



ACS Publications
Most Trusted. Most Cited. Most Read.



中国科学院大学
University of Chinese Academy of Sciences

ACS文献资源检索与投稿写作

from iGroup China
at 中国科学院大学

王子豪

ACS数据库培训师

iGroup China

2022/03/24



iGroup

中国长煦信息技术咨询(上海)有限公司
iGroup Asia Pacific Ltd.

目录

- ACS数据库概述以及期刊文献资源
- ACS数据库平台功能以及高效文献检索方法
- 英文文章写作以及注意事项
- ACS期刊投稿流程与学术道德

ACS——美国化学会



- 1876年成立于美国纽约
- 世界上最大的科技学协会
- 会员遍布世界，拥有超过15万名会员
- 旗下包含**ACS出版社**等一系列学术机构

SISTER DIVISIONS





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Most Trusted. Most Cited. Most Read.

ACS数据库期刊概述

from iGroup China

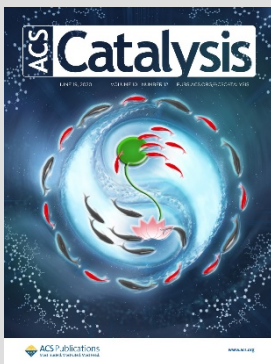


iGroup

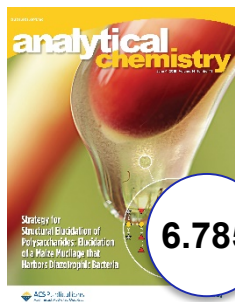
中国长隆信息技术咨询(上海)有限公司
iGroup Asia Pacific Ltd.

ACS Publications —— ACS数据库简述

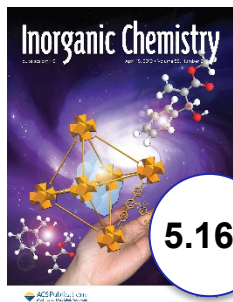
- ACS数据库包括**65**本订阅期刊以及**12**本开放获取期刊
- 期刊涵盖了**绝大部分**化学领域
- ACS数据库期刊的**引用率**保持领先



ACS期刊推荐——化学领域



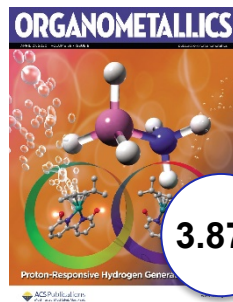
6.785



5.162



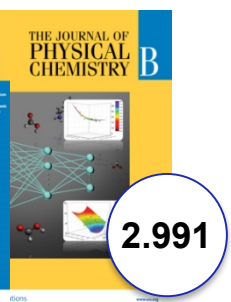
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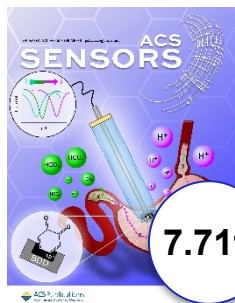
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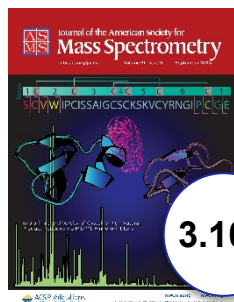
2.781



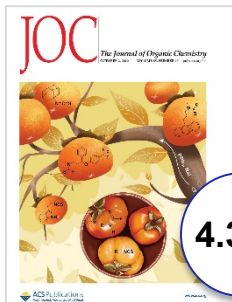
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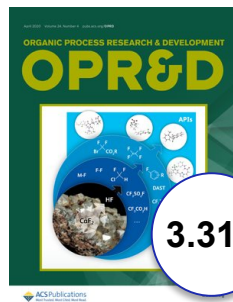
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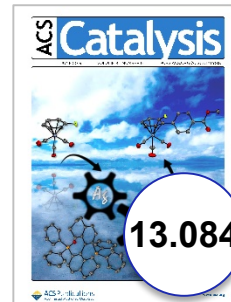
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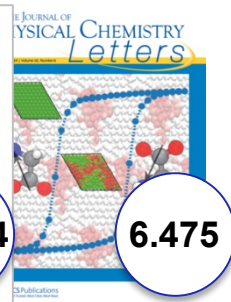
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3.317



13.084

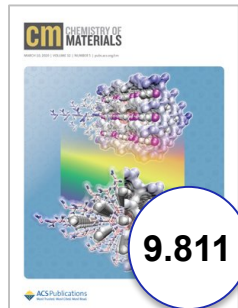


6.475

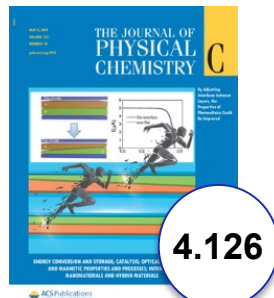
ACS期刊推荐——材料领域



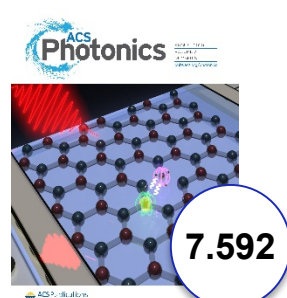
15.881



9.811



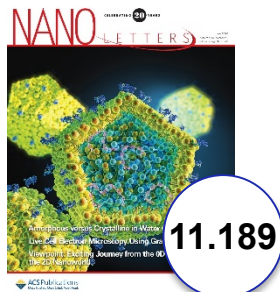
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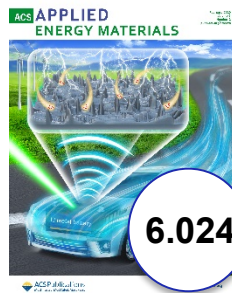
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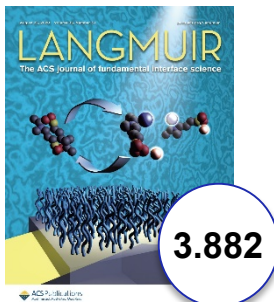
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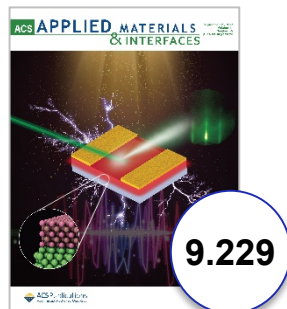
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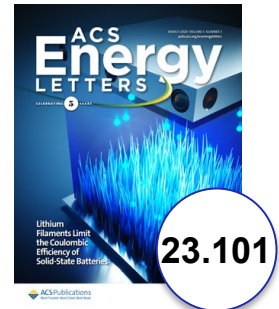
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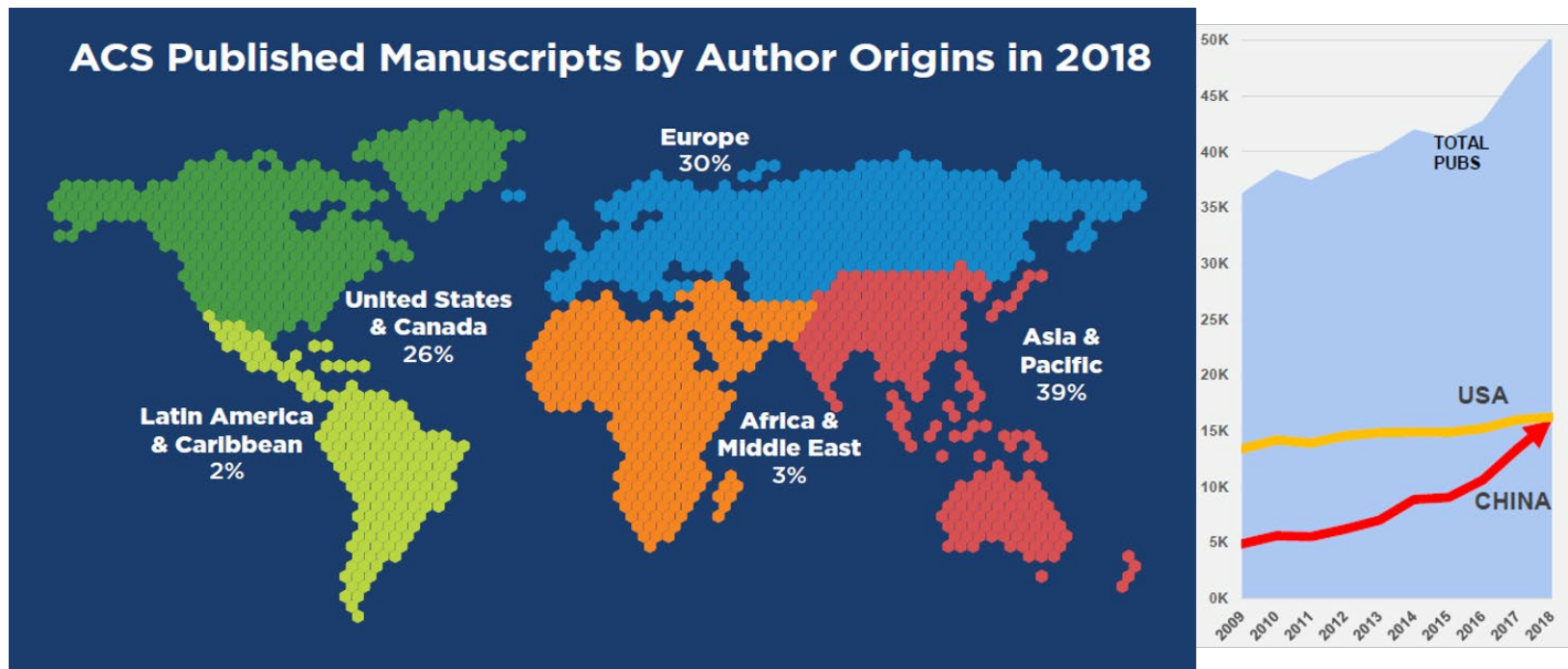


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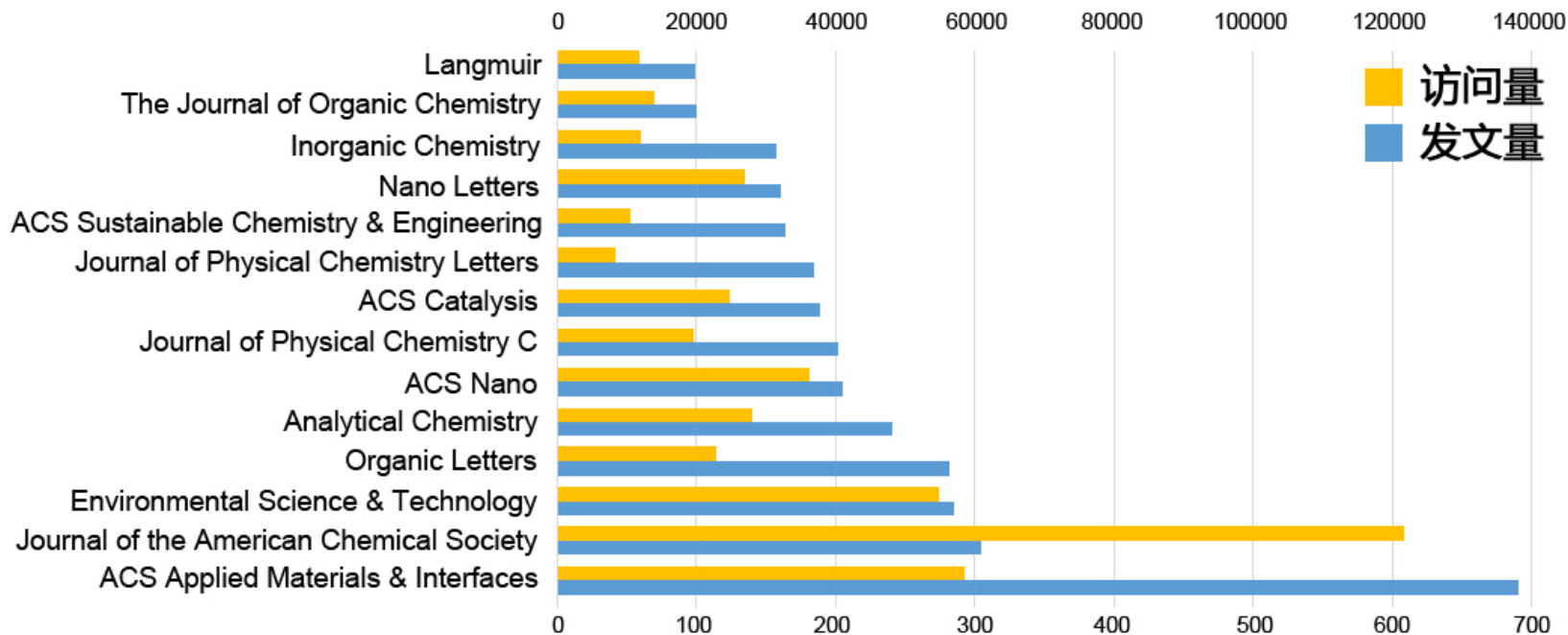


23.101

ACS数据库发文来源



国科大在ACS数据库发文情况



2019-2021年国科大高访问、高发文期刊数据示意图

远程访问ACS数据库



通过国科大图书馆访问ACS数据库平台

- 推荐使用国科大图书馆路径经由访问ACS数据库
- 在校内使用无线网时也可以方便的访问ACS数据库资源



通过国科大图书馆访问ACS数据库平台

- 推荐使用国科大图书馆路径经由访问ACS数据库
- 在校内使用无线网时也可以方便的访问ACS数据库

The screenshot shows the library website interface. At the top, the browser address bar displays <https://lib.ucas.ac.cn>. The main header features the library logo and name: 中国科学院大学图书馆 (University of Chinese Academy of Sciences Library). A search bar labeled '站内检索' is visible. Below the header is a navigation bar with several menu items: '搜索图书馆资源', '首页', '馆藏资源', '借阅服务', '学习支持', '研究支持', '文化活动', and '关于我们'. The '馆藏资源' item is highlighted with a red box. A dropdown menu is open from '馆藏资源', listing '图书', '电子图书', '电子期刊', '印本报刊', '数据库', and '学位论文'. The '数据库' item in the dropdown is also highlighted with a red box.

通过国科大图书馆访问ACS数据库平台

任意字段 ▾

ACS|

检索

数据库目录

全部 [A] [B] [C] [D] [E] [F] [G] [H] [I] [J] [K] [L] [M] [N] [O] [P] [Q] [R] [S] [T] [U] [V] [W] [X] [Y] [Z]

检索结果: 1

ACS

资源类型: 常用数据库

ACS Journals

文献类型: 期刊

学科: 化学与化工, 环境科学

出版单位: the American Chemical Society

所外获取[®]: 中科院

数据库缩与: ACS

数据库类型: 全文

访问地址: <http://pubs.acs.org/>

Access provided by UNIVERSITY OF CHIN ACAD SCIENCES

美国化学学会 (American Chemical Society ACS) 成立于1876年 现已成为世界上最大的科技学会 其会员数超过163 000人。ACS电子期刊都回溯到了期刊的创刊卷 最早的到1879年。这些期刊涵盖了24个主要的学科领域 包括生化、药物化学、有机化学、普通化学、环境化学、材料学、燃料与能源、植物学、毒物学、食品科学、药理与制药学、物理化学、环境工程学、工程化学、微生物应用生物科技、应用化学、分子生物化学、分析化学、聚合物、无机与原子能化学、农学等。

2492浏览量

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培训课程

1 点赞

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分享

ACS数据库平台-<https://pubs.acs.org/>

- 平台主页功能
- 期刊检索
- 文章检索

The screenshot shows the ACS Publications search results page for the keyword 'catalysis'. The page features a navigation bar with 'ACS Publications' and 'Most Trusted. Most Cited. Most Read.' The search results are displayed in a table with columns for 'CONTENT TYPE' and 'ARTICLE SUBJECT'. The 'CONTENT TYPE' column lists 'Book Chapter' (6557), 'Books' (10), 'C&EN Article' (17212), 'Journal Article' (371846), and 'Posters' (315). The 'ARTICLE SUBJECT' column lists 'Article' (105404), 'Letter' (28662), 'Research Article' (23893), 'Communication' (17993), and 'Review' (2141). The page also includes a 'REFINE SEARCH' dropdown, 'PER PAGE' options (20, 50, 100), and a 'SORT: RELEVANCE' dropdown.

The screenshot shows the ACS Publications homepage. The page features a navigation bar with 'ACS Publications' and 'Most Trusted. Most Cited. Most Read.' The main content area is divided into sections for 'FOR ORGANIZATIONS', 'FOR AUTHORS', 'EVENTS & CONFERENCES', and 'OPEN SCIENCE'. The central message reads 'Most Trusted. Most Cited. Most Read.' and highlights ACS Publications' commitment to publishing high-quality content. A 'Get Access' button is prominently displayed. Below this, there is a 'Browse Content' section with icons for 'All Subjects', 'Analytical', 'Applied', 'Biological', and 'Materials Science &'. A 'NEW & NOTEWORTHY' section lists recent highlights, including 'ACS Wins Bronze Brandon Hall Group HCM Excellence Award', 'Learning to Create Effective Patents: A New ACS Guide Chapter', and 'ChemRxiv Surpasses 10,000 Preprints Posted'.

ACS数据库平台——平台主页功能

- ACS平台主页提供了三种主要功能的入口：
- 期刊文献检索
- 文章投稿
- ACS数据库其他服务

期刊文献检索入口

The screenshot shows the ACS Publications homepage. At the top left is the ACS Publications logo with the tagline "Most Trusted. Most Cited. Most Read.". To the right is a search bar with the placeholder text "Search text, DOI, authors, etc." and a magnifying glass icon. Further right are navigation links for "My Activity" and "Publications", and a hamburger menu icon. Below the search bar are two columns: "FOR ORGANIZATIONS" and "FOR AUTHORS". The "FOR ORGANIZATIONS" column features a "New Products & Services" section with a blue background and a "Learn More" button. The "FOR AUTHORS" column features a "Publish with ACS" section with a blue background and a "Publish with ACS" button. A red box highlights the search bar and navigation links, with a line pointing to the text "期刊文献检索入口". Another red box highlights the "Publish with ACS" button, with a line pointing to the text "文章投稿中心入口".

文章投稿中心入口

期刊文献检索——期刊检索

通过学科对期刊进行分类检索

Browse Content

All Subjects

Analytical

Applied

Materials

Organic-Inorganic

Physical

可以通过检索关键字进一步检索期刊

Applied Filter by Letter: A C E I J L M O Remove Filters

A

ACS Engineering Au

ACS Polymers Au

Journal of Agricultural and Food Chemistry

ACS Agricultural Science & Technology

ACS Environmental Au

ACS Sensors

Journal of Chemical & Engineering Data

ACS Applied Bio Materials

ACS ES&T Engineering

ACS Sustainable Chemistry & Engineering

Journal of Chemical Education

ACS Applied Electronic Materials

ACS ES&T Water

ACS Synthetic Biology

Journal of Chemical Information and Modeling

ACS Applied Energy Materials

ACS Food Science & Technology

Analytical Chemistry

期刊文献检索——期刊检索

ACS数据库不仅有期刊，还有各种电子书以及新闻以供查阅

可选择数据库出版物类型

CONTENT TYPES

All Types

Journals >

Books and Reference

News

可精炼期刊领域

SUBJECTS

Analytical

Applied

Biological

Materials Science & Engineering

Organic-Inorganic

Physical

ACS Publications
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Search text, DOI, authors, etc. 🔍

My Activity Publications ≡

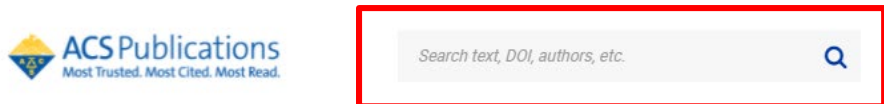
A

Accounts of Chemical Research	ACS Earth and Space Chemistry
Accounts of Materials Research	ACS Energy Letters
ACS Agricultural Science & Technology	ACS Engineering Au
ACS Applied Bio Materials	ACS Environmental Au
ACS Applied Electronic Materials	ACS ES&T Engineering
ACS Applied Energy Materials	ACS ES&T Water
ACS Applied Materials & Interfaces	ACS Food Science & Technology
ACS Applied Nano Materials	ACS Infectious Diseases
ACS Applied Polymer Materials	ACS Macro Letters
ACS Bio & Med Chem Au	ACS Materials Au
ACS Biomaterials Science & Engineering	ACS Materials Letters
ACS Catalysis	ACS Measurement Science Au
ACS Central Science	ACS Medicinal Chemistry Letters
ACS Chemical Biology	ACS Nano
ACS Chemical Health & Safety	ACS Nanoscience Au
ACS Chemical Neuroscience	ACS Omega
ACS Combinatorial Science	ACS Organic & Inorganic Au
	ACS Pharmacology & Translational Science

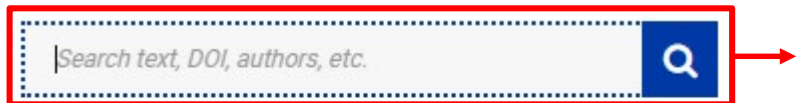
全部出版
期刊

期刊文献检索——文献检索

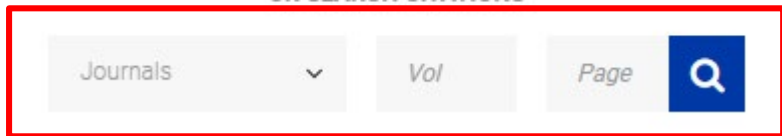
支持逻辑判断符号：
AND, OR, NOT
这里空格符=AND



My Activity Publications



OR SEARCH CITATIONS



支持直接查询文章：
使用 期刊+卷期+页码 查询

支持字段包括：
标题、作者名、刊名、关键字以及DOI

什么是DOI？
DOI，数字对象识别符，是对数字资源的唯一识别符号因此一篇文献有且仅有一个DOI号以供查询

期刊+卷期+页码示例：
Organometallics 2019, 38, 36 - 46

期刊名 卷期 页码

期刊文献检索——文献主题检索

■ 关注相关领域文献

主题： 金属核壳结构催化剂在电催化方面的研究

关键字： 金属 核壳结构 电催化

检索式： Metal Core-Shell Electrocatalysis

检索式中还可以使用**通配符**以进行模糊检索。常用通配符：

***** (可以代替任意字符串) e.g. Cataly* 会返回Catalyst、Catalysis等

? (可以代替单个字符串) e.g. App?e 可以返回Apple但是不能返回Applause

期刊文献检索——检索结果分析

NARROW RESULTS

RESULTS: 1 - 20 of 2116

检索结果总数

Follow results: Q

CONTENT TYPE

Book Chapter 22

Books 1

C&EN Article 56

Journal Article 1979

Posters 1

预设精炼选项

ARTICLE SUBJECT

Article 786

Research Article 457

Review 335

Letter 122

Perspective 95

MORE (53)

REFINE SEARCH

PER PAGE: 20 50 100

SORT: RELEVANCE

1 2 3 4 5 6 7 >

检索结果

Article

Strong Metal-Phosphide Interactions in Core-Shell Geometry for Enhanced Electrocatalysis

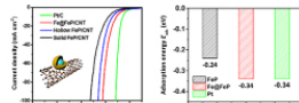
Xiaolin Li, Wen Liu, Minye Zhang, Yiren Zhong, Zhe Weng, Yingying Mi, Yu Zhou, Min Li, Judy J. Cha, Zhiyong Tang, Hong Jiang*, Xueming Li*, and Hailiang Wang*

Nano Letters 2017, 17, 3, 2057-2063 (Letter)
Publication Date (Web): February 10, 2017
DOI: 10.1021/acs.nanolett.7b00126

Abstract

Full text

PDF



NANO LETTERS

当结果过多，需要进一步精炼时，即可使用左侧的**预设精炼选项**进行结果精炼

通过点击检索结果，可直接访问对应文章界面

也可在该节目查看文章**摘要**以及**下载全文**

期刊文献检索——检索结果精炼

通过左侧的预设精炼选项可以快速精炼初步检索结果

NARROW RESULTS		RESULTS: 1 - 20 of 2116		Follow results: Q			
CONTENT TYPE	22	PUBLICATION DATE	363	CONTRIBUTOR	17	IN THIS ISSUE	792
Book Chapter	22	Last Year	363	Guo, Shaojun	17	Articles	792
Books	1	Last 6 Months	181	Strasser, Peter	16	Reviews	314
C&EN Article	56	Last 3 Months	78	Su, Dong	16	Energy, Environmental, and Catalysis Applications	187
Journal Article	1979	Last Month	23	Adzic, Radoslav R	14	Letters	103
Posters	1	Last Week	7	Sun, Shouheng	14	Perspectives	92
				MORE (15)		MORE (122)	
ARTICLE SUBJECT	786	TOPICS	1507	PUBLICATION	306	CONTENT GROUP TYPE	30
Article	786	Inorganic chemistry	1507	ACS Applied Materials & Interfaces	306	Articles ASAP (As Soon As Publishable)	30
Research Article	457	Materials science	1235	ACS Catalysis	228		
Review	335	Cross-disciplinary concepts	1234	The Journal of Physical Chemistry C	189		
Letter	122	Physical chemistry	1051	Chemical Reviews	188		
Perspective	95	Nanoscience	894	Journal of the American Chemical Society	140		
MORE (53)		MORE (4)		MORE (45)			

资源
类型

发布
时间

作者

详细
文章类型

文章
类型

所属
领域

期刊



ASAP
文章筛选

当预设精炼选项仍无法满足检索需求时，可以使用高级检索来精炼结果

期刊文献检索——高级检索

NARROW RESULTS

RESULTS: 1 - 20 of 2116

Follow results:  

CONTENT TYPE 

REFINE SEARCH 

高级检索

PER PAGE: 20 50 100

SORT: RELEVANCE 

- 高级检索能够用更多限定条件来精确检索
- 记录检索结果以备后期使用

期刊文献检索——高级检索

可限定期刊来源
以及单独查看OA文章

Anywhere

Anywhere

Title

Author

Abstract

Figure/Table Caption

可指定搜索字段位置以及添加更多的字段

REFINE SEARCH ^ PER PAGE: 20 50 100 SORT: RELEVANCE v

Advanced Options Search History Saved Searches

Anywhere

Metal Core-Shell Electrocatalysis +

Anywhere

Enter Search term +

Topic

e.g. Genetic Anomalies

可限定学科领域

Published in

e.g. Journal of The American Chemical Society

Access Type

All Content

Open Access Content [LEARN MORE](#)

C&EN Archives Options

Include Tables of Contents in search results

Include full-page advertisements in search results

Publication Date

All dates

Last Select v

Custom range

Month v Year v

Month v Year v

Filter by issue type

Articles ASAP (As Soon As Publishable)

Just Accepted Manuscripts

可指定出版日期范围

包括ASAP或刚刚接受的文章等

期刊文献检索——检索历史

- 精炼后如果想返回前期搜索结果即可使用检索历史功能

Advanced Options Search History Saved Searches

Search name	Searched On	Run search
[All: metal core-shell electrocatalysis] AND [All: pt] (std - 1788)	22 Mar 2022	RUN
[All: metal core-shell electrocatalysis] AND [All: pt] (std - 1788)*	22 Mar 2022	RUN
All: metal core-shell electrocatalysis (std - 2140)	22 Mar 2022	RUN

点击“run”
即可跳到对
应检索历史
结果

期刊文献检索——期刊界面

RETURN TO ISSUE | < PREV ARTICLE NEXT >

Shaped Pd–Ni–Pt Core-Sandwich-Shell Nanoparticles: Influence of Ni Sandwich Layers on Catalytic Electrooxidations

Brian T. Sneed[†], Allison P. Young[†], Daniel Jalalpoor[‡], Matthew C. Golden[†], Shunjia Mao[†], Ying Jiang[§], Yong Wang[§], and Chia-Kuang Tsung^{†*}

View Author Information ▾

文章信息

文章引用数

✔ Cite this: *ACS Nano* 2014, 8, 7, 7239–7250

Publication Date: June 4, 2014 ▾

<https://doi.org/10.1021/nn502259g>

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SUBJECTS: Palladium, Platinum, Layers, ▾

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期刊文献检索——期刊界面

Cited By 引用该文献的文献列表

This article is cited by 119 publications.

1. Benjamin P. Williams, Wei-Shang Lo, Joseph V. Morabito, Allison P. Young, Frances Tsung, Chun-Hong Kuo, Joseph M. Palomba, Thomas M. Rayder, Lien-Yang Chou, Brian T. Sneed, Xiao-Yuan Liu, Leo K. Lamontagne, Christopher A. Petroff, Casey N. Brodsky, Jane Yang, Ilektra Andoni, Yang Li, Furui Zhang, Zhehui Li, Sheng-Yu Chen, Connor Gallacher, Banruo Li, Sheng-Yuan Tsung, Ming-Hwa Pu, Chia-Kuang Tsung. Tailoring Heterogeneous Catalysts at the Atomic Level: In Memoriam, Prof. Chia-Kuang (Frank) Tsung. *ACS Applied Materials & Interfaces* 2021, 13 (44) , 51809-51828. <https://doi.org/10.1021/acsami.1c08916>
2. Saurav Bhattacharjee, Avinash B. Lende, Aswin kumar Anbalagan, Chih-Hao Lee, Chung-Sung Tan. Development and Characterization of a One-Pot Synthesized Fe–Au–Pd Surface Alloy Catalyst for Highly Selective Conversion of Castor Oil to Octadecane via Hydrodeoxygenation. *Energy & Fuels* 2021, 35 (20) , 16637-16652. <https://doi.org/10.1021/acs.energyfuels.1c02510>
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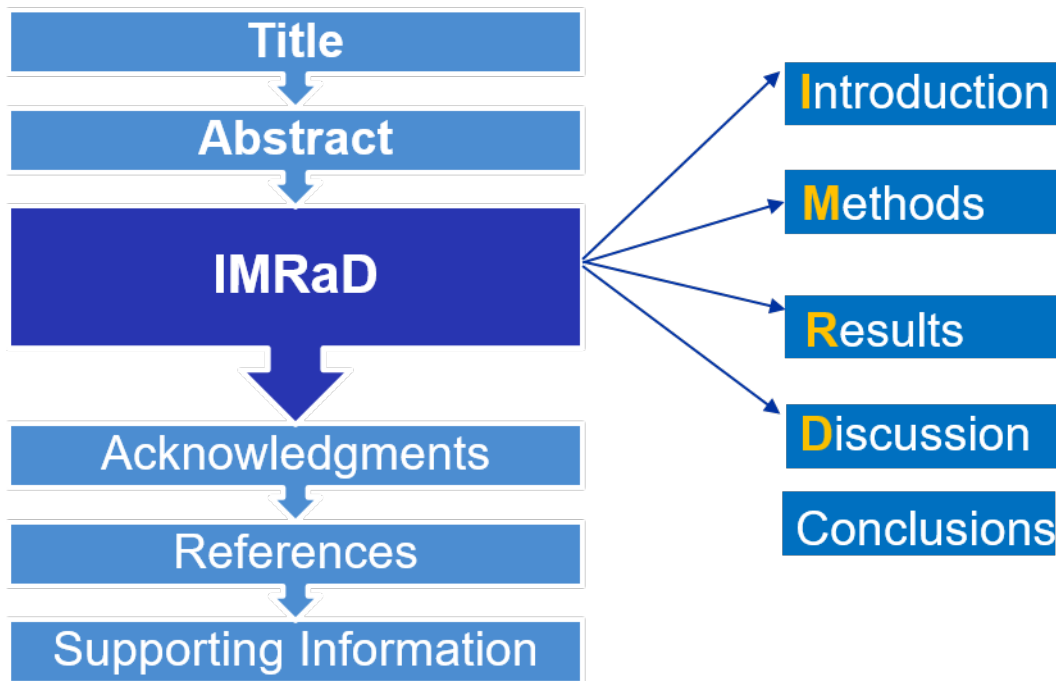
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- 引言、结果与讨论
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- 图片与表格



标题 (Title)

■ 作用:

- 吸引编辑和读者
- 文献索引中可被查询

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- 应该简短, 引人注目
- 准确反映文章的本质
- 标题的开头部分强调了文章的主要重点

“Expanding **Interlayer Spacing** in MoS₂ for Realizing an Advanced Supercapacitor”
强调 “层间距”

“Realizing an Advanced **Supercapacitor** with Expanded Interlayer Spacing in MoS₂”
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- 避免在文章标题中出现以下内容：
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 - 读者可能不熟悉的缩写词、符号、不常见的公式和首字母缩略词
 - 流行语和行话，例如：一锅(one-pot)合成，宝塔形(pagoda-shaped)
 - 最高级和主观或模糊的形容词，例如：最新的，最快的，新颖的等

摘要 (Abstract)

■ 作用:

- 简述研究的意义和发现
- 文献索引中可被查询

■ 要点:

- 表明重要性以及主要研究背景
- 强调研究方法
- 概述主要研究发现和结论
- 简洁明了, 高度概括
- 避免引用参考文献和图表

摘要 (Abstract)

- 摘要应简要包括以下五个组成部分，通常按以下顺序：
 - 目的：介绍主题，传达其对更广泛领域的重要性，并解释“大局”
 - 问题陈述：解释文章要解决的科学问题
 - 方法：强调所采用的关键方法和分析手段
 - 主要发现：突出研究的结果，解释数据显示的内容
 - 结论：强调工作的重要性及其影响。为什么这项工作很重要？这项研究可能会导致什么结果？

摘要 (Abstract)

Anatomy of an Abstract

目的和问题陈述
(了解研究背景)

方法以及主要发现
(突出主要发现)

结论
(总结研究意义)

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.

引言 (Introduction)

■ 作用:

- 描述研究背景,引用重要和必要的参考文献
- 指出文章最核心的内容
- 表明文章解决的问题的意义

■ 写作要点:

- 应该从一般 (即整体主题的重要性) 到具体 (即当前研究的重点和方法)

结果与讨论 (Results & Discussion)

- 结果 (Results) :
 - 用图表等**数据**说明研究结果
 - 结果之间应具有**逻辑连贯性**
 - 支持标题、摘要中的**重要结果**
 - 大量的数据应并入支持信息中
- 讨论 (Discussion) :
 - 讨论关键发现，**讲出研究故事**。
 - **分析结果数据**以支持讨论部分的论点
 - 讨论研究中的**新发现**
 - 讨论研究中结果的**局限性和差异性**。

结论 (Conclusion)

■ 内容:

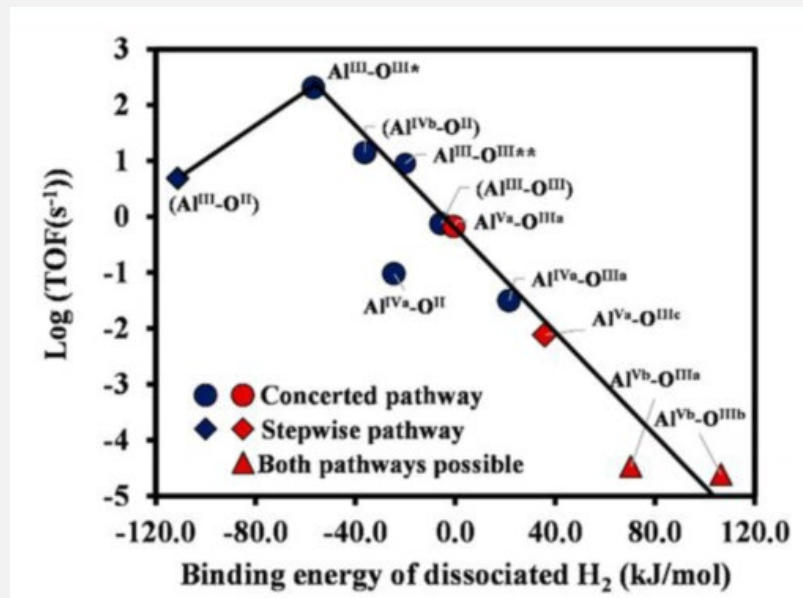
- 总结标题引言中提出的问题和论点
- 强调文章得出的结论
- 说明研究的不足之处或遗留问题
- 展望研究领域的前景

Tips

- 不要重复摘要中的陈述
- 强调从研究中学到的部分

图片 (Graphics)

- 目的:
 - 提高数据呈现的有效性
 - 提供对结果的更好理解
 - 查看数据中的趋势和关系
 - 通过定量分析突出具体结果
 - 比文字形式更简洁地传达信息

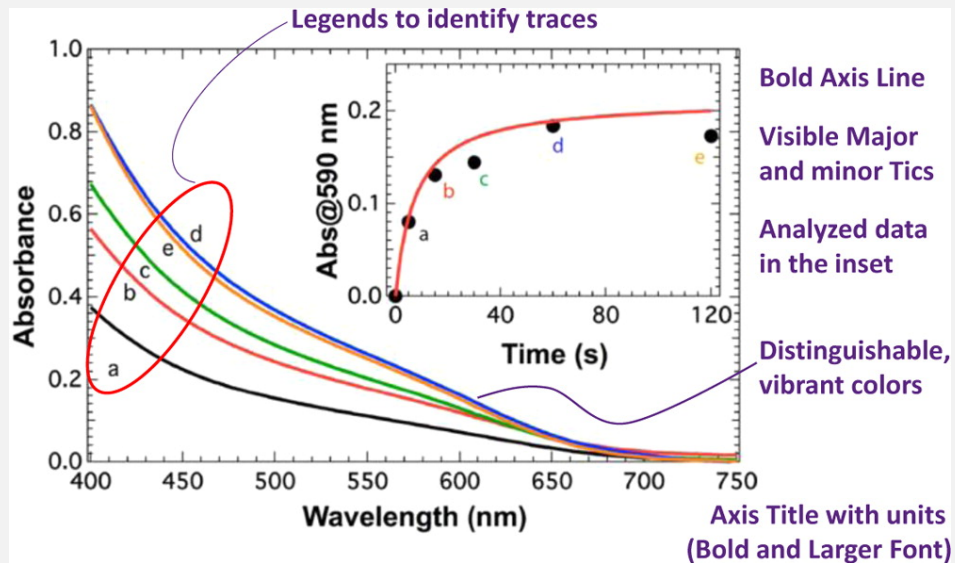


[figure] Dixit, M., P. Kostetsky and G. Mpourmpakis, ACS catalysis, 2018. 8(12): p. 11570-11578.

图片 (Graphics)

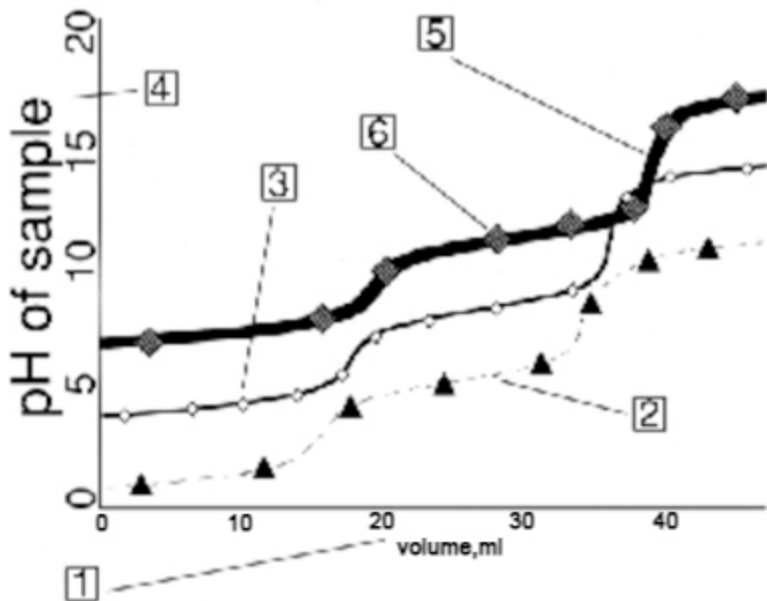
■ Tips:

- 保持图线的清晰度
- 选择合适的轴和说明
- 用大刻度和小刻度标记刻度, 并插入适当的单位
- 保持合适图例大小



关于更详细的关于如何作图的指导可以访问
[ACS Guide](#)或[ACS Publish Center](#)

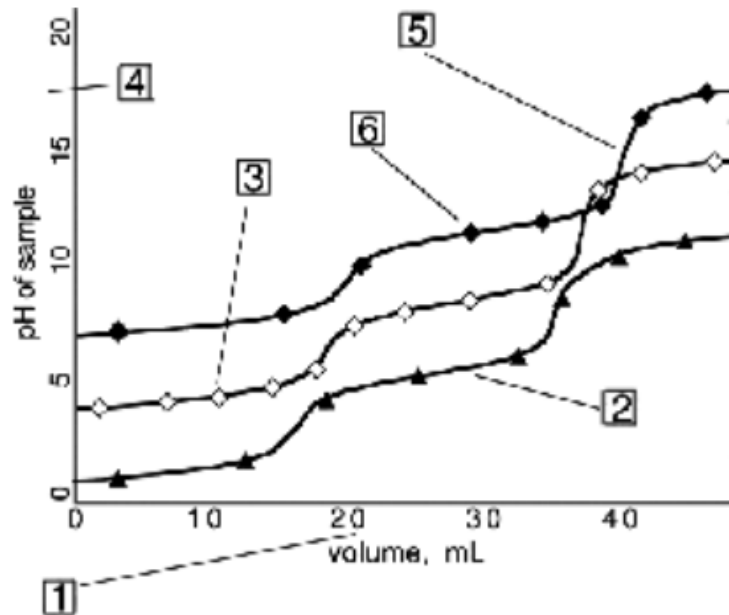
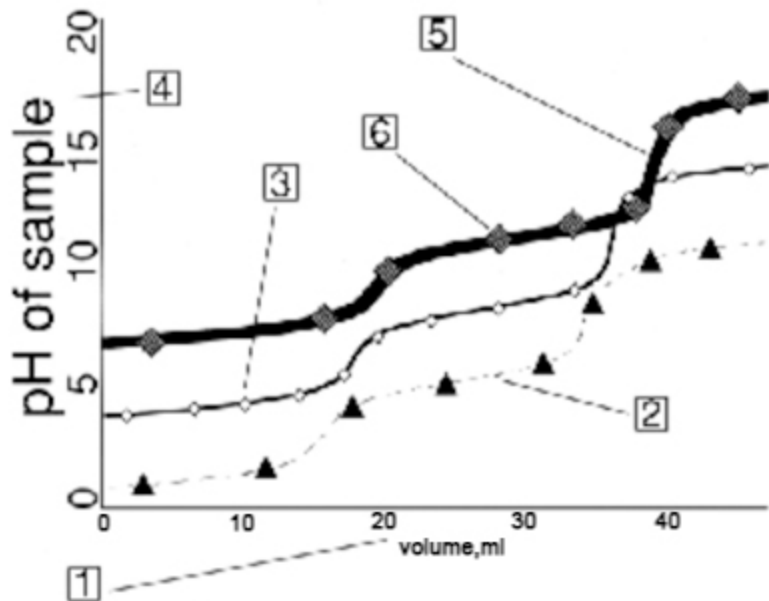
请一位同学指出下图的问题



■ 问题:

- 1.这个字体太小而无法阅读
- 2.这条线太细了。出版时可能会消失
- 3.数据点太小了。出版时无法区分
- 4.与横轴比字体过大
- 5.线条太粗。出版时可能会掩盖数据点
- 6.模拟灰色的图案在打印时会出现斑点

请一位同学指出下图的问题



表格 (Table)

关于更详细的关于如何作表的指导可以访问
ACS Guide或ACS Publish Center

■ 何时使用表格：

- 数据**不能**以叙述的形式清晰地呈现时
- 必须呈现**许多精确的数字**时
- 当**有意义的相互关系**可以通过表格更好地传达时
- **补充**，而不是重复文字和图片中提供的信息

■ 回答以下问题以确定是否需要表格：

- 我想一目了然地传达基本观点吗？

使用图片

- 我希望读者看到趋势和关系吗？

使用图片

- 我希望读者看到确切的数字吗？

使用表格

- 我想用文字传达大段数据吗？

使用表格

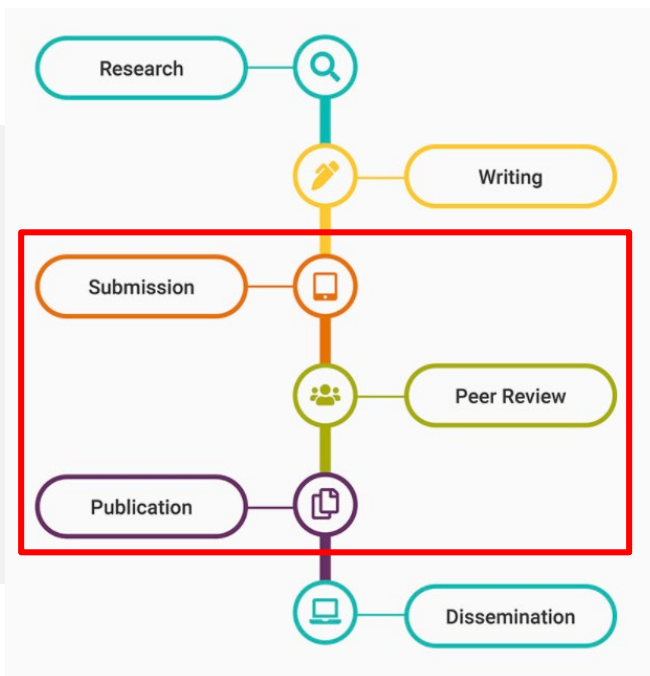
英文科技论文写作注意点

- 注意用词规范性：
 - 避免使用冗余表达 (“it is”, “there are”, “this is”)
 - × **It is a** procedure that is often used.
 - √ This procedure is often used.
 - 避免使用缩略词
 - × **wasn't**
 - √ was not
 - × **There are** seven steps that must be completed.
 - √ Seven steps must be completed.
 - × **in the lab**
 - √ in the laboratory
 - × **This is** a problem that is prevalent in the sciences.
 - √ This problem is prevalent in the sciences.
- 避免出现语法，标点等低级错误



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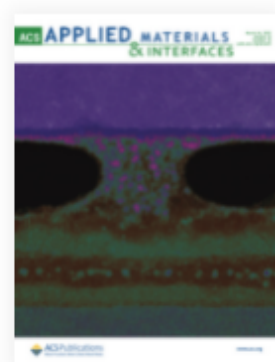
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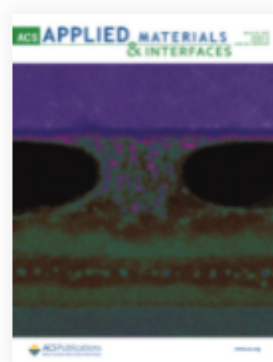
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Luyao Gao, Shuanhong Ma*, Luyao Bao, Xia Yong-min Liang*, and Feng Zhou

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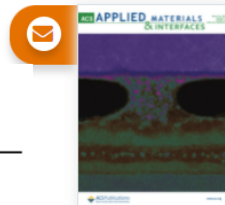
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Deborah Hartmann, Thaddäus Thorwart, Rabea Beate Neumann, Norbert W. Mitzel*, and Lu

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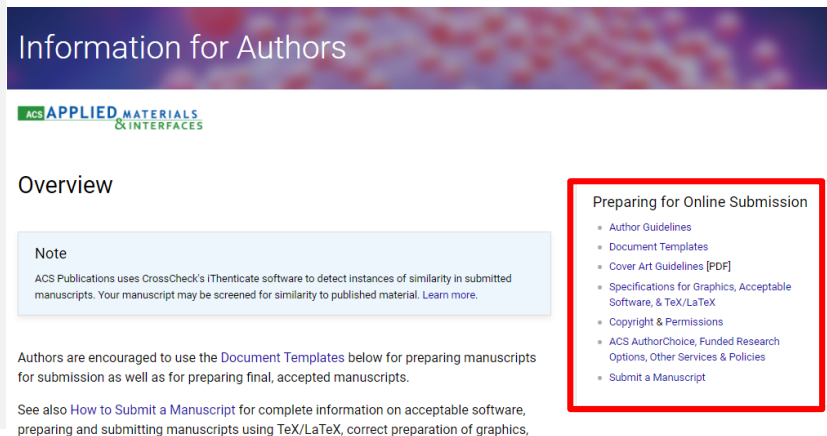
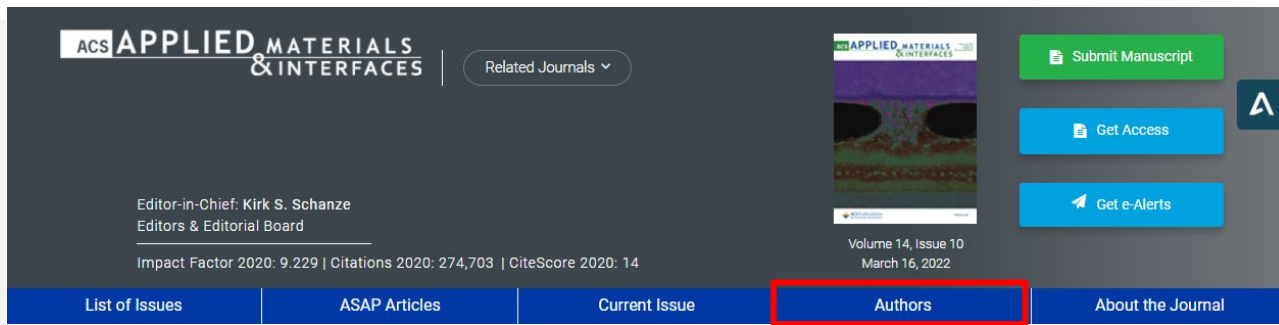
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We describe a new, non-natural enzyme-catalyzed reaction, aziridination of olefins via intermolecular nitrene transfer. **We discovered** that a variant of cytochrome P450BM3 **used in our previous** studies of intermolecular sulfimidation also catalyzes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

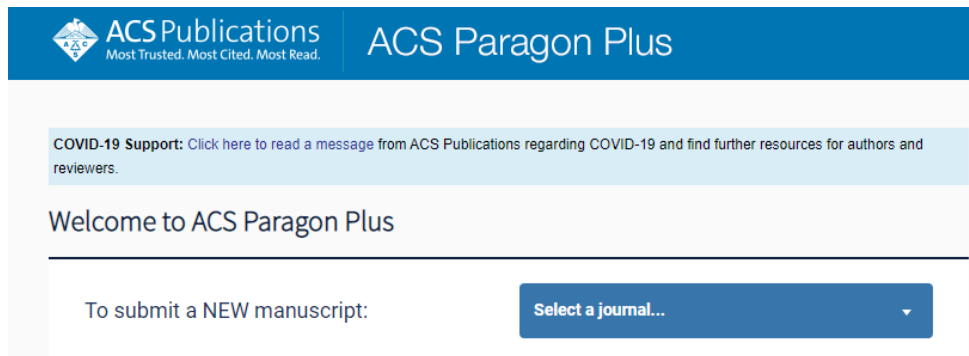
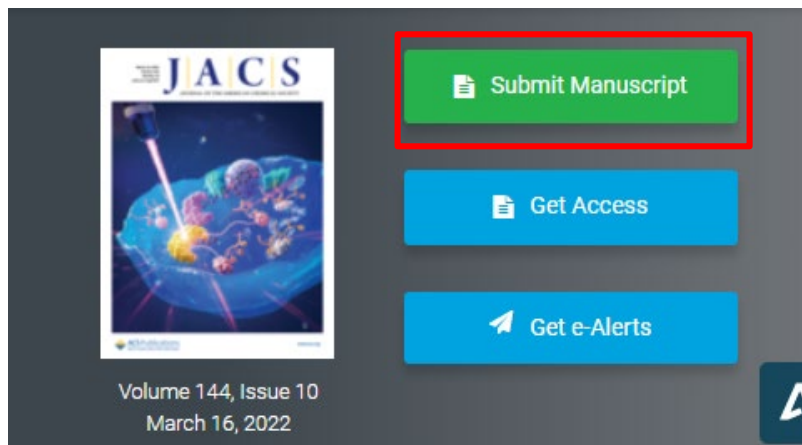
概括研究工作重点和亮点

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

阐明研究影响力，紧扣期刊主题

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