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邓永刚.

大中华区市场及商务开发经理

2020年10月CALIS第十八届引进数据库培训周

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ALL ABOUT  
**ACS PUBLICATIONS**

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## ACS是世界最大的科学协会



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IN **140+** COUNTRIES

### SISTER DIVISIONS



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# ACS Publications Is a Global Leader with Rapid Growth in Asia

ACS出版社是全球领导者，在亚洲快速增长

**156** MILLION  
ARTICLE REQUESTS

**51** MILLION  
CHINA



**36** MILLION  
USA



**28** MILLION  
EUROPE



**60+**

PEER-REVIEWED  
JOURNALS

ACS eBooks,  
*ACS Guide to Scholarly  
Communications*

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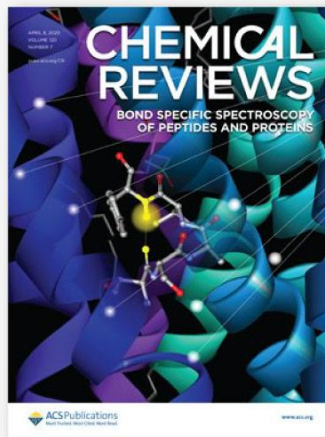
# ALL ABOUT **ACS JOURNALS**



# ACS Journals Rank #1 in Total Cites in Chemistry

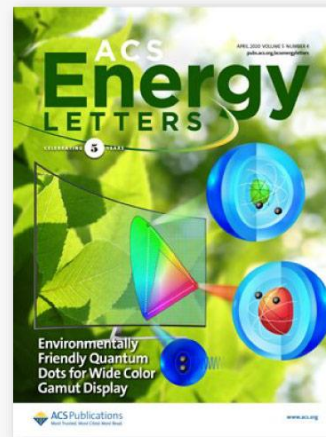
## 在化学领域ACS期刊总引用排名第一

- Led by distinguished, research-active Editors
- Rapid publication—4 to 6 six weeks from submission to online publication for Letters journals



2018 IMPACT FACTOR

**54.301**



2018 IMPACT FACTOR

**16.331**



2018 IMPACT FACTOR

**14.695**

# TAKE A DEEPER DIVE

## 2020 JOURNAL CITATION REPORTS

Journal Title	Impact Factor*	Total Articles Published	Total Citations	Journal Title	Impact Factor*	Total Articles Published	Total Citations
Accounts of Chemical Research	20.832	324	72,738	Crystal Growth & Design	4.089	816	30,972
ACS Applied Bio Materials	-	-	-	Energy & Fuels	5.421	1,244	50,867
ACS Applied Electronic Materials	-	-	-	Environmental Science & Technology	7.864	1,484	181,990
ACS Applied Energy Materials†	4.475	1,016	4,671	Environmental Science & Technology Letters	7.678	121	5,696
ACS Applied Materials & Interfaces	8.758	5,381	214,885	Industrial & Engineering Chemistry Research	3.575	2,145	79,542
ACS Applied Nano Materials	-	-	-	Inorganic Chemistry	4.825	1,794	96,159
ACS Applied Polymer Materials	-	-	-	Journal of Agricultural and Food Chemistry	4.192	1,446	118,586
ACS Biomaterials Science & Engineering	4.152	605	5,877	Journal of Chemical & Engineering Data	2.369	619	23,357
ACS Catalysis	12.350	1,155	70,712	Journal of Chemical Education	1.585	360	11,622
ACS Central Science	12.685	184	8,666	Journal of Chemical Information and Modeling	4.549	476	19,075
ACS Chemical Biology	4.454	505	12,884	Journal of Chemical Theory and Computation	5.011	579	33,459
ACS Chemical Health & Safety	-	-	-	Journal of Medicinal Chemistry	6.205	689	74,893
ACS Chemical Neuroscience	4.486	461	6,881	Journal of Natural Products	5.779	409	27,285
ACS Combinatorial Science	3.381	86	2,060	Journal of Proteome Research	4.074	397	22,281
ACS Earth and Space Chemistry	3.418	257	820	Journal of the American Chemical Society	14.612	2,507	556,233
ACS Energy Letters	19.005	349	18,351	Journal of the American Society for Mass Spectrometry**	5.255	281	9,581
ACS Infectious Diseases	4.634	196	2,184	Langmuir	3.557	1,806	118,036
ACS Macro Letters	6.042	234	10,864	Macromolecules	5.918	958	102,410
ACS Materials Letters	-	-	-	Molecular Pharmaceutics	4.521	483	18,599
ACS Medicinal Chemistry Letters	5.975	258	6,545	Nano Letters	11.238	1,180	165,521
ACS Nano	14.588	1,580	166,989	Organic Letters	6.091	2,105	101,001
ACS Omega	2.870	2,488	10,646	Organic Process Research & Development	3.023	286	8,796
ACS Pharmacology & Translational Science	-	-	-	Organometallics	3.804	510	35,680
ACS Photonics	6.864	415	13,268	The Journal of Organic Chemistry	4.535	1,576	97,162
ACS Sensors	7.335	397	6,209	The Journal of Physical Chemistry A	2.600	1,097	59,525
ACS Sustainable Chemistry & Engineering	7.632	2,179	41,078	The Journal of Physical Chemistry B	2.857	1,088	106,982
ACS Synthetic Biology	4.411	286	5,603	The Journal of Physical Chemistry C	4.189	1,405	155,280
Analytical Chemistry	6.785	2,035	140,785	The Journal of Physical Chemistry Letters	6.710	1,154	50,054
Biochemistry	2.885	514	70,613				
Bioconjugate Chemistry	4.021	307	15,877				
Biomacromolecules	6.082	427	18,863				
Chemical Research in Toxicology	3.184	247	11,878				
Chemical Reviews	52.758	209	200,014				
Chemistry of Materials	9.567	1,041	111,299				

According to the 2019 Journal Citation Reports® (Clarivate Analytics, 2020).

\*ACS Applied Energy Materials 2019 Impact Factor is a partial value calculated since the journal began publishing in 2018.  
\*\* Journal of the American Society for Mass Spectrometry was not published by ACS during the time period reported on by 2019 JCR.

- The 2020 Journal Citation Reports® (JCR) show the vital role ACS Publications journals play in publishing important, highly cited research.
- 89% of ACS journals have an Impact Factor greater than 3 this year.

# ACS Responds to Global Call for Open Science

## ACS对全球开放科学呼声的回应

- 3 all-open access journals:  
*ACS Central Science*,  
*ACS Omega*, *JACS Au*
- Expanding Read + Publish programs help researchers and administrators
- 100% of ACS journals publish open access articles






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INTRODUCTION TO THE  
**PLATFORM**


# ACS Publications Web Experience


## Redesigned Website (改版网站)

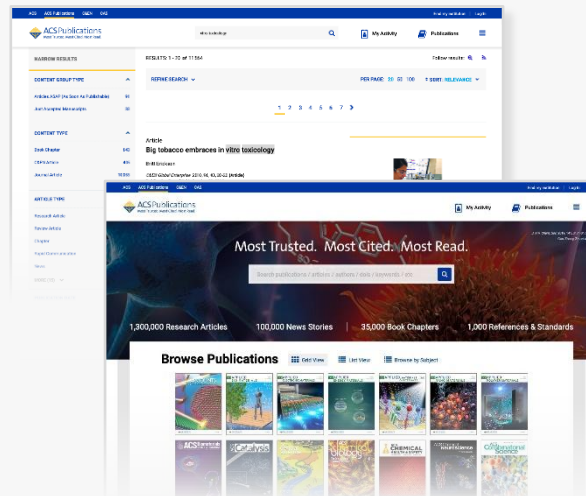
 Quick-search feature at top, persistent across website

 Get updates to search when new results appear using “follow results” to save your search (free ACS ID required)


 Browse from journal pages by list of issues, recently published manuscripts, current issue, featured content, subject, most read, ACS Editors' Choice


 Search by keywords, author, cite—then narrow search by timeframe, journals, open access articles


 New subject-based taxonomy—browse by subject across many journals





# ACS Publications Web Experience Redesigned Article Pages (改版文章页面)


 Key metrics on article pages:  
Article views, citations,  
Altmetric Attention Score


 Share through social media  
or email

 View list of references,  
Supporting Information,  
recommended articles

 Responsive design for tablets  
and smartphones

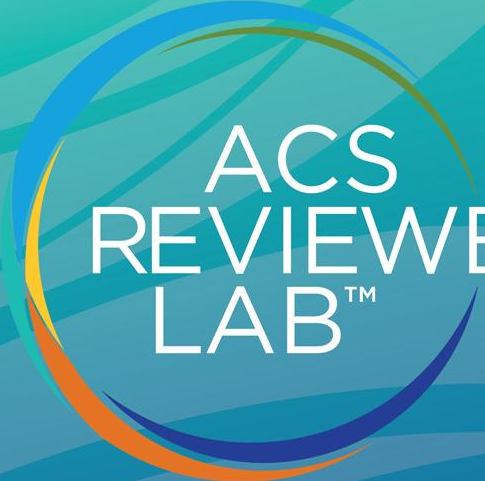
 Add article to your Mendeley,  
download to your citation  
manager of choice

 Easily access figures with  
persistent right column

 Leverage power of SciFinder  
through Reference QuickView



The screenshot displays the ACS Publications article page for the paper "Supramolecular Anchoring of Octahedral Molybdenum Clusters onto Graphene and Their Synergies in Photocatalytic Water Reduction". The page features a clean, modern layout with a blue header and a white main content area. The article title is prominently displayed at the top, followed by the authors' names and the journal information. A navigation bar includes options for "PDF (3 MB)", "Supporting Info (1)", and "Subjects". The abstract section is clearly marked and contains a detailed summary of the research. A 3D molecular model of the molybdenum clusters on a graphene surface is shown in the right-hand column, with labels for "TEA", "H<sub>2</sub>O", and "H<sub>2</sub>". Below the abstract, the "Synopsis" and "Introduction" sections are visible, providing further context and details of the study. The page also includes a "References" section and a "Supporting Information" link.

The logo for ACS Reviewer Lab is centered on the page. It consists of the text "ACS REVIEWER LAB™" in white, sans-serif font, stacked vertically. The text is enclosed within a circular graphic composed of several overlapping, semi-transparent arcs in shades of blue, teal, and orange. The background of the entire image is a gradient of teal and blue, with soft, flowing, abstract shapes that create a sense of movement and depth.

ACS  
REVIEWER  
LAB™

# ACS Reviewer Lab Is a Free Peer-Review Training Course (同行评议免费在线培训)

- Designed by Editors, leading scientific researchers, ACS staff
- Only requires ACS ID to get started
- Real-life guidance on navigating tricky ethical situations
- 4,700 enrollments in 2019



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# ACS Reviewer Lab Consists of 6 Modules (6个交互模块)



Introduction to peer review



Ethics in peer review



Preparing for review



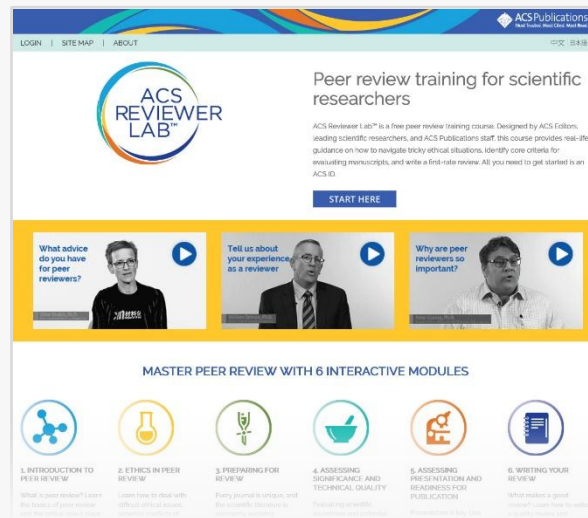
Assessing significance and technical quality



Assessing presentation and readiness for publication



Writing your review



The background of the image is a blurred, colorful molecular structure, likely a protein or a complex molecule, rendered in shades of blue, purple, and red. The text is centered over this background.

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**CENTER**

ACS Publishing Center (一站式ACS出版中心)

# Everything You Need to Prepare and Review Manuscripts for ACS Journals



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Learn About the Peer Review Process

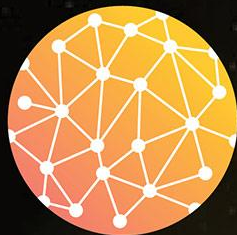


Review ACS Publishing Policies

[publish.acs.org/publish](https://publish.acs.org/publish)

The screenshot shows the ACS Publishing Center website. The header includes the ACS Publications logo and navigation links for ACS Journals, ACS eBooks, and CAEN Global Enterprise. The main content area features a large banner with the text "ACS Publishing Center" and "Everything you need to prepare and review manuscripts for ACS journals." Below this, there is a "Login" button and a "Register Now" link. A callout box on the right asks "Whatever happened to that manuscript you reviewed?" and mentions access to data. Below the banner, there is a section titled "Journal Guidelines And Templates" with a dropdown menu to "Select an ACS journal" and a list of links for "Author Guidelines", "Journal Scope", "Data and Figure Requirements", and "Open Access and Preprint Policies".





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# Resources for Institutional Subscribers (机构订户资源)

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Journals



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Research Tools

## Quick Links

Navigate quickly to our most commonly used resources.



Open Access



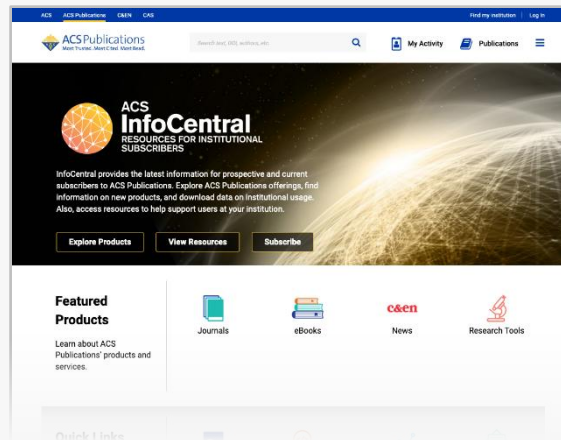
MARC Records



Usage Reports



Get Help



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ACS PUBLICATIONS

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# ACS Remote Access (ACS远程访问)

In response to campus and workplace closures worldwide, ACS Publications is expanding capabilities to ensure you can effectively access ACS Publications research remotely.

RETURN TO ISSUE | < PREV COMMUNICATION NEXT >  
**Dehydrogenative Coupling of Benzylic and Aldehydic C-H Bonds**  
Tairin Kawasaki, Naoki Ishida\* and Masahiro Murakami\*  
Cite this: *J. Am. Chem. Soc.* 2020, 142, 7, 3366-3370  
Publication Date: February 3, 2020  
https://doi.org/10.1021/jacs.9b13920  
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PDF (1 MB) **Access Through University of Oxford** More Access Options  
Add or Change Institution

## Federated access using your campus/institution credentials

- Our recent partnership with [SeamlessAccess.org](https://seamlessaccess.org) makes this option even easier to use.

My Activity Publications  
Most Trusted. Most Cited. Most Read.  
Search publications / articles / authors / date / keywords / etc  
100,000 News Stories | 35,000 Book Chapters | 1,000 References &  
Grid View List View Browse by Subject  
PAIRING Pair this device


## Pair your device for off-campus access

- Connect to a recognized campus/corporate network to pair a device.
- Devices stay paired for 4 months but can be renewed.

A Virtual Issue of *Macromolecules*: "Polymers from Renewable Resources"  
DOI: 10.1021/acs.macromol.9b01119  
A virtual issue collects a set of recently published *Macromolecules* papers in a Web-only edition of the journal; they may also be found directly from the *Macromolecules* Home Page (<http://pubs.acs.org/journals/MACR>). We provide online access to these papers free of charge...  
☆ D<sup>0</sup> Cited by 174 Related articles All 5 versions  
HTML | acs.org

## Google CASA (Campus Activated Subscriber Access)

- When searching in Google Scholar, you will see links to "acs.org" that will take you directly to full text regardless of your location.



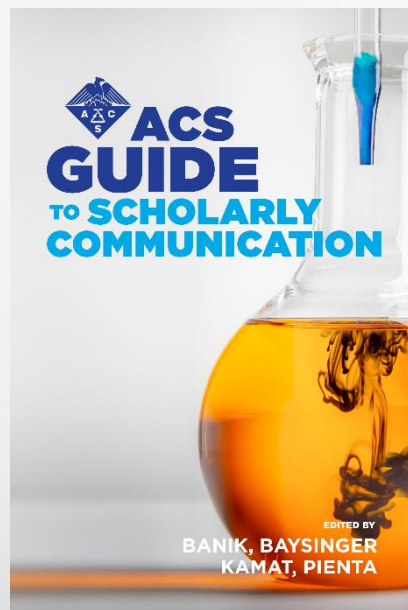
# ACS GUIDE TO SCHOLARLY COMMUNICATION

(学术沟通指导参考书)

- Comprehensive and authoritative
- Broad applicability across multiple disciplines
- New digital-first version
- Continually evolves to reflect the most current information in a rapidly changing publishing landscape



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ON  
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# ACS on Campus

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2017年5月上师大  
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2018年4月中山大学  
2018年5月CCS会议  
2019年4月厦门大学  
2019年6月天津大学  
2019年10月兰州大学  
2020年7月湖南大学  
2020年9月中国科学院文献情报中心  
2020年11月四川大学





ACS PUBLICATIONS

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# ACS Publications Symposia Series (ACS Pubs全球科技研讨会)

Brings together researchers from around the world to connect and share their scientific research advances:

- Present your work to the greater scientific community
- Learn from leading researchers
- Network with peers

[symposium.acs.org](http://symposium.acs.org)





**Chem**Rxiv™

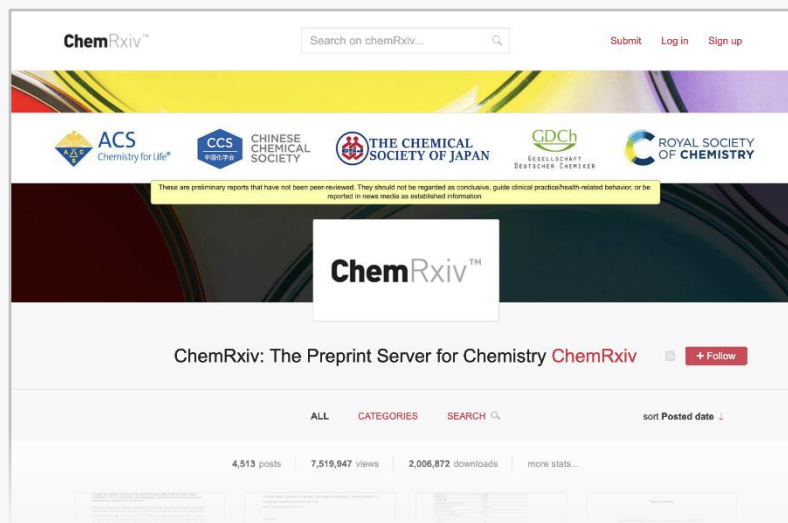
ChemRxiv

# The Preprint Server for Chemistry

## 化学相关领域的预印本平台

- Supported by five global chemical societies
- 2 days from submission to posted online
- No peer review
- Register early results
- Direct transfer to peer-reviewed journals

[chemrxiv.org](https://chemrxiv.org)





**sciMeetings**

A SERVICE FROM THE  
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## SciMeetings

# A Platform to Showcase Scientific Presentations and Posters (在线墙报和演示文稿平台)

- Citability – assigned an unique DOI
- Your work can be cited by others before published in a journal!
- Searchability – through ACS Platform, tag with related keywords to enhance discoverability
- Shareability – Free to read , seamless through social media
- Techy – incorporated features such as videos, animations, audio clips

[scimeetings.acs.org](https://scimeetings.acs.org)



# Covid-19 Open Resources (新冠病毒相关开放资源)

## ❖ Content Access: CARSI and CSTCloud Access plus:

- CARSI: DRAA members through institution certified username
- CSTCloud: CAoS members
- CAoS WebVPN Access

## ❖ Relevant Articles Open Access:

- **Journal content:** virtual issue
- **C&EN news coverage**

## ❖ ChemRxiv:

## ❖ SciMeetings:

- Host posters and presentations
- Start with Spring National Meeting posters and presentations
- Unique DOI, searchable through ACS Pubs platform
- Can share through social media and can upload animation, video and audio clips

## ❖ CAS content:

- **Report:** Research and Development on Therapeutic Agents and Vaccines for COVID-19 and Related Human Coronavirus Diseases
- **Open Dataset:** CAS Covid 19 antiviral candidate compounds dataset



# New Journal 2019-2021 (近年新刊)

- New in 2019:

- ACS Applied Bio Materials*
- ACS Applied Electronic Materials*
- ACS Applied Polymer Materials*
- ACS Pharmacology & Translational Science*

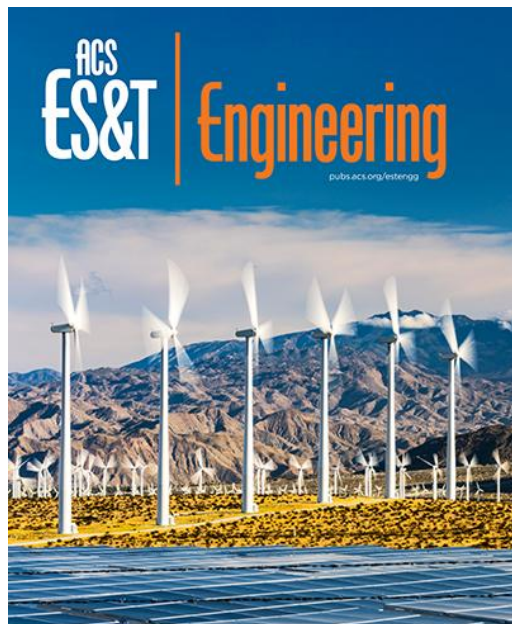
- New in 2020:

- Journal of the American Society for Mass Spectrometry*
- ACS Materials Letters*
- ACS Chemical Health & Safety*

- New in 2021:

- ACS ES&T Engineering*
- ACS ES&T Water*
- ACS Food Science & Technology*
- ACS Agricultural & Technology*
- Accounts in Materials Research*
- New OA Journal : JACS Au*





- *ES&T*系列期刊中的一员
- 于6月2日起开放投稿。
- 覆盖环境技术与工程领域的所有重要问题，使其成为人们获取前沿知识和工程解决方案、应对当今及未来环境问题的主要信息来源。

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# ACS ES&T Engineering 首届编辑团队



主编： **Wonyong Choi**  
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**Nancy G. Love**  
**Borchardt and Glysson Collegiate Professor**  
Department of Civil & Environmental Engineering  
University of Michigan, USA

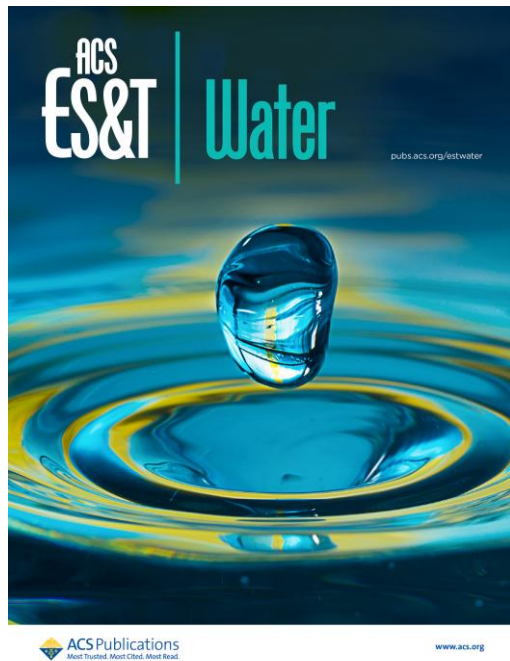


**Jaehong Kim**  
**Henry P. Becton Sr. Professor and Chair**  
Department of Chemical & Environmental  
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Yale University, USA



**马军**  
**教授，中国工程院院士**  
环境学院  
哈尔滨工业大学

## ACS ES&T Water



- *ES&T*系列期刊中的一员
- 于6月2日起开放投稿。
- 期刊关注海洋和淡水环境的水质污染、工业和市政用水等相关研究，同时也欢迎与水相关的跨学科探索，以及公共政策和决策评估的科学研究。

# ACS ES&T Water 首届编辑团队



**主编：** Shane A. Snyder  
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Environment and Water Research  
Institute  
Professor, School of Civil and  
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Georgia Institute of Technology, USA



**Jörg E. Drewes**  
Professor of Urban Water Systems Engineering  
Department of Civil, Geo and Environmental  
Engineering  
Technical University of Munich, Germany



**杨敏**  
副主任，研究员  
中国科学院生态环境研究中心  
(中国)

## ACCOUNTS of Materials Research

INTRODUCING

ACS Partner Journal

ACCOUNTS  
—of materials research—



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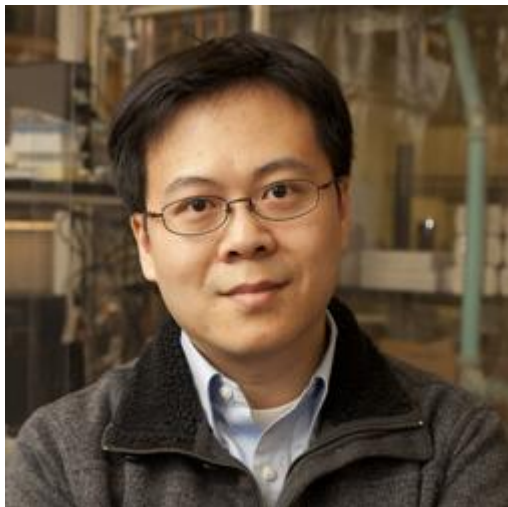


- 2020年6月1日创刊，是ACS 首本国际合作期刊
- 与上海科技大学合作出版，今年夏天开始接受稿件
- 发表简明扼要的评论性综述文章，概述材料科学和工程各领域的基础和应用研究。这些简短的综述将聚焦于作者自己的研究，旨在向读者介绍系统的研究工作
- 文章目前仅限邀稿，但是可以提交proposal供审阅



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# Accounts of Materials Research 创刊主编



黄嘉兴博士

- 美国西北大学材料科学与工程系教授
- 黄教授的研究团队致力于利用化学原理和工具推进材料加工和制造，并利用材料方面的创新来解决其它科学、工程和社会领域的问题
- 黄教授曾多次入选化学和材料领域全球高被引科学家，曾获IUPAC青年科学家奖、NSF CAREER Award、斯隆研究奖、古根海姆奖、洪堡研究奖等多个重要奖项。

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周铭康/Mark Zhou



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