names, initials, and surnames (e.g., John R. Smith) or first initials, second names, and surnames (e.g., J. Robert Smith). Do not use only initials with surnames (e.g., J. R. Smith) because this causes indexing and retrieval difficulties and interferes with unique identification of an author. Do not include professional or official titles or academic degrees. At least one author must be designated with an asterisk as the author to whom correspondence should be addressed.⁴²

AUTHOR ADDRESS (Word Style "BC_Author_Address"). The affiliation should be the institution where the work was conducted. If the present address of an author differs from that at which the work was done, indicate with a symbol and give the Present Address under Author Information. If more than one address, use symbols to match author names to address(es).⁴²

KEYWORDS (Word Style "BG_Keywords"). If you are submitting your paper to a journal that requires keywords, provide significant keywords to aid the reader in literature retrieval.⁴²

Abstract

ABSTRACT (Word Style "BD_Abstract"). All manuscripts must be accompanied by an abstract. The abstract should briefly state the problem or purpose of the research, indicate the theoretical or experimental plan used, summarize the principal findings, and point out the major conclusions. Abstract length is one paragraph.⁴²

TEXT (Word Style "TA_Main_Text"). For full instructions, please see the journal's Instructions for Authors. Do not modify the font in this or any other section, as doing so will not give an accurate estimate of the formatting for publication and final length of the paper.⁴²

FIGURES (Word Style "VA_Figure_Caption"). Each figure must have a caption that includes the figure number and a brief description, preferably one or two sentences. The caption should follow the format: Figure 1. Figure caption. All figures must be mentioned in the text consecutively and numbered with Arabic numerals. The caption should be understandable without reference to the text. Whenever possible, place the key to symbols in the artwork, not in the caption. To insert the figure into the template, be sure it is already sized appropriately and paste before the figure caption. For formatting double-column figures, see the instructions at the end of the template. Do NOT modify the amount of space before and after the caption as this allows for the rules, space above and below the rules, and space above and below the figure to be inserted upon editing.⁴²

SCHEMES (Word Style "VC_Scheme_Title"). Groups of reactions that show action are called schemes.⁴²

Schemes may have brief titles describing their contents. The title should follow the format "Scheme 1. Scheme Title." Schemes may also have footnotes (use Word Style "FD_Scheme_Footnote"). To insert the scheme into the template, be sure it is already sized appropriately and paste after the scheme title. For formatting double-column schemes, see the instructions at the end of the template. Do NOT modify the amount of space before and after the title as this allows for the rules, space above and below the rules, and space above and below the scheme to be inserted upon editing.⁴²

CHARTS (Word Style "VB_Chart_Title"). Groups of structures that do not show action are called charts. Charts may have brief titles describing their contents. The title should follow the format "Chart 1. Chart Title." Charts may also have footnotes (use Word Style "FC_Chart_Footnote"). To insert the chart into the template, be sure it is already sized appropriately and paste after the chart title. For formatting double-column charts, see the instructions at the end of the template. Do NOT modify the amount of space before

and after the title as this allows for the rules, space above and below the rules, and space above and below the chart to be inserted upon editing.⁴²

TABLES. Each table must have a brief (one phrase or sentence) title that describes its contents. The title should follow the format "Table 1. Table Title" (Word Style "VD_Table_Title"). The title should be underlined without reference to the text. Put details in footnotes, not in the title (use Word Style "FE_Table_Footnote"). Do NOT modify the amount of space before and after the title as this allows for the space above and below the table to be inserted upon editing.⁴²

Use tables (Word Style "TC_Table_Body") when the data cannot be presented clearly as narrative, when many precise numbers must be presented, or when more meaningful interrelationships can be conveyed by the tabular format. Do not use Word Style "TC_Table_Body" for tables containing artwork. Tables should supplement, not duplicate, text and figures. Tables should be simple and concise. It is preferable to use the Table Tool in your word processing package, placing one entry per cell, to generate tables.⁴²

Displayed equations can be inserted where desired making sure they are assigned Word Style "Normal". Displayed equations can only be one column wide. If the artwork needs to be two columns wide, it must be related as a figure, chart, or scheme and mentioned as such in the text.⁴²

ASSOCIATED CONTENT⁴²

(Word Style "TF_Supporting_Information"). Supporting Information. A brief statement in non-sentence format listing the contents of material supplied as Supporting Information should be included, ending with "This material is available free of charge via the Internet at <http://pubs.acs.org>." For instructions on what should be included in the Supporting Information as well as how to prepare this material for publication, refer to the journal's instructions for Authors.⁴²

AUTHOR INFORMATION⁴²

Corresponding Author⁴²

(Word Style "FA_Corresponding_Author_Footer"). Give contact information for the author(s) to whom correspondence should be addressed.⁴²

Present Address⁴²

If an author's address is different than the one given in the affiliation line, this information may be included here.⁴²

Author Contributions⁴²

The manuscript was written through contributions of all authors. / All authors have given approval to the final version of the manuscript. / These authors contributed equally. (match statement to author names with a symbol)⁴²

Funding Sources⁴²

Any funds used to support the research of the manuscript should be placed here (per journal style).⁴²

Notes⁴²

Any additional relevant notes should be placed here.⁴²

ACKNOWLEDGMENT⁴²

(Word Style "TD_Acknowledgments"). Generally the last paragraph of the paper is the place to acknowledge people (dedications), places, and financing (you may state grant numbers and sponsors here). Follow the journal's guidelines on what to include in the Acknowledgement section.⁴²

ABBREVIATIONS⁴²

CCR2, CC chemokine receptor 2; CCL2, CC chemokine ligand 2; CCR5, CC chemokine receptor 5; TLC, thin layer chromatography.⁴²

REFERENCES⁴²

(Word Style "TF_References_Section"). References are placed at the end of the manuscript. Authors are responsible for the accuracy and completeness of all references. Examples of the recommended formats for the various reference types can be found at <http://pubs.acs.org/journals/infodocs/index.html>. Detailed information on reference style can be found in The ACS Style Guide, available from Oxford Press.⁴²

References

Author Information

Funding Sources

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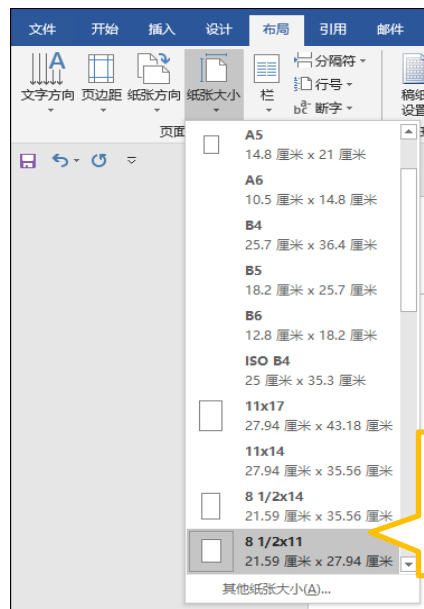
Acceptable Software by File Designation

A list of acceptable software formats for each File Designation is provided below. Files that are not in an acceptable format will be rejected by the ACS Paragon Plus system.

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Manuscript PDF File	File Extension
Portable Document Format	.pdf

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Tagged Image File Format	.tif
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US Letter 格式
8 1/2 * 11

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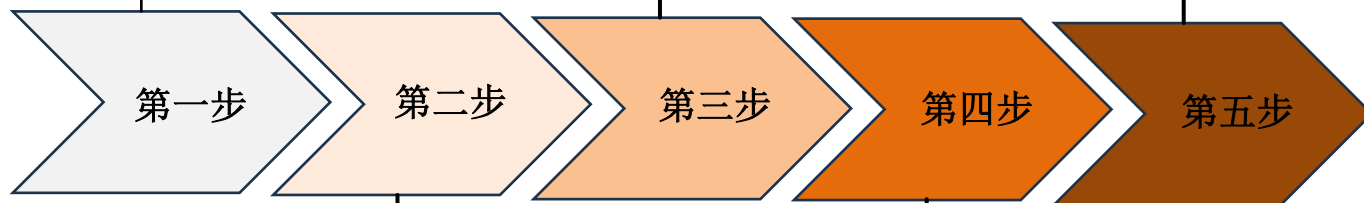


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参考期刊投稿指南 **Author Guidelines** 和期刊范围 **Journal Scope**，自己的研究成果至少需要与之相关。这些信息可以在 ACS 投稿中心找到

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



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数据统计在下方二维码官方链接，包括：

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-投稿到首次外审决定时间的中位数	First Peer Review Decision
-投稿到稿件被接收的时间的中位数	Submission to Accept



→ Journal Metrics*

→ Peer Review Metrics*

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■ 阅读期刊投稿指南 Author Guidelines

The screenshot shows the top navigation bar of the ACS Publications website. It includes links for 'Login', 'Register', and 'Cart' on the left, and 'ACS', 'ACS Publications', 'C&EN', and 'CAS' on the right. Below the navigation bar is the ACS Publications logo with the tagline 'Most Trusted. Most Cited. Most Read.' and a search bar with '中文' and a magnifying glass icon. The breadcrumb trail reads 'ACS Publications > ACS Researcher Resources > Author Guidelines'.

This screenshot shows a dropdown menu titled 'Select an ACS Journal'. Below the dropdown, there is a list of links for journal-specific information:

- Journal Scope
- Manuscript Types
- Manuscript Preparation Instructions
- Editorial Policies
- Data and Figure Requirements
- Open Access and Preprint Policies
- Contact Information

At the bottom, it says 'Or, learn about submitting with [Fast Format](#).'

This screenshot shows the 'Journal Guidelines And Templates' page. It features a blue button labeled 'Select an ACS journal'. Below the button, there is a link: 'Looking for information on book publishing? [Get the basics here.](#)'

On the right side, under the heading 'Select an ACS journal to access:', there is a list of links:

- Author Guidelines
- Journal Scope
- Data and Figure Requirements
- Open Access and Preprint Policies
- Contact Information

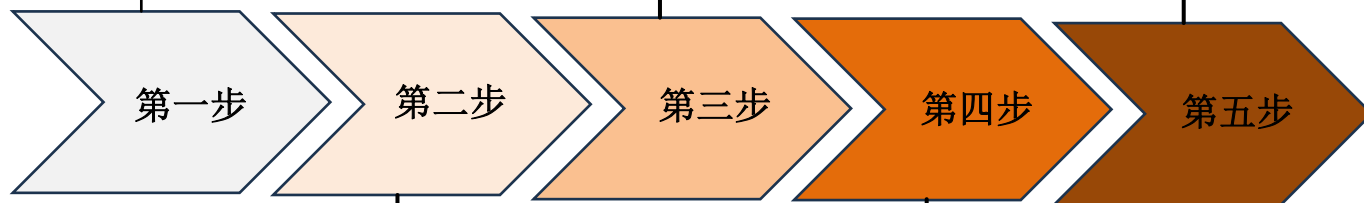
At the bottom right, there is a link: 'Submit with [Fast Format](#)'.

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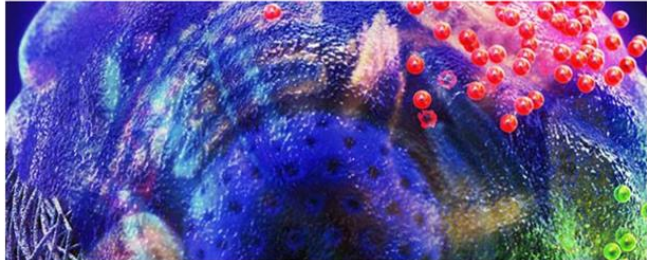
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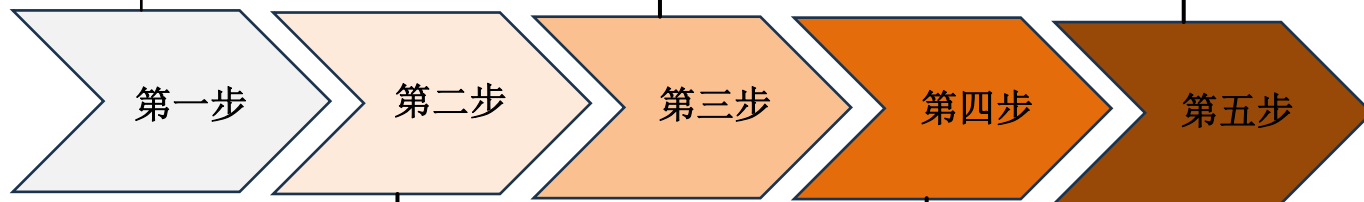
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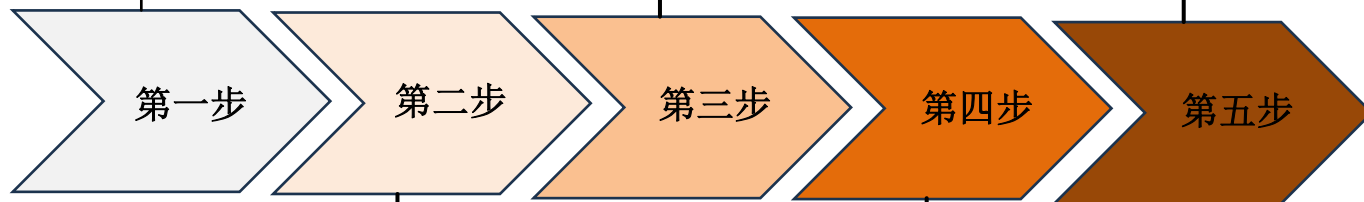
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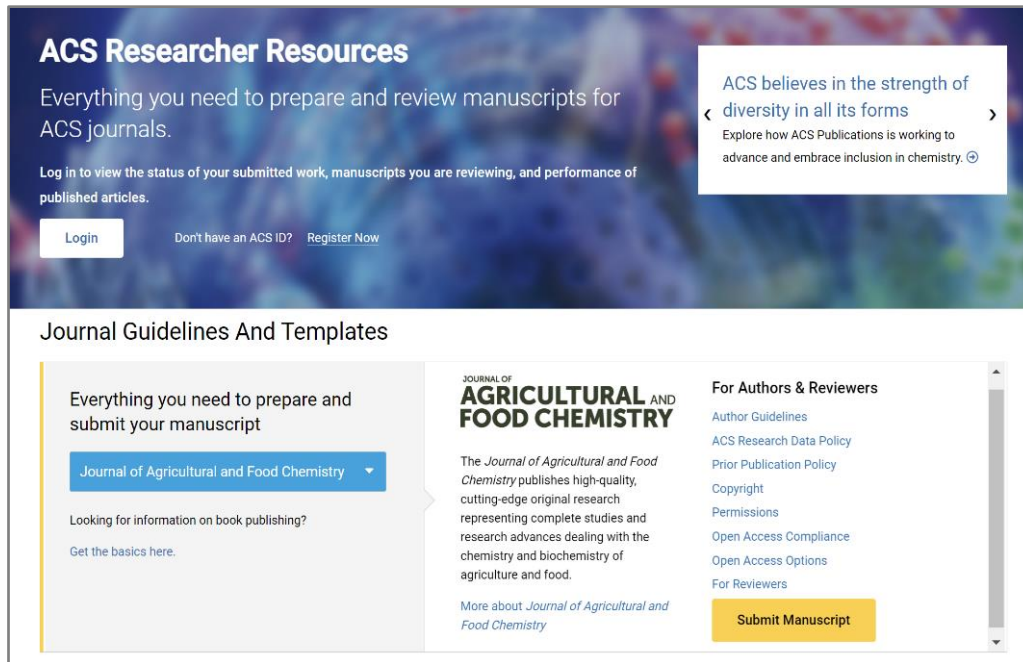
■ 投稿平台 ACS Researcher Resources

 准备和上传稿件

 作者投稿指南

 了解同行评议

 了解出版政策



The screenshot shows the ACS Researcher Resources website. At the top, it says "ACS Researcher Resources" and "Everything you need to prepare and review manuscripts for ACS journals." Below this, there is a "Login" button and links for "Don't have an ACS ID?" and "Register Now". A quote box on the right states: "ACS believes in the strength of diversity in all its forms. Explore how ACS Publications is working to advance and embrace inclusion in chemistry." The main content area is titled "Journal Guidelines And Templates" and features a dropdown menu for "Journal of Agricultural and Food Chemistry". Below the dropdown, there is a link to "Looking for information on book publishing?" and "Get the basics here." To the right, there is a section for "JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY" with a description of the journal and a "Submit Manuscript" button. A sidebar on the right lists "For Authors & Reviewers" with links to "Author Guidelines", "ACS Research Data Policy", "Prior Publication Policy", "Copyright", "Permissions", "Open Access Compliance", "Open Access Options", and "For Reviewers".

提交稿件 publish.acs.org/publish

■ 投稿平台 ACS Researcher Resources

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注册 ACS ID

步骤 2
选择 ACS 期刊
进行投稿

步骤 3
作者投稿指南

步骤 4
上传稿件

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■ 填写作者信息*



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State/Province: --- Select One ---

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Previous Next

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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

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Step 1

Step 1

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

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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 >

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Preview Special Characters

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标题 **Title**

给自己的文章起一个引人注目的标题。

* Abstract

Write or Paste Abstract

Preview Special Characters

0 OUT OF 4000 CHARACTERS

摘要 **Abstract**

通常不超过 250 英文单词，具体看稿件要求。

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

Select... ▾

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 >

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File Upload

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Select File 1 ...	* Manuscript File
Select File 2 ...	Choose File Designation ...
Select File 3 ...	Choose File Designation ...
Select File 4 ...	Cover Art
Select File 5 ...	Cover Art Caption
Select File 6 ...	Graphic for manuscript
	Manuscript PDF File
	Other files for Editors only
	Supporting Information for Publication
	Supporting Information for Review Only
	Web Enhanced Object

Select File 6 ...	Choose File Designation ...

File Upload

Manuscript (Word/PDF)
Supporting Information
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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 Pol 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

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Add Author

Find using Author's email address

< Previous Step

Save

Save & Continue >

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
---------	------------	----------	-------------

Add Reviewer

Add Reviewer

推荐审稿人

Editors

ACTIONS	PREFERENCE	EDITOR	INSTITUTION
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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, 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 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 CHARACTERS

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.**

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✗ Step 1: Type, Title, & Abstract [Edit](#)

⚠ Please attend to the following:

- Title is missing.
- Abstract text is required.

FIELD	RESPONSE
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Manuscript Type	Article
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Title	INCOMPLETE
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Abstract	INCOMPLETE
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If your paper is for a special issue, please select which issue:

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作者目前需要
处理的稿件

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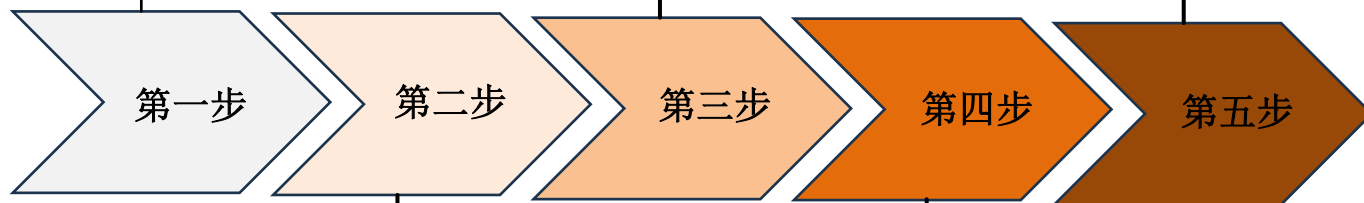
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提交和送审

文章更正-校对稿件-出版信息确认
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同行评审 **Peer Review**

审稿决定 **Provide a Decision to Author**

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Publishing Process



开展科研实践



论文写作



期刊投稿



同行审稿人
进行评审



副编辑审稿



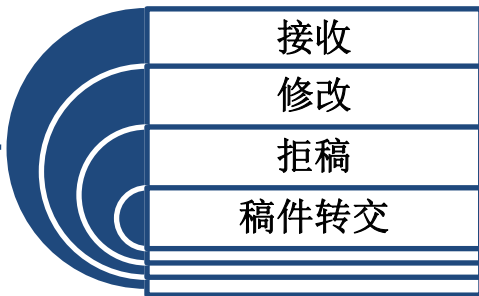
主编初审



稿件检测



审稿人意见
编辑决定



编辑校正
数字出版

编辑初审 Editorial Review (Pre-Screening)

■ 编辑从哪些方面判断文章是否适合本期刊？

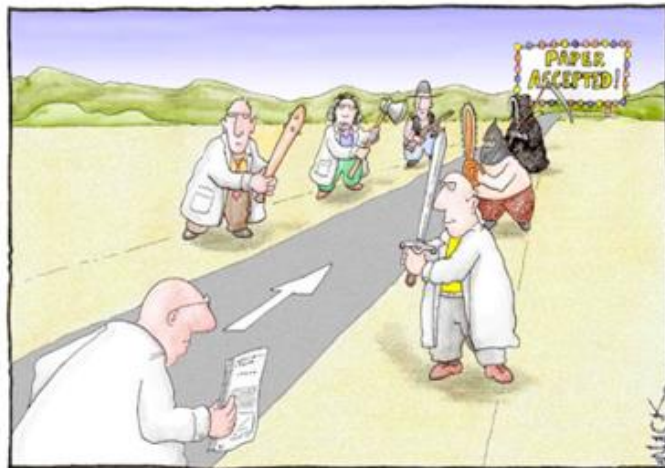
- Scope 符合范围
- Scientific merit 科学价值
- Significance 意义和重要性

■ 初审之后，快速作出决定：

- Peer Review Process 同行评审
- Immediately Reject 拒稿

■ 初审的作用：

- 避免稿件堆积
- 做出快速回复



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

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.

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。

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.

投稿中的学术道德

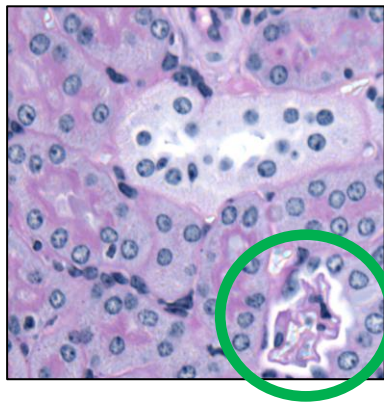
1. 违反学术道德的常见情况

- 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

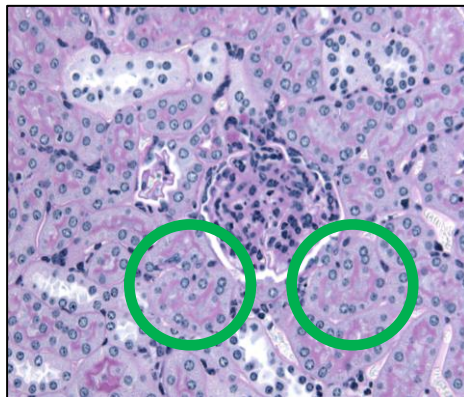
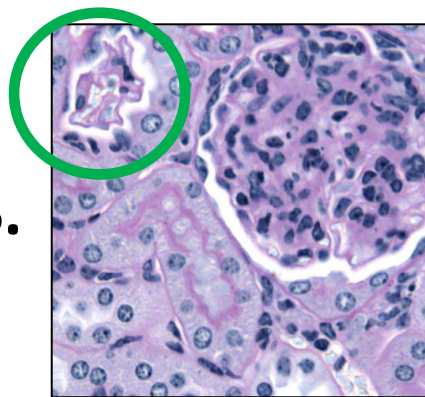
2. 违反学术道德如何被发现

- 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.



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。

图C