

探索ACS数据库学术资源，助力科研学习与成果发表

安徽理工大学
2025年5月27日



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5. AI工具用于科学交流的实践规范指南



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 Publications
Most Trusted. Most Cited. Most Read.

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.

ACS 期刊拥有高影响力，助力高校资源建设

根据期刊引用报告（JCR）

56 种订阅期刊被SCI收录，**7** 种订阅期刊被ESCI收录（均有影响因子）

30 种期刊影响因子超过 **5.0**

近年产生的年被引量均超过 **400万次**

30 种期刊以超过 **10万次** 的年被引用量排名SCI前列

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: 14.5 | Citations: 568,486

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.



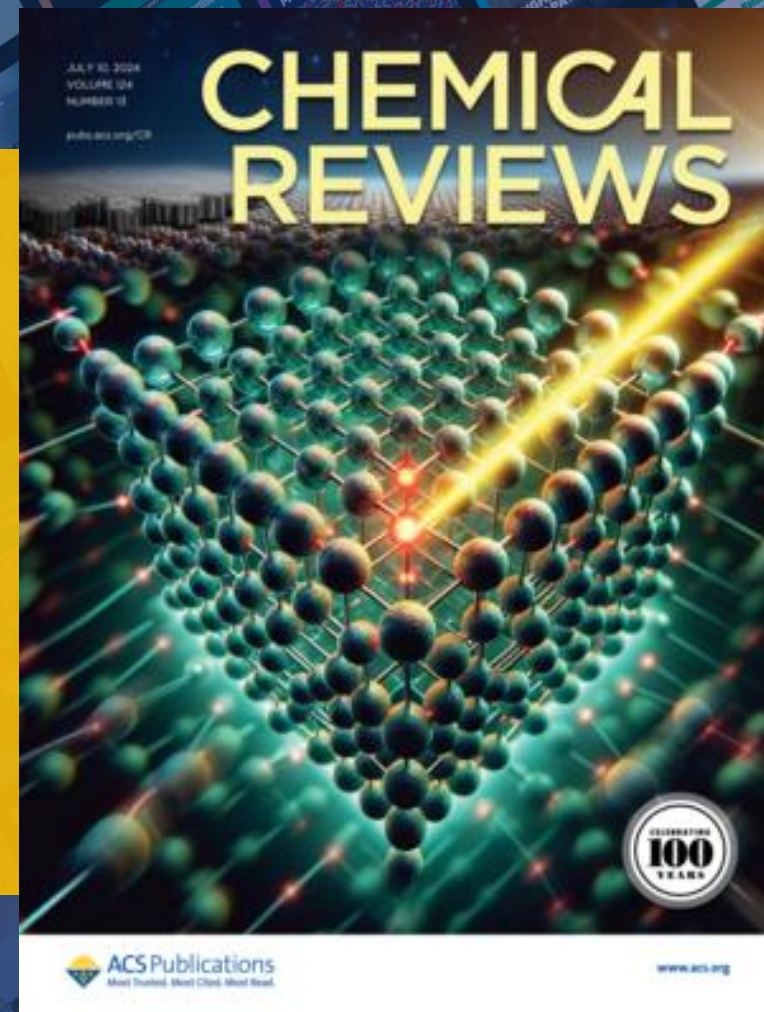
Chemical Reviews 化学评论

2023 Impact Factor: 51.5 | Citations: 230,879

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个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.

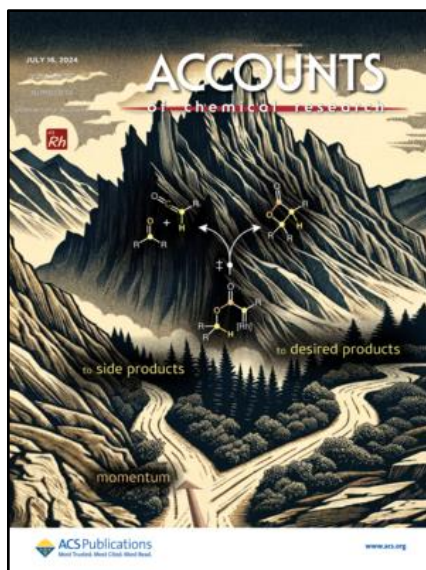


材料研究述评/化学研究述评

Accounts of Materials Research

主要发表在某一材料科学分支内相关基础、应用或工程研究领域内的具有作者团队自己研究特色的述评文章，或者前瞻性观点。

期刊收录研究方向：材料科学



Accounts of Chemical Research

IMPACT FACTOR

16.7



Accounts of Materials Research

IMPACT FACTOR

14.0

Accounts of Chemical Research

主要发表化学和生物化学领域内关于基础研究和应用的、具有作者团队自己研究特色的述评文章，或者前瞻性观点。

期刊收录研究方向：化学，跨学科化学

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

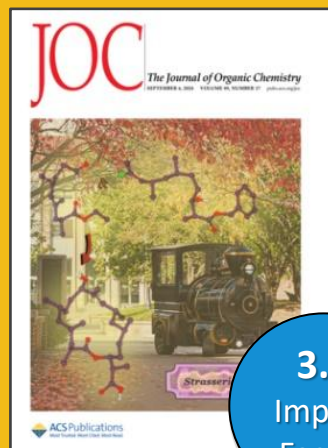
有机化学被引用次数最多的期刊之一

■ Inorganic Chemistry

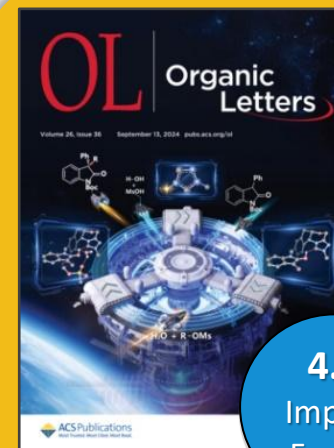
无机化学领域被引用次数最多的期刊

■ Crystal Growth & Design

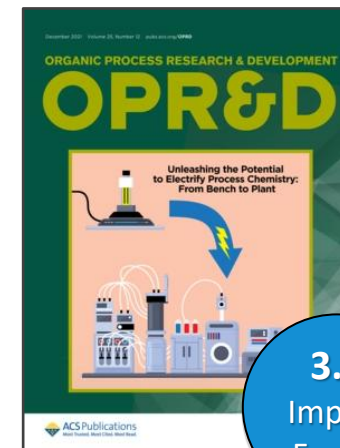
晶体学领域被引用次数最多的期刊



3.3
Impact
Factor



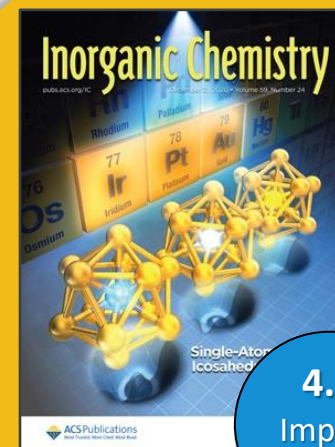
4.9
Impact
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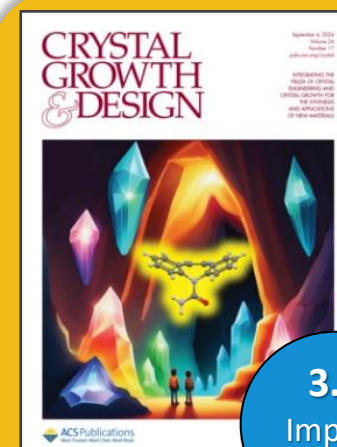
3.1
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2.5
Impact
Factor



4.3
Impact
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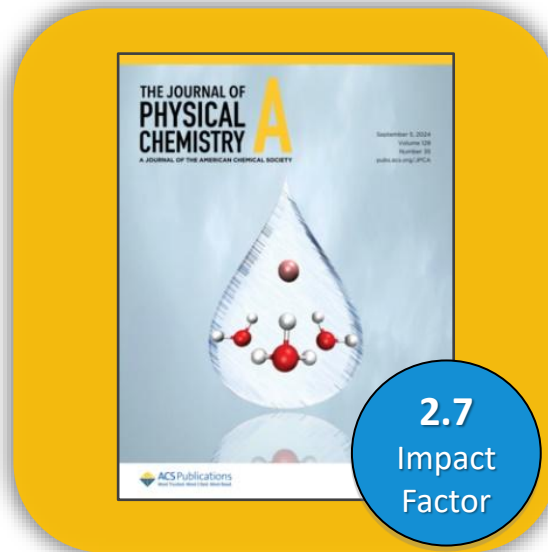


3.2
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Factor

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

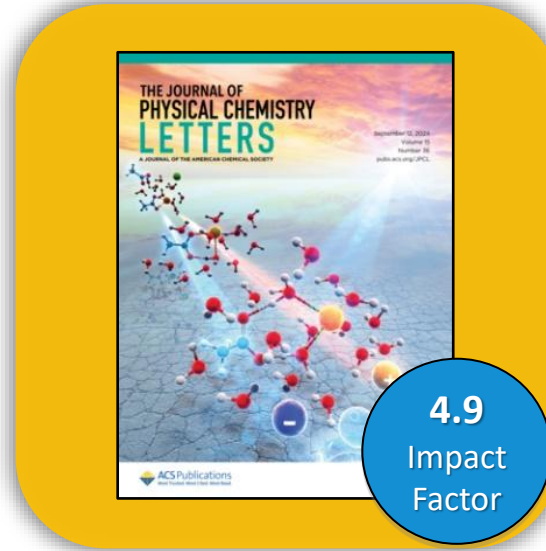


The Journal of Physical Chemistry B

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



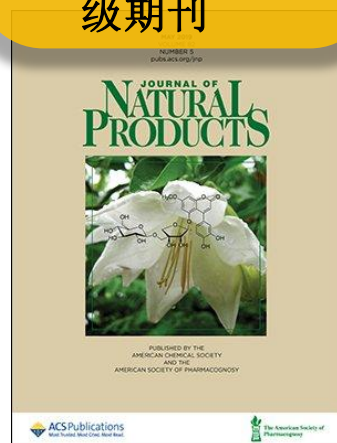
The Journal of Physical Chemistry Letters

物理化学领域的快报类期刊

Pharmaceuticals 药物化学



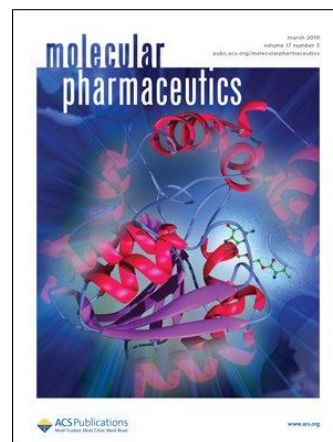
药物化学
领域内的顶
级期刊



天然产物研究



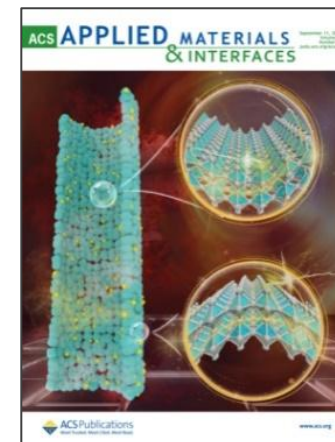
药物化学快报



分子药剂学



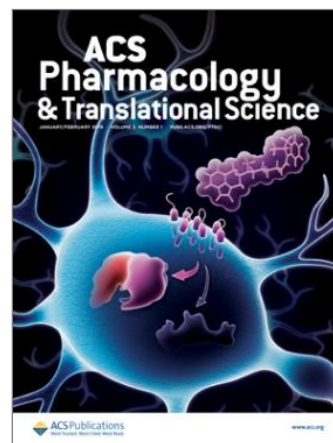
药物制剂



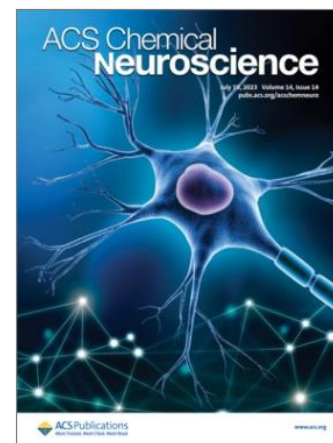
界面现象&应用



毒理学



药学与转化科学



化学神经科学



传染病研究

Journal of Medicinal Chemistry 药物化学

2023 Impact Factor: 6.9 | Citations: 88,146

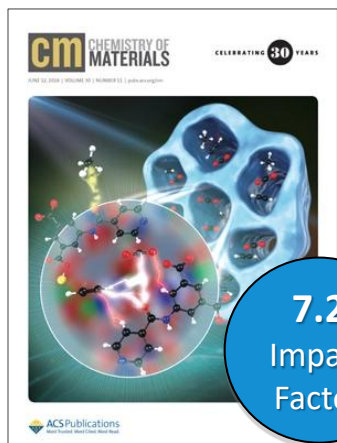
Journal of Medicinal Chemistry 是药物化学领域被引用次数最多的期刊，研究范围包括：

- 1) 化合物分子结构与生物活性之间的关系
- 2) 先导化合物的设计、合成、优化和评价
- 3) 药物靶点的发现
- 4) 药物的作用机理和代谢过程
- 5) 药物化学领域新颖的方法与应用

期刊收录研究方向：药物化学 (JCR - Q1区)
Indexed in: CAS, SCIE, Scopus, PubMed, etc.



Materials Science & Engineering 材料科学与工程



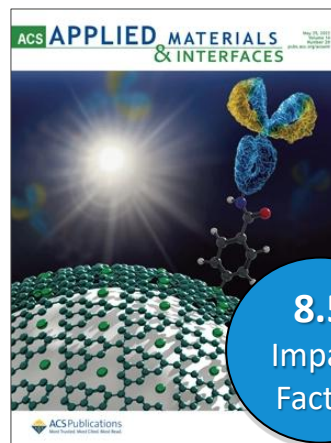
7.2
Impact
Factor

材料化学



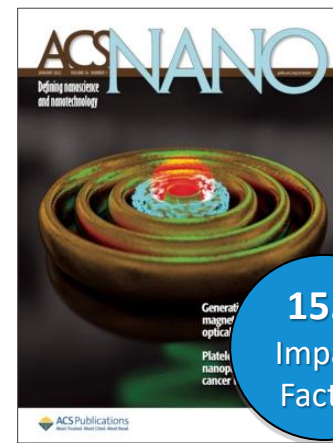
9.9
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材料快报



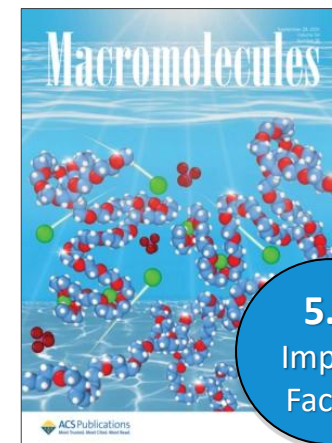
8.5
Impact
Factor

应用材料&界面



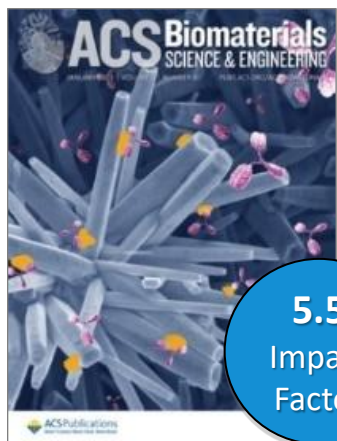
15.8
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纳米材料



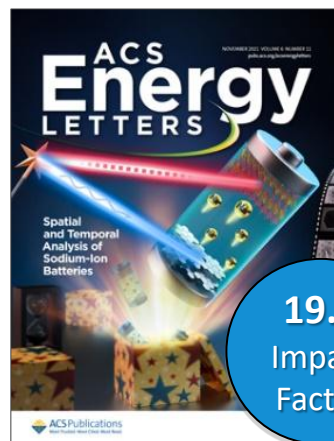
5.1
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高分子材料



5.5
Impact
Factor

生物材料



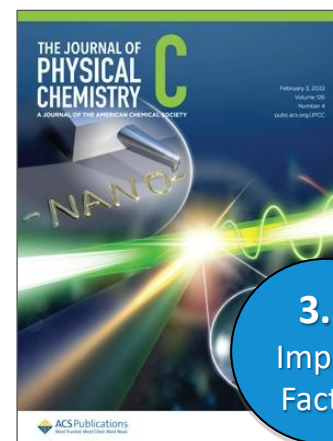
19.5
Impact
Factor

能源材料快报



11.7
Impact
Factor

催化科学



3.3
Impact
Factor

材料物理化学



14.0
Impact
Factor

材料综述

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



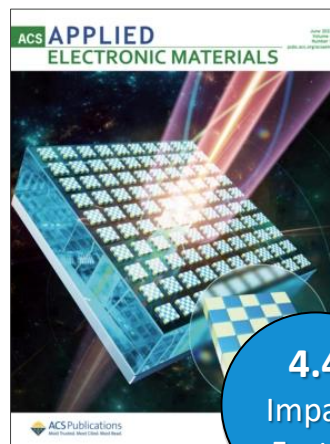
ACS Applied
Materials &
Interfaces

IMPACT FACTOR

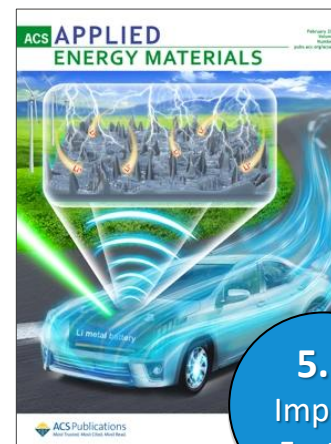
8.5



4.7
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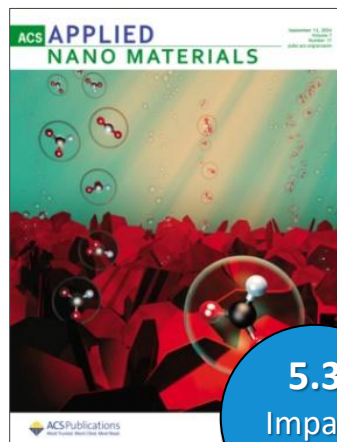
4.4
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5.5
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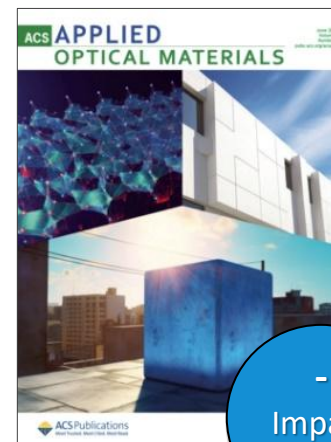
-
Impact
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5.3
Impact
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4.5
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Factor



-
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

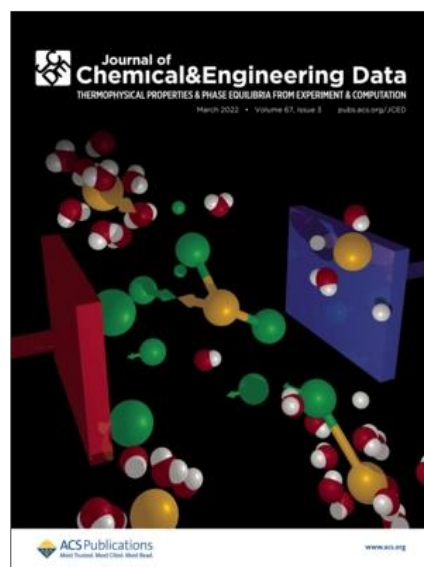
光学材料 Optical

Energy and Transportation 化工与能源



*Industrial &
Engineering
Chemistry Research*

IMPACT FACTOR
3.8



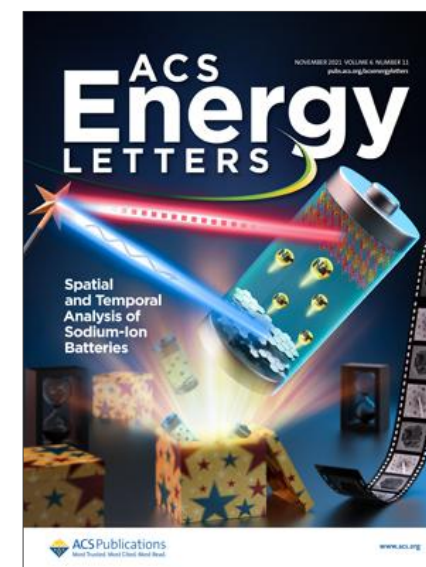
*Journal of Chemical
& Engineering Data*

IMPACT FACTOR
2.0



Energy & Fuels

IMPACT FACTOR
5.2



ACS Energy Letters

IMPACT FACTOR
19.5

Industrial & Engineering Chemistry Research

2023 Impact Factor: 3.8 | Citations: 90,058

I & ECR 期刊收录应用化学及化学工程领域中基本原理、过程及产物的研究：

- 1) 基于实验、理论、数统、描述、化学和物理等基本研究方法，或结合多种方法的研究（例如通过建模进行验证的实验）
- 2) 热力学，传递现象，化学反应动力学和工程，催化，分离和过程系统工程相关的重大基础研究进展的报告。
- 3) 产品研发取得重大进展的报告，使用化学和工程原理来改进或制造新的催化剂、塑料、吸附剂、膜和功能材料。

期刊收录研究方向：化学工程 (JCR - Q2区)
Indexed in: CAS, SCIE, Scopus, PubMed, etc.

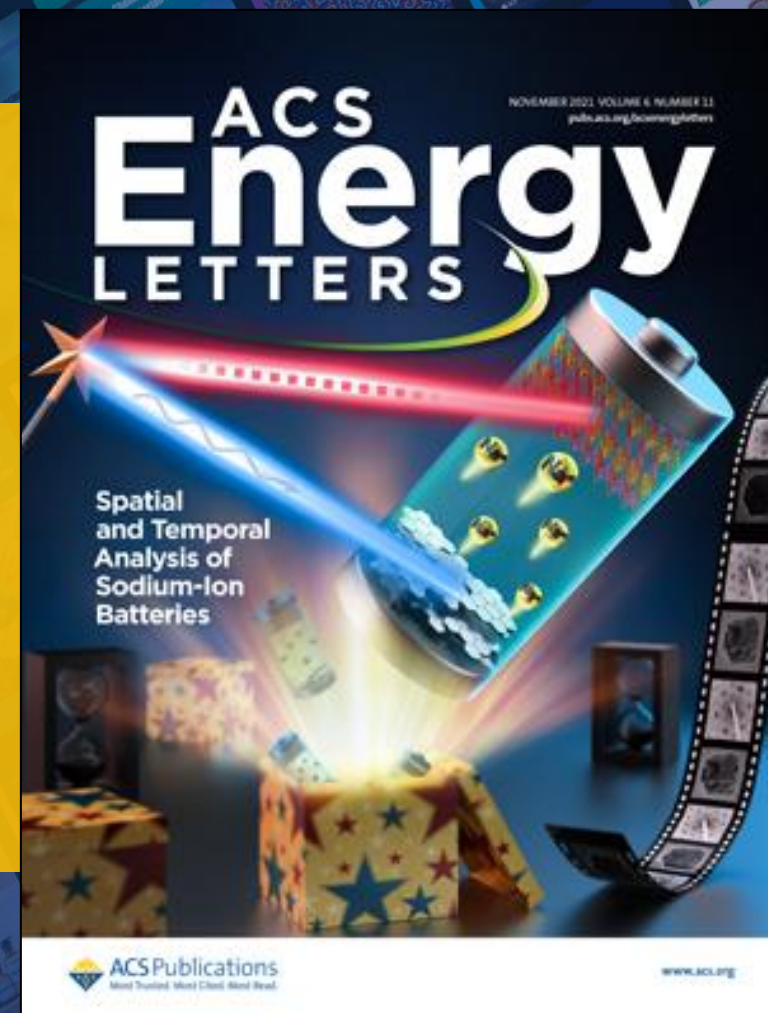


ACS Energy Letters

2023 Impact Factor: 19.5 | Citations: 55,589

新能源材料领域的权威期刊

1. 能源材料、采光组件
2. 能量转换过程（催化和光催化）
3. 太阳能燃料（制氢、减少二氧化碳排放）
4. 无机、有机和混合光伏技术
5. 光合作用和生物燃料
6. 燃料电池、蓄电池和超级电容器
7. 等离子体、有机发光二极管和光显示系统
8. 串联设备、压电和热电工艺



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ACS Publications
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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 **19** 种，分别具有不同的内容和定位。

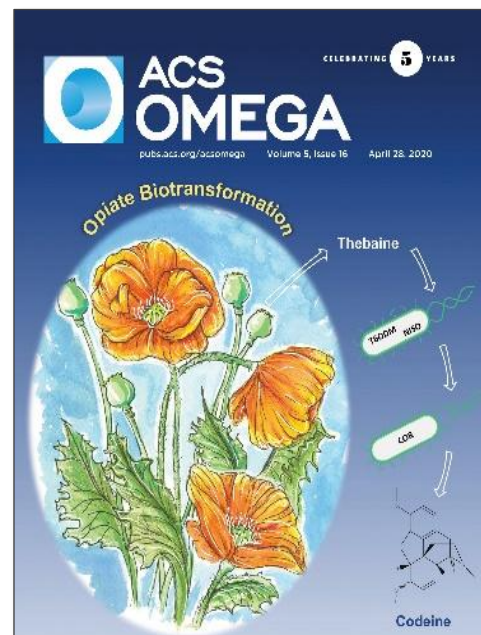


ACS Central Science

Launched in 2015

IMPACT FACTOR

13.1

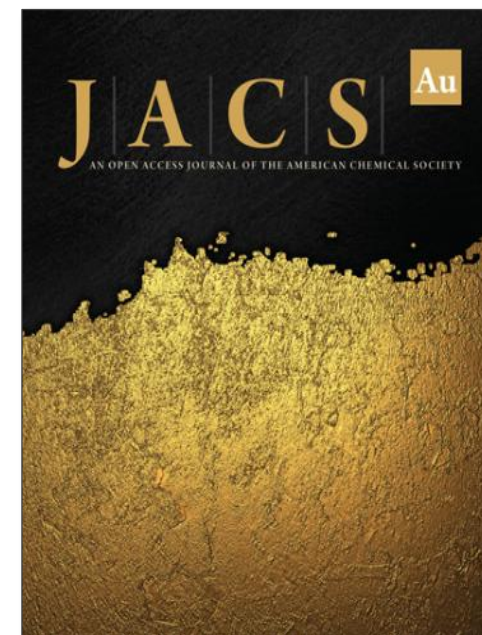


ACS Omega

Launched in 2016

IMPACT FACTOR

3.7



JACS Au

Launched in 2021

IMPACT FACTOR

8.6

Open Access Journals

美国化学会旗下的开放获取期刊总共有 **19** 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 数据库平台功能和文献检索

ACS 数据库主页 pubs.acs.org

The screenshot shows the ACS Publications homepage. At the top, there is a navigation bar with links for ACS, ACS Publications, C&EN, and CAS, along with a search bar and links for 'Find my institution' and 'Log In'. Below this, the ACS Publications logo is displayed with the tagline 'Most Trusted. Most Cited. Most Read.'.

The main content area is divided into four sections: 'FOR ORGANIZATIONS', 'FOR AUTHORS', 'EVENTS & CONFERENCES', and 'OPEN SCIENCE'. The 'FOR ORGANIZATIONS' section features the headline 'Most Trusted. Most Cited. Most Read.' and a paragraph about ACS Publications' commitment to publishing high-quality content. A yellow 'Get Access' button is located below this text.

The 'Browse Content' section displays a row of seven colored tiles representing different scientific fields: 'All Subjects', 'Analytical', 'Applied', 'Biological', 'Materials Science & Engineering', 'Organic-Inorganic', and 'Physical'. Each tile includes an icon and a right-pointing arrow.

On the right side, there is a 'Latest from the ACS Axial Blog' section with three entries: 'How ACS Read and Publish Agreements Are Facilitating Significant Growth in Open Access', '18 ACS Journals Pilot Contributor Roles Taxonomy', and 'A Conversation with Sarah Tegen, PhD, ACS Publications' New Chief Publishing Officer'. A yellow callout box points to this section with the text 'ACS 科研社区博客'.

At the bottom, there are four white buttons: 'Publish with ACS', 'New Products & Services', 'ACS Open Science', and 'Explore ACS Solutions'. A yellow callout box points to the 'Browse Content' section with the text '浏览所有 ACS 期刊及其出版物'.



ACS 数据库主页 pubs.acs.org

ACS ACS Publications C&EN CAS
Access provided by IGROUP ASIA PACIFIC SHANGHAI | Welcome: Maggie | Logout

🔍

My Activity
 Publications

FOR ORGANIZATIONS
FOR AUTHORS
EVENTS & CONFERENCES
OPEN SCIENCE

All Subjects

Analytical

Applied

Biological

Materials Science & Engineering

Organic-Inorganic

Physical

Subject Filter: All Subjects

OA indicates content is Open Access

<p>A</p> <ul style="list-style-type: none"> Accounts of Chemical Research Accounts of Materials Research ACS Agricultural Science & Technology ACS Applied Bio Materials ACS Applied Electronic Materials ACS Applied Energy Materials ACS Applied Engineering Materials ACS Applied Materials & Interfaces ACS Applied Nano Materials ACS Applied Optical Materials ACS Applied Polymer Materials ACS Bio & Med Chem Au OA 	<ul style="list-style-type: none"> ACS Food Science & Technology ACS Guide to Scholarly Communication ACS In Focus ACS Infectious Diseases ACS Macro Letters ACS Materials Au OA ACS Materials Letters ACS Measurement Science Au OA ACS Medicinal Chemistry Letters ACS Nano ACS Nanoscience Au OA ACS Omega OA ACS Organic & Inorganic Au OA 	<p>B</p> <ul style="list-style-type: none"> Biochemistry Bioconjugate Chemistry Biomacromolecules <p>C</p> <ul style="list-style-type: none"> C&EN Global Enterprise Chem & Bio Engineering OA Chemical & Biomedical Imaging OA Chemical Research in Toxicology Chemical Reviews Chemistry of Materials Crystal Growth & Design <p>E</p>
		<ul style="list-style-type: none"> Journal of Chemical Theory and Computation Journal of Medicinal Chemistry Journal of Natural Products The Journal of Organic Chemistry The Journal of Physical Chemistry A The Journal of Physical Chemistry B The Journal of Physical Chemistry C The Journal of Physical Chemistry Letters Journal of Proteome Research Journal of the American Chemical Society Journal of the American Society for Mass Spectrometry <p>L</p> <ul style="list-style-type: none"> Langmuir

Journal Homepages 期刊页面



Volume 146, Issue 48
December 4, 2024

Journal of the American Chemical Society

The flagship journal of the American Chemical Society, JACS publishes significant, highly cited articles with broad interest across all chemical science.

An ACS Transformative Journal – learn more

Editor-in-Chief: Erick Carreira
Editors & Editorial Board

2 Year Impact Factor 2023: 14.5 | Citations 2023: 568,486 | CiteScore 2023: 24.4

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期刊影响因子 & 被引用次数

List of issues 卷期列表

Simultaneous Observation of the Anomerization and Reaction Rates of Enzymatic Dehydrogenation of Glucose-6-Phosphate by ...
Mehdi Soussi-Therond, ... and Daniel Abergel*
December 5, 2024

Removal of Trace Benzene from Cyclohexane Using a MOF Molecular Sieve
Rui-Chao Zhao, ... and Jian-Rong Li*
December 5, 2024

Amide-Based Naphthotubes as Biomimetic Receptors for Acetal Protection and Other Substrates in Water via Noncovalent Interactions
Hang Zhou, ... and Wei Jiang
December 5, 2024

A Versatile "Synthesis Tag" (SynTag) for the Chemical Synthesis of Aggregating Peptides and Proteins
Héloïse Bürgisser, ... and Nina Hartrampf*
December 5, 2024

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期刊介绍


Journal Homepages 期刊页面

2020s 2010s 2000s 1990s 1980s 1970s 1960s 1950s 1940s 1930s 1920s 1910s 1900s 1890s 1880s 1870s

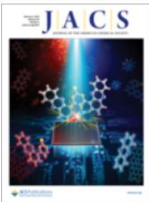
2025 2024 2023 2022 2021 2020

期刊的出版年份


Archive of 2025 Online Issues




February 12, 2025 | Vol. 147 Issue 6
pp. 4685-5494
CURRENT ISSUE



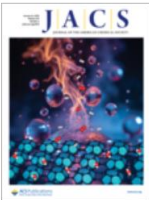
February 5, 2025 | Vol. 147 Issue 5
pp. 3913-4684




January 29, 2025 | Vol. 147 Issue 4
pp. 2917-3912



January 22, 2025 | Vol. 147 Issue 3
pp. 2239-2916



January 15, 2025 | Vol. 147 Issue 2
pp. 1367-2238



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Issue 代表期数：JACS是周刊，每年 51 期

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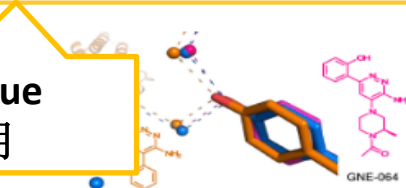


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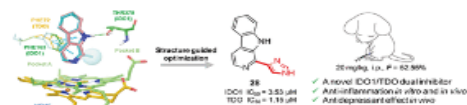
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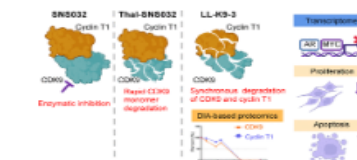
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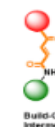
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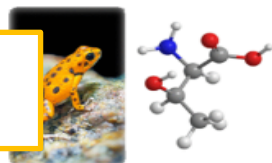


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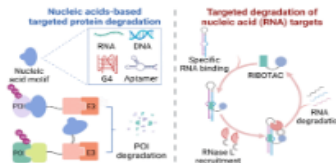
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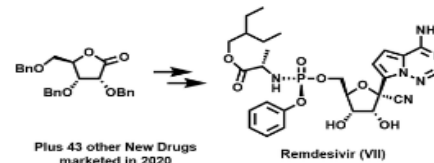
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Three-Component Cross-Electrophile Coupling: Regioselective Electrochemical Dialkylolation of Alkenes

Lingxiang Lu, Yi Wang, Wendy Zhang, Wen Zhang, Kimberly A. See, and Song Lin*

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Abstract

The cross-electrophile dialkylolation of alkenes enables the formation of two C(sp³)-C(sp³) bonds from readily available starting materials in a single transformation, thereby providing a modular and expedient approach to building structural complexity in organic synthesis. Herein, we exploit the disparate electronic and steric properties of alkyl halides with varying degrees of substitution to accomplish their selective activation and addition to alkenes under electrochemical conditions. This method enables regioselective dialkylolation of alkenes without the use of a transition-metal catalyst and provides access to a diverse range of synthetically useful compounds.

Acknowledgments

Financial support was provided by NIGMS (R01GM130928; to S.L.) and NSF Center for Synthetic Organic Electrochemistry (CHE-2002158; to K.A.S.). S.L. is grateful to FMC Corporation for a New Investigator Award and the Camille and Henry Dreyfus Foundation for a Camille Dreyfus Teacher-Scholar Award. K.A.S. acknowledges support from the David and Lucile Packard Fellowship for Science. We thank K. R. Melhaus, L. F. T. Novaes, J. I. Martinez Alvarado, and J. Rein for manuscript editing, I. Keresztes and D. Wood for assistance in mass spectrometry data collection and analysis, A. J. Ressler, S. J. Lee, and Z. Lu for assistance in substrate synthesis, and J. Liu for reproducing experiments.

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This article references 31 other publications.

- (a) Corey, E. J.; Cheng, X.-M. *The Logic of Chemical Synthesis*; Wiley: New York, 1995.
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- (b) Choi, J.; Fu, G. C. Transition Metal-Catalyzed Alkyl-Alkyl Bond Formation: Another Dimension in Cross-Coupling Chemistry. *Science* **2017**, 356, eaaf7230, DOI: 10.1126/science.aaf7230
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(a) Derosa, J.; Apolinar, O.; Kang, T.; Tran, V. T.; Engle, K. M. Recent Developments in Nickel-Catalyzed Intermolecular Dicarbofunctionalization of Alkenes. *Chem. Sci.* **2020**, 11, 4287–4296, DOI: 10.1039/C9SC06006E
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- (b) Luo, Y.-C.; Xu, C.; Zhang, X. Nickel-Catalyzed Dicarbofunctionalization of Alkenes. *Chin. J. Chem.* **2020**, 38, 1371–1394, DOI: 10.1002/cjoc.202000224

Chemical Reaction Scheme:

$$Z-CH=CH_2 + R^1-Br + R^2-X \xrightarrow{+2e^-} Z-CH(R^1)-CH(R^2)-R^1$$

Representative products:

Figure 1: Redox-neutral alkene dialkylolation (refs 3–6)

Scheme 1:

(A) Redox-neutral alkene dialkylolation (refs 3–6)

(B) Ni-catalyzed directed reductive dialkylolation (ref 9)

(C) Ni-catalyzed nondirected reductive dialkylolation (ref 10)



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Reversible Spatiotemporal Control of Induced Protein Degradation by Bistable PhotoPROTACS

Mark Pfaff^{1,*}, Kusal T. G. Samarasinghe^{2,*}, Craig M. Crews^{2,3,4} and Erick M. Carreira¹

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²Department of Molecular, Cell, and Developmental Biology, Yale University, New Haven, CT 06511, United States

³Department of Chemistry, Yale University, New Haven, CT 06511, United States

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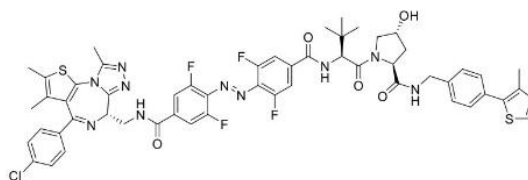
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(2S,4R)-1-((S)-2-{4-((E)-4-(((S)-4-(4-chlorophenyl)-2,3,9-trimethyl-6H-thieno[3,2-f][1,2,4]triazolo[4,3-a][1,4]diazepin-6-yl)methyl)carbamoyl)-2,6-difluorophenyl)diazetyl)-3,5-difluorobenzamido)-3,3-dimethylbutanoyl)-4-hydroxy-N-(4-(4-methylthiazol-5-yl)benzyl)pyrrolidine-2-carboxamide (photoPROTAC-1)



JQ-1 amine **18** (10.5 mg, 28.0 μ mol, 1.00 equiv) and acid **54** (21.4 mg, 28.0 μ mol, 1.00 equiv) were dissolved in anhydrous DMF (0.28 mL, 0.1 M). DIPEA (12 μ L, 85 μ mol, 3.00 equiv) and HATU (11.3 mg, 30.0 μ mol, 1.05 equiv) were added to the reaction mixture at room temperature. After 2 hours, the reaction mixture was quenched by addition of sat. aq. NaHCO₃ and the aq. phase was extracted three times with EtOAc. The combined org. layers were washed with brine and dried over sodium sulfate. Residual DMF and tetramethylurea were removed by lyophilization after freezing in a water/dioxane mixture. The crude product was further purified by flash column chromatography (94% EtOAc/4% iPrOH/2% H₂O) to afford photoPROTAC-1 as an orange oil (16.0 mg, 14.0 μ mol, 51%).

R_f = 0.36 (85% EtOAc/10% iPrOH/5% H₂O).

¹H NMR (500 MHz, CD₃OD) δ = 8.87 (s, 1H), 7.70 (dd, *J* = 5.1, 1.6 Hz, 2H), 7.67 (dd, *J* = 5.1, 1.6 Hz, 2H), 7.52 (d, *J* = 8.5 Hz, 2H), 7.48 (d, *J* = 8.5 Hz, 2H), 7.44 – 7.40 (m, 4H), 4.91 (s, 1H), 4.65 – 4.50 (m, 4H), 3.87 (dd, *J* = 13.6, 7.0 Hz, 2H), 4.35 (d, *J* = 15.4 Hz, 1H), 3.98 (d, *J* = 11.0 Hz, 1H), 3.87 (dd, *J* = 11.0, 3.8 Hz, 1H), 2.71 (s, 3H), 2.47 (s, 3H), 2.43 (s, 3H), 2.29 – 2.22 (m, 1H), 2.15 – 2.09 (m, 1H), 1.69 (s, 3H), 1.13 (s, 9H).

¹³C NMR (126 MHz, CD₃OD) δ = 174.4, 172.0, 166.8, 166.7, 166.5, 157.4, 156.1, 155.3, 153.0, 152.2, 149.0, 140.3, 139.2, 138.1, 138.1, 134.3, 133.5, 133.4, 133.3, 133.3, 132.0, 132.0, 131.5, 131.4, 131.3, 130.4, 129.8, 129.0, 113.4, 113.1, 71.1, 60.9, 59.9, 58.2, 56.8, 43.7, 42.9, 39.0, 37.2, 27.1, 15.8, 14.4, 12.9, 11.6.

¹⁹F NMR (471 MHz, CD₃OD) δ = -121.4, -121.5.

IR: 3322, 2925, 28855, 1665, 1533, 1427, 1343, 1243, 1090, 1047, 967, 843.

ESI-HRMS: calcd. for C₅₄H₅₂ClF₄N₁₁O₅S₂ [M+H]⁺ 1108.3135, found 1108.3144.

¹H-NMR

¹³C-NMR

¹⁹F-NMR



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
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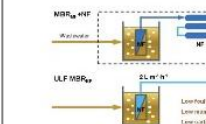
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通讯作者：汤初阳, 香港大学; 邵诗
作者：Chu Zhou, Senlin Shao, Key
Chuyang Y. Tang



农业与环境主题特刊联合征稿 | 农业生态系统中的新兴污染物

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Call for Papers

Journal of Agricultural & Food Chemistry, ACS Agricultural Science & Technology, ACS ES&T Water 三本期刊将联合推出主题特刊：Emerging Contaminants in Agroecosystems, 日前开放征稿中，投稿截止日期：2023年12月1日。

AGRICULTURAL SCIENCE & TECHNOLOGY

AGRICULTURAL SCIENCE & TECHNOLOGY

ACS ES&T Water



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Region in Electrochemical CO₂ Reduction Induced by Potential-Dependent Surface Adsorption



JACS
JOURNAL OF THE AMERICAN CHEMICAL SOCIETY

电化学二氧化碳还原反应被认为是有助于实现碳中和与有效途径之一。已有的研究发金属的催化体系在eCO₂RR中性能，但这些催化体系仍面临工业规模的实际应用。为了实理性设计，深入理解Cu金属的机理具有关键的基础意义。

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ACS Publications

数据库检索方法和案例



快速检索

The screenshot displays the ACS Publications website interface. At the top, a navigation bar includes links for ACS, ACS Publications, C&EN, and CAS, along with a Log In button. Below this, the ACS Publications logo is accompanied by the tagline "Most Trusted. Most Cited. Most Read." A search bar is prominently featured, containing the placeholder text "Search text, DOI, authors, etc." and a magnifying glass icon. To the right of the search bar are links for "My Activity", "Publications", and a menu icon. The main content area is divided into four sections: "FOR ORGANIZATIONS", "FOR AUTHORS", "EVENTS & CONFERENCES", and "OPEN SCIENCE". The "FOR AUTHORS" section is highlighted with a yellow callout box containing the text: "检索词, 检索式, DOI 检索, 引文检索, 作者名检索". Below this, the "Most Trusted. Most Cited." banner is displayed, followed by a "Get Access" button. The "Browse Content" section features a row of seven color-coded tiles representing different scientific fields: All Subjects, Analytical, Applied, Biological, Materials Science & Engineering, Organic-Inorganic, and Physical. Below these tiles, a filter bar shows "Biological" selected, with a "Filter by Letter" dropdown menu displaying letters A, B, C, E, I, J, M, O, and a "Remove Filters" button. The bottom of the page shows a list of publications, including "ACS ES&T Engineering", "ACS Synthetic Biology", and "Journal of Agricultural and Food".

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A ACS ES&T Engineering ACS Synthetic Biology Journal of Agricultural and Food



布尔逻辑算符	举例	意义和作用
AND	A AND B AND C	同时包含字段 A B C 的数据 用于查准，缩小范围
OR	A OR B OR C	至少包含 A B C 其中一个字段的数据 用于查全，检索同义词
NOT	A B NOT C	同时包含字段 A 和 B，但排除 C 用于排除某个特定的字段
常用通配符	举例	意义和作用
*	cata*	零个或多个字符：catalysis, catalyzed, ...
?	palla?ium	只代表一个字符：palladium
“ ”	“A B”	精确检索某个特定词组 如果没有“ ”，相当于 A AND B

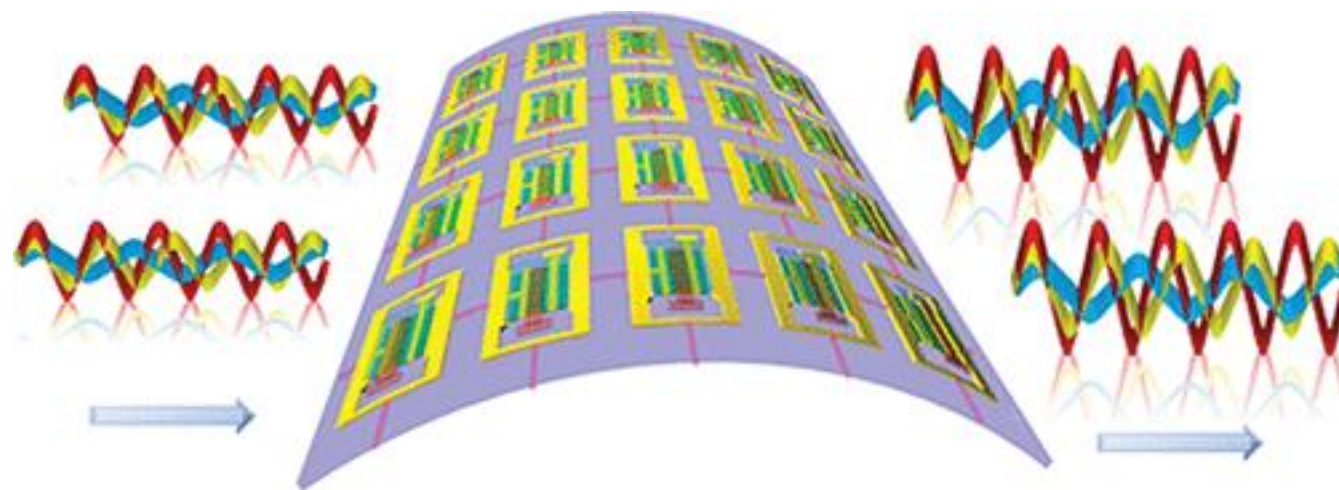
检索词的示例:

检索词 **Semiconductor**

研究对象 半导体

研究领域 物理化学, 材料化学等

检索结果 **73544** 篇



PUBLICATION DATE

Last Year	12647
Last 6 Months	6334
Last 3 Months	3159
Last Month	1107
Last Week	324

IN THIS ISSUE

Articles	13235
Letters	14843
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Perspective	1643

CONTRIBUTOR

Taniguchi, Takashi	396
Watanabe, Kenji	390
Kanatzidis, Mercouri G	374
Kamat, Prashant V	354
Liu, Yang	281

PUBLICATION

The Journal of Physical Chemistry C	20488
ACS Applied Materials & Interfaces	16852
Nano Letters	8940
ACS Nano	8539
Journal of the American Chemical Society	7306

检索式的示例:

检索式 "lithium battery" OR "lithium-ion battery" OR "Li-ion battery"

研究对象 锂电池

研究领域 能源与材料科学

检索结果 22800 篇

PUBLICATION DATE

Last Year 2934

Last 6 Months 1466

Last 3 Months 744

CONTRIBUTOR

Sun, Yang-Kook 109

Wu, Feng 103

Cui, Yi 101

PUBLICATION

ACS Applied Materials & Interfaces 5433

Chemistry of Materials 1628

ACS Nano 1283

检索式 ("lithium battery" OR "lithium-ion battery" OR "Li-ion battery") AND (Electrolyte OR Electrodes) AND recycl*

研究对象 锂电池的回收

研究领域 材料与环境科学

检索结果 2800 篇

PUBLICATION DATE

Last Year 527

Last 6 Months 267

Last 3 Months 154

CONTRIBUTOR

Grey, Clare P 45

Li, Li 19

Wu, Feng 17

PUBLICATION

ACS Applied Materials & Interfaces 531

ACS Sustainable Chemistry & Engineering 337

ACS Applied Energy Materials 208



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ACS Central Science > Vol 6/Issue 8 > Article

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RESEARCH ARTICLE | July 8, 2020

Targeted Degradation of Oncogenic KRAS^{G12C} by VHL-Recruiting PROTACs

Michael J. Bond, Ling Chu, Dhanusha A. Nalawansa, Ke Li, and Craig M. Crews*

Open PDF Supporting Information (1)

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2. 检索引文信息: 期刊 **Journals**, 卷数 **Volume**, 页数 **Page**
3. 跳转到该文献页面

Journals	Vol	Page
ACS Biomaterials Science & Engineering		
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Targeted Degradation of Oncogenic KRAS^{G12C} by VHL-Recruiting PROTACs

Michael J. Bond, Ling Chu, Dhanusha A. Nalawansa, Ke Li, and Craig M. Crews*

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3. 得到检索结果: 75 篇

Michael buchmeiser

Q

Buchmeiser, Michael

Buchmeiser, Michael R

Buchmeiser, Michael Rudolf

PUBLICATION DATE

Last Year	4
Last 6 Months	1

IN THIS ISSUE

Article	64
Communication	3
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CONTRIBUTOR

Frey, Wolfgang	19
Elser, Iris	11
Schowner, Roman	8
Wang, Dongren	8
Benedikter, Mathis J	7

PUBLICATION

Macromolecules	28
Organometallics	16
Journal of the American Chemical Society	7
Analytical Chemistry	6
Chemical Reviews	2

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PER PAGE: 20 50 100

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高级检索

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"cross coupling"

词组检索
符号“ ”, ?, *

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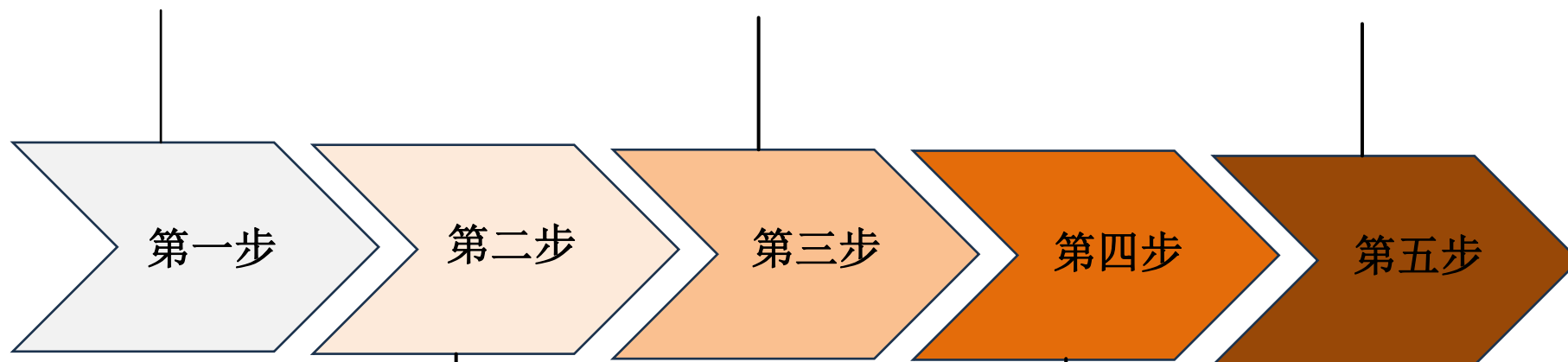


期刊投稿流程

选择合适的投稿期刊

写作 & 准备稿件

正式出版



了解学术道德 & 出版政策

提交和送审

选择合适的投稿期刊 Q&A



怎样选择合适的 ACS 期刊进行投稿？

根据研究成果选择不同定位的期刊，即使不是领域顶刊，通常也是本领域的专业科学期刊。



怎样判断稿件合适某本专业科学期刊？

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

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选择合适的投稿期刊

■ 阅读期刊投稿指南 Author Guidelines


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FOR AUTHORS


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The screenshot shows the main content area of the ACS Publications Author Guidelines page. It features the ACS Publications logo and tagline. Below the logo is a blue button labeled 'Select an ACS Journal'. Underneath the button is a paragraph: 'Select an ACS journal to access its author guidelines, which includes information on topics (and more):'. This is followed by a bulleted list of topics: 'Journal Scope', 'Manuscript Types', 'Manuscript Preparation Instructions', 'Editorial Policies', 'Data and Figure Requirements', 'Open Access and Preprint Policies', and 'Contact Information'. At the bottom of the section is a link: 'Or, learn about submitting with Fast Format.'

Journal Guidelines And Templates

Everything you need to prepare and submit your manuscript

Select an ACS journal

Looking for information on book publishing?

[Get the basics here.](#)

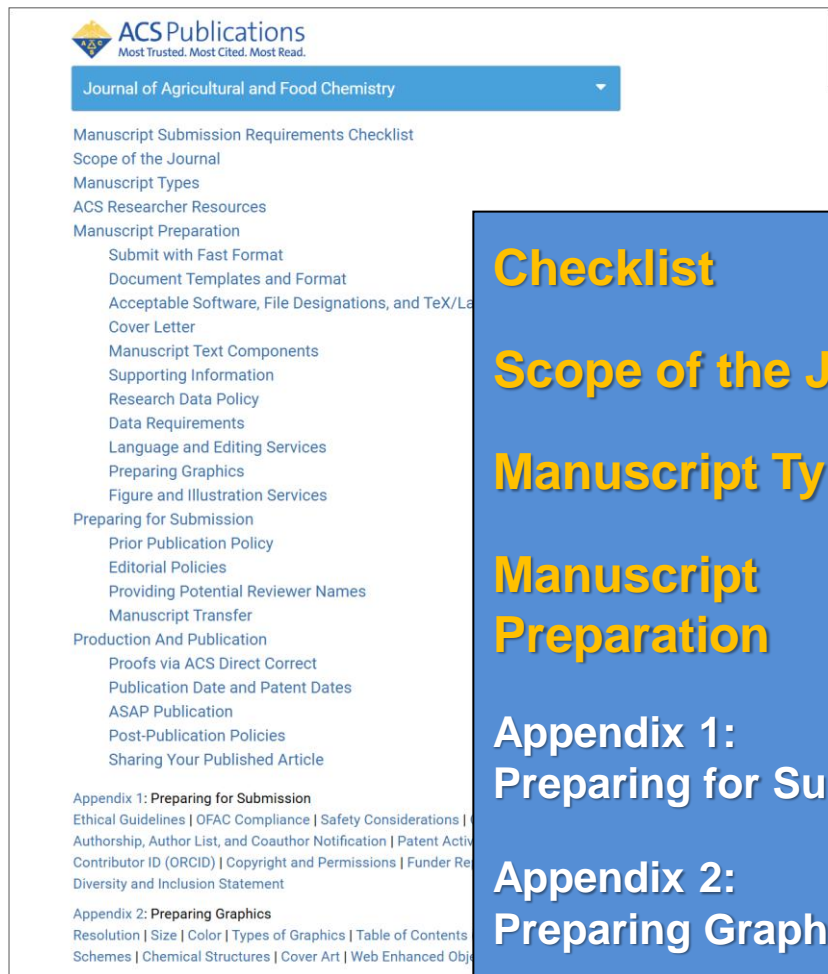
Select an ACS journal to access:

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- Journal Scope
- Data and Figure Requirements
- Open Access and Preprint Policies
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■ 作者投稿指南 Author Guidelines-教你如何准备稿件



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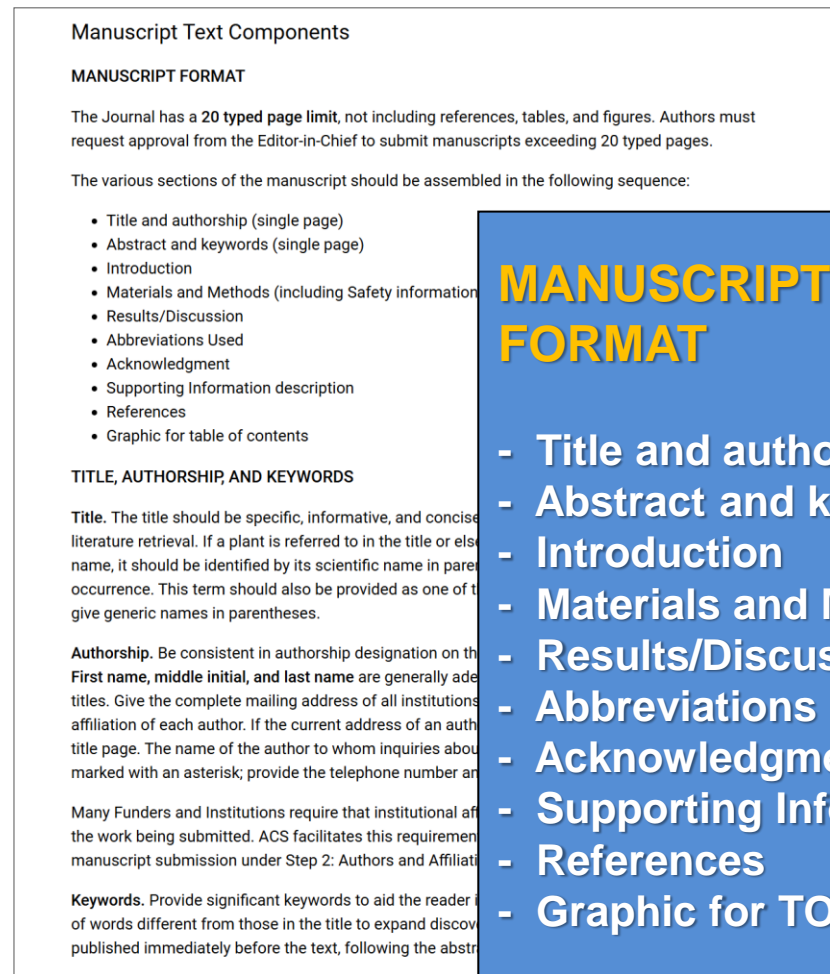
Journal of Agricultural and Food Chemistry

Manuscript Submission Requirements Checklist
Scope of the Journal
Manuscript Types
ACS Researcher Resources
Manuscript Preparation
Submit with Fast Format
Document Templates and Format
Acceptable Software, File Designations, and TeX/LaTeX
Cover Letter
Manuscript Text Components
Supporting Information
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Data Requirements
Language and Editing Services
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Figure and Illustration Services
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Editorial Policies
Providing Potential Reviewer Names
Manuscript Transfer
Production And Publication
Proofs via ACS Direct Correct
Publication Date and Patent Dates
ASAP Publication
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Appendix 1: Preparing for Submission
Ethical Guidelines | OFAC Compliance | Safety Considerations |
Authorship, Author List, and Coauthor Notification | Patent Activ
Contributor ID (ORCID) | Copyright and Permissions | Funder Re
Diversity and Inclusion Statement

Appendix 2: Preparing Graphics
Resolution | Size | Color | Types of Graphics | Table of Contents
Schemes | Chemical Structures | Cover Art | Web Enhanced Obj

Checklist
Scope of the Journal
Manuscript Types
Manuscript Preparation
Appendix 1: Preparing for Submission
Appendix 2: Preparing Graphics



Manuscript Text Components

MANUSCRIPT FORMAT

The Journal has a **20 typed page limit**, not including references, tables, and figures. Authors must request approval from the Editor-in-Chief to submit manuscripts exceeding 20 typed pages.

The various sections of the manuscript should be assembled in the following sequence:

- Title and authorship (single page)
- Abstract and keywords (single page)
- Introduction
- Materials and Methods (including Safety information)
- Results/Discussion
- Abbreviations Used
- Acknowledgment
- Supporting Information description
- References
- Graphic for table of contents

TITLE, AUTHORSHIP, AND KEYWORDS

Title. The title should be specific, informative, and concise for literature retrieval. If a plant is referred to in the title or else name, it should be identified by its scientific name in parentheses. This term should also be provided as one of the generic names in parentheses.

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Keywords. Provide significant keywords to aid the reader in searching for words different from those in the title to expand discovery. Provide keywords published immediately before the text, following the abstract.

MANUSCRIPT FORMAT

- Title and authorship
- Abstract and keywords
- Introduction
- Materials and Methods
- Results/Discussion
- Abbreviations
- Acknowledgment
- Supporting Information
- References
- Graphic for TOC

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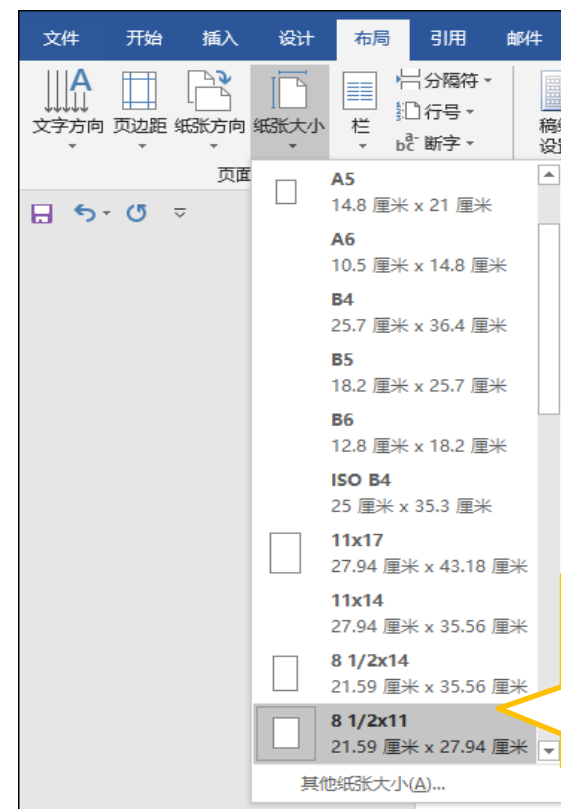
Acceptable Software by File Designation

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.

Manuscript File	File Extension
Microsoft Word 97 or higher (PC)	.doc, .docx, .dot, .rtf
Microsoft Word 98 or higher (Mac)	.doc, .docx, .dot, .rtf
Word Perfect up through version 9 (PC)	.wp, .wpd, .rtf
Word Perfect 3.5 (Mac)	.wp, .rtf
TeX/LaTeX/REVTeX	.zip

Manuscript PDF File	File Extension
Portable Document Format	.pdf

Graphic for Manuscript	File Extension
Tagged Image File Format	.tif
Portable Document Format	.pdf



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步骤 1
选择期刊

步骤 2
了解期刊信息

<p>ACS APPLIED POLYMER MATERIALS</p> <p>HYBRID</p> <p>ACS Applied Polymer Materials</p> <p>Editor-in-Chief: Xing Yi Ling</p> <p>ACS Applied Polymer Materials is an interdisciplinary journal publishing original research covering all aspects of polymer science, chemistry, physics, and...</p> <p>6.1 Days to First Response * 7.2 CiteScore 4.4 Two-Year Impact Factor</p> <p>Data as of 21 Jun 2024. * Measurements in median days.</p> <p>Submit →</p>	<p>ACS BIO & MED CHEM Au</p> <p>GOLD OA</p> <p>ACS Bio & Med Chem Au</p> <p>Editor-in-Chief: Shelley Minteer</p> <p>ACS Bio & Med Chem Au is an open access journal publishing work on all aspects of biological and medicinal chemistry. Studies providing...</p> <p>9.2 Days to First Response * 4.1 CiteScore 3.8 Two-Year Impact Factor</p> <p>Data as of 21 Jun 2024. * Measurements in median days.</p> <p>Submit →</p>	<p>ACS Biomaterials SCIENCE & ENGINEERING</p> <p>HYBRID</p> <p>ACS Biomaterials Science & Engineering</p> <p>Editor-in-Chief: David Kaplan</p> <p>ACS Biomaterials Science & Engineering is the leading journal in the field of biomaterials, serving as an international forum for publishing cutting-edge...</p> <p>8.2 Days to First Response * 10.3 CiteScore 5.4 Two-Year Impact Factor</p> <p>Data as of 21 Jun 2024. * Measurements in median days.</p> <p>Submit →</p>	<p>ACS Catalysis</p> <p>HYBRID</p> <p>ACS Catalysis</p> <p>Editor-in-Chief: Cathleen Crudden</p> <p>The preeminent comprehensive catalysis journal.</p> <p>ACS Catalysis is dedicated to publishing original research on heterogeneous...</p> <p>5.9 Days to First Response * 20.8 CiteScore 11.3 Two-Year Impact Factor</p> <p>Data as of 21 Jun 2024. * Measurements in median days.</p> <p>Submit →</p>	<p>ACS Central science</p> <p>Diamond OA</p> <p>ACS Central Science</p> <p>Editor-in-Chief: Carolyn Bertozzi</p> <p>ACS Central Science publishes the most compelling, important primary reports on research in chemistry and in allied fields, wherein chemical approaches pl...</p> <p>5.4 Days to First Response * 25.5 CiteScore 12.7 Two-Year Impact Factor</p> <p>Data as of 21 Jun 2024. * Measurements in median days.</p> <p>Submit →</p>
---	---	--	--	--

步骤 3
了解期刊类型

步骤 4
点击“Submit”
上传稿件

投稿步骤

■ Author's Profile 完善作者信息



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Previous Next

投稿步骤

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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
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Submission

Step 1: Type, Title, & Abstract >

Step 1: Type, Title, & Abstract

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投稿步骤

Step 1

Step 1

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

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 >

* Title

Preview

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0 OUT OF 400 CHAR

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给自己的文章起一个引人注目的标题。

* Abstract

Write or Paste Abstract

Preview

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摘要 **Abstract**

通常不超过 250 英文单词，具体看稿件要求。

Special Issue Selection (By Invitation Only)

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

Select... ▼

投稿步骤

Step 2

Step 2

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上传文件

Submission

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Step 2: File Upload >

Step 3: Authors & Institutions >

Step 4: Reviewers & Editors >

Step 5: Details & Comments >

Step 6: Review & Submit >

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SELECTION	FILE DESIGNATION
Select File 1 ...	* Manuscript File
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Select File 5 ...	Cover Art Caption
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	Other files for Editors only
	Supporting Information for Publication
	Supporting Information for Review Only
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Supporting Information
Graphic for manuscript
Web Enhanced Object

..... ..

投稿步骤

Step 3

Step 3

Authors
投稿作者

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Authors

* Selected Authors

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

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Find using Author's email address

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🔍 Search

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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
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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

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选择某位编辑
审阅稿件

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。

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

写好一封投稿信 Cover Letter

Dear Professor XXX,

稿件标题，提及投稿的期刊

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

研究工作的重点和亮点

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 sulfimination 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.

写好一封投稿信 Cover Letter

为什么自己的研究工作适合该期刊？

This work should be of interest to the broad audience that ACS XXXXX 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.

稿件作者是谁？谁是通讯作者？

Name of the Corresponding Author, postal and e-mail addresses, telephone

拒稿重投，或转投其它期刊的时候，附上审稿意见。

A point-by-point response to reviewer comments
(for resubmissions and transfers after peer review)

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 >

Open Access Mandates

* Are you expected to comply with [Open Access](#) mandates? If Rights Retention Strategy language is included in the manuscript, be advised a fee may apply. Learn more about [ACS Open Science](#).

☐ Yes

☐ No

Open Access
Mandates

开放获取授权

Conflict of Interest

* Do you have any competing and/or relevant financial interest(s) to disclose? (Please see the [ACS Ethical Guidelines](#).)

☐ Yes

☐ No

Conflict of
Interest

利益冲突

Previous Submission

* Has this manuscript in whole or in part been previously submitted to the *Journal of Agricultural and Food Chemistry*, *ACS Agricultural Science & Technology*, and/or *ACS Food Science & Technology*?

☐ Yes

☐ No

Previous
Submission

稿件是否重投

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 Research Resources 投稿平台

作者目前需要
处理的稿件

发表 Submissions
评审 Reviews
出版 Published
跟进 Following

Welcome to the ACS Publishing Center!

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"The Sustainable Future of Speed: Efficient and Eco-friendly Transportation"

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

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Submissions (3) [See More](#)

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In Peer Review

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Reviews (1) [See More](#)

Rejected

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Submitted Manuscripts

稿件标题 Title
出版物 Publication
投稿日期 Date
评审状态 Status

Manuscripts & Articles

Submissions (3)

Reviews (1)

Published (10)

Following (0)

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Title	Publication	Submission Date ↓	Status
The Effects of Acidic Conditions on the Degradation of Poly(ethylene Glycol) (PEG) in Aqueous Solution	ACS Macro Letters	February 18, 2023	Major Revision Your manuscript has received a Minor Revision decision. April 07, 2023 . Submit Revision
Modeling of Resources and Environmental Impacts from Plastic Production in China: A Case Study of Polyethylene Terephthalate (PET)	Chemistry of Materials	December 05, 2022	In Peer Review Your manuscript is being evaluated by researchers in your field.
The Effects of Acidic Conditions on the Degradation of Poly(ethylene Glycol) (PEG) in Aqueous Solution	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, substantial



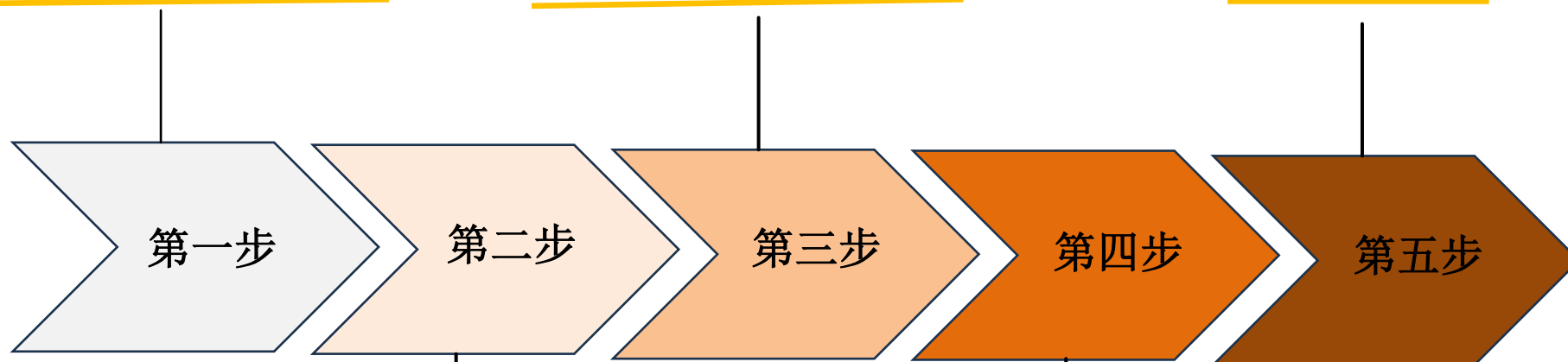
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期刊投稿流程

选择合适的投稿期刊

写作 & 准备稿件

正式出版



了解学术道德 & 出版政策

提交和送审

文章更正-校对稿件-出版信息确认
即将发表 **ASAP Publication**
分享发表的文章到 **Social Media**

同行评审 **Peer Review**

审稿决定 **Provide a Decision to Author**

ACS 审稿流程和同行评审



Publishing Process



投稿中的学术道德

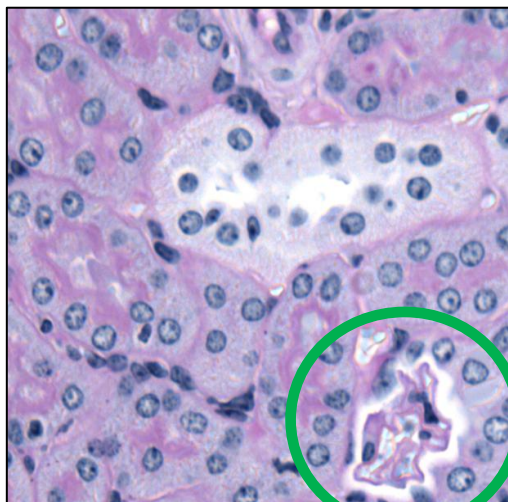
1. 违反学术道德的常见情况

- 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

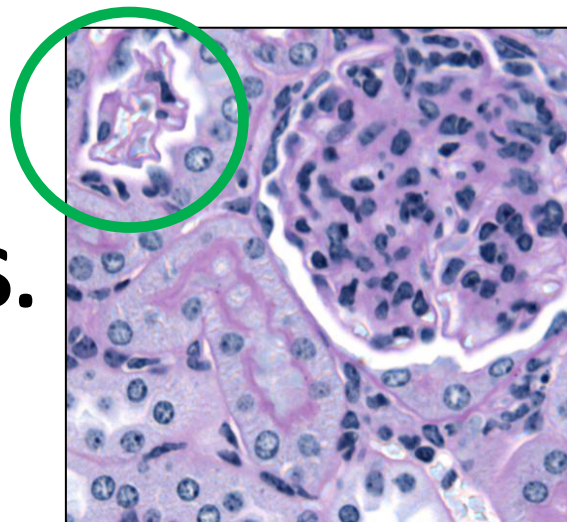
2. 违反学术道德如何被发现

- 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

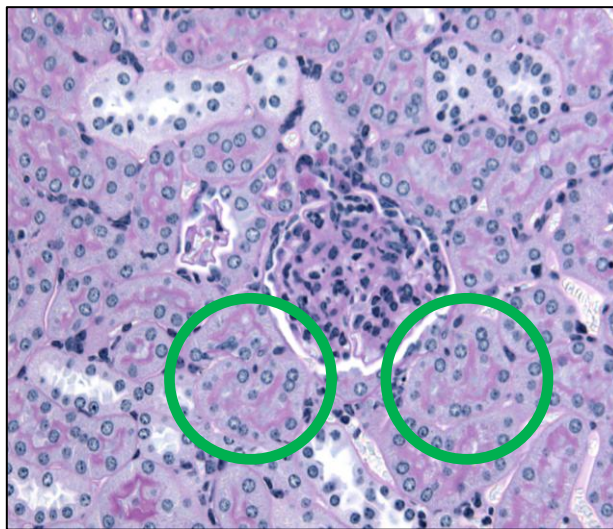


V.S.



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。

编辑初审 Editorial Review (Pre-Screening)

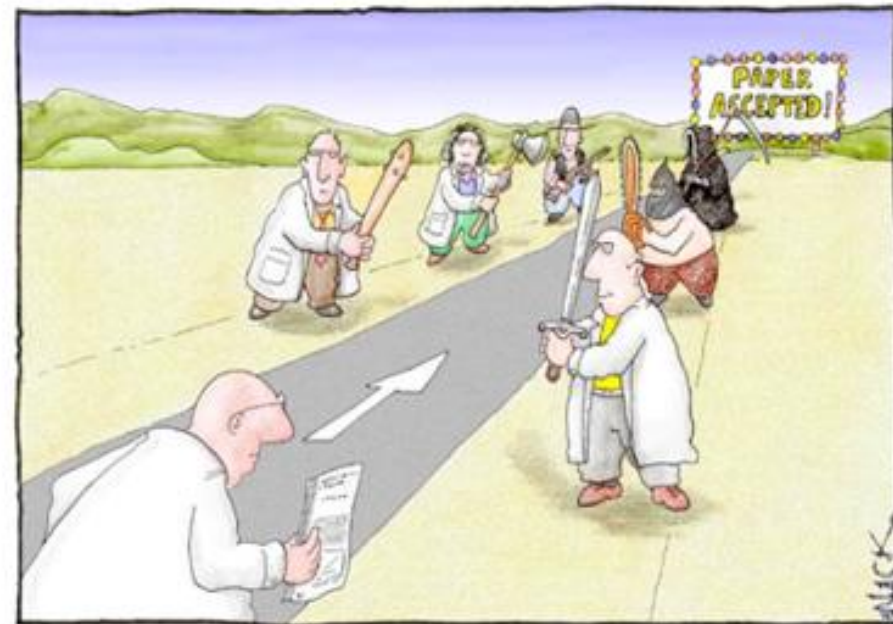
- Scope 符合范围
- Scientific merit 科学价值
- Significance 意义和重要性

初审之后，快速做出决定：

- Peer Review Process 外审
- 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.

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.

回复评审意见的常见错误

You Might Say:

The reviewer is not an expert in my field.

The Editor's Response:

The reviewer is likely someone you suggested.

You Might Say:

The reviewer misunderstood the point of the manuscript (or a specific result).

The Editor's Response:

If the reviewer did not understand the results or significance, you need to clarify the text or figures to present the work more clearly.

You Might Say:

The reviewer is wrong and does not deserve a response.

The Editor's Response:

This response does not explain how or why the reviewer is wrong. Even a comment with which you do not agree needs to be backed up by science.

You Might Say:

Similar papers have been published in this journal. Why is my manuscript being picked apart?

The Editor's Response:

If your manuscript is similar to other recent work, it likely lacks novelty and may not meet the journal's standards.

请用科学的语言和专业的方式来回复审稿意见。

请大家记住：审稿人提出观点，是为了帮助科研人员提升稿件的质量。

AI工具用于科学交流的实践指南



向 ACS 投稿时，AI 工具可被视为文章作者或合作者吗？



Ethical Guidelines to Publication of Chemical Research

The guidelines embodied in this document were revised by the Editors of the Publications Division of the American Chemical Society in February 2023.

Preface

The American Chemical Society serves the chemistry profession and society at large in many ways, among them by publishing journals which present the results of scientific and engineering research. Every editor of a Society journal has the responsibility to establish and maintain guidelines for selecting and accepting papers submitted to that journal. In the main, these guidelines derive from the Society's definition of the scope of the journal and from the editor's perception of standards of quality for scientific work and its presentation.

An essential feature of a profession is the acceptance by its members of a code that outlines desirable behavior and specifies obligations of members to each other and to the public. Such a code derives from a desire to maximize perceived benefits to society and to the profession as a whole and to limit actions that might serve the narrow self-interests of individuals. The advancement of science requires the sharing of knowledge between individuals, even though doing so may sometimes entail forgoing some immediate personal advantage.

With these thoughts in mind, the editors of journals published by the American Chemical Society now present a set of ethical guidelines for persons engaged in the publication of chemical research, specifically, for editors, authors, and manuscript reviewers. These guidelines are offered not in the sense that there is any immediate crisis in ethical behavior, but rather from a conviction that the observance of high ethical standards is so vital to the whole scientific enterprise that a definition of those standards should be brought to the attention of all concerned.

We believe that most of the guidelines now offered are already understood and subscribed to by the majority of

12. The co-authors of a paper should be all those persons who have made significant scientific contributions to the work reported and who share responsibility and accountability for the results. Authors should appropriately recognize the contributions of technical staff and data professionals. Other contributions should be indicated in a footnote or an "Acknowledgments" section. An administrative relationship to the investigation does not of itself qualify a person for co-authorship (but occasionally it may be appropriate to acknowledge major administrative assistance). Deceased persons who meet the criterion for inclusion as co-authors should be so included, with a footnote reporting date of death. No fictitious name should be listed as an author or coauthor. The author who submits a manuscript for publication accepts the responsibility of having included as co-authors all persons appropriate and none inappropriate. The submitting author should have sent each living co-author a draft copy of the manuscript and have obtained the co-author's assent to co-authorship of it.

Part B. Ethical Obligations of Authors
| Ethical Guidelines to Publication of Chemical Research
截图来源：《化学研究出版伦理准则》
第二部分“作者道德义务”

Author Guidelines



Journal of the American Chemical Society

Important Manuscript Submission Requirements and Notices

Scope of the Journal

Manuscript Types

ACS Publishing Center

Manuscript Preparation

Submit with Fast Format

Document Templates and Format

Acceptable Software, File Designations, and TeX/LaTeX

Cover Letter

Manuscript Text Components

Supporting Information

Research Data Policy

Data Requirements

Language and Editing Services

Preparing Graphics

Figure and Illustration Services

Preparing for Submission

Prior Publication Policy

Editorial Policies

Providing Potential Reviewer N

Manuscript Transfer

Production And Publication

Proofs via ACS Direct Correct

Publication Date and Patent D

ASAP Publication

Post-Publication Policies

Sharing Your Published Article

Appendix 1: Preparing for Submission

Ethical Guidelines | OFAC Compliance | Safety Considerations | Conflict of Interest Disclosure | Plagiarism |

Authorship, Author List, and Coauthor Notification | Patent Activities and Intellectual Property | Open Researcher and

Contributor ID (ORCID) | Copyright and Permissions | Funder Reporting Requirement | Open Access Compliance |

Appendix 2: Preparing Graphics

Resolution | Size | Color | Types of Graphics | Table of Contents (TOC)/Abstract Graphic | Figures | Charts | Tables |

Schemes | Chemical Structures | Cover Art | Web Enhanced Objects (WEO)

Criteria for authorship can be found in Part B of the [Ethical Guidelines to Publication of Chemical Research](#). Artificial intelligence (AI) tools do not qualify for authorship. The use of AI tools for text or image generation should be disclosed in the manuscript within the Acknowledgment section with a description of when and how the tools were used. For more substantial use cases or descriptions of AI tool use, authors should provide full details within the Methods or other appropriate section of the manuscript.

Author Guidelines | Appendix 1: Preparing for Submission | Authorship,
Author List, and Coauthor Notification
截图来源：ACS 期刊“作者指南”附录 1：投稿前准备
作者身份、作者名单及合作者通知

向 ACS 投稿时，AI 工具可被视为文章作者或合作者吗？

- **ChatGPT 或其他 AI 工具不符合我们的作者身份标准**
ChatGPT or other tools do not meet our authorship criteria.
- **若使用了 AI 工具，应在稿件中据实声明**
The use of such tools should be disclosed in the manuscript.
- **作者应对其所提交的稿件内容负最终责任**
Authors are ultimately accountable for what they submit.
- **AI 生成的文字应被恰当引用**
AI-generated text should be cited appropriately.

对于使用 AI 语言机器人进行科学交流的一些建议

- 提醒合作者与自己，**ChatGPT** 模型的输出只是最初的草稿
Remind your coauthors, and yourself, that the output of the ChatGPT model is merely a very early draft, at best.
- 不要逐字逐句地使用来自 **ChatGPT** 的文字
Do not use text verbatim from ChatGPT.
- 任何由 **AI** 机器人 / **ChatGPT** 推荐的引用都需要通过原始文献进行验证
Any citations recommended by an AI bot/ChatGPT need to be verified with the original literature.
- 不要让 **ChatGPT** 扼杀您的创造力和深度思考
Do not allow ChatGPT to squelch your creativity and deep thinking.

对于使用 AI 语言机器人进行科学交流的一些建议

- 不要将 **ChatGPT** 或任何其它基于 **AI** 的机器人列为共同作者
Do not include ChatGPT or any other AI-based bot as a co-author.
- 在致谢和实验部分中明确您使用 **AI** 机器人 / **ChatGPT** 准备稿件
In the Acknowledgments and experimental sections, your use of an AI bot/ChatGPT to prepare your manuscript.
- **ChatGPT** 不能对任何陈述或伦理违规负责
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