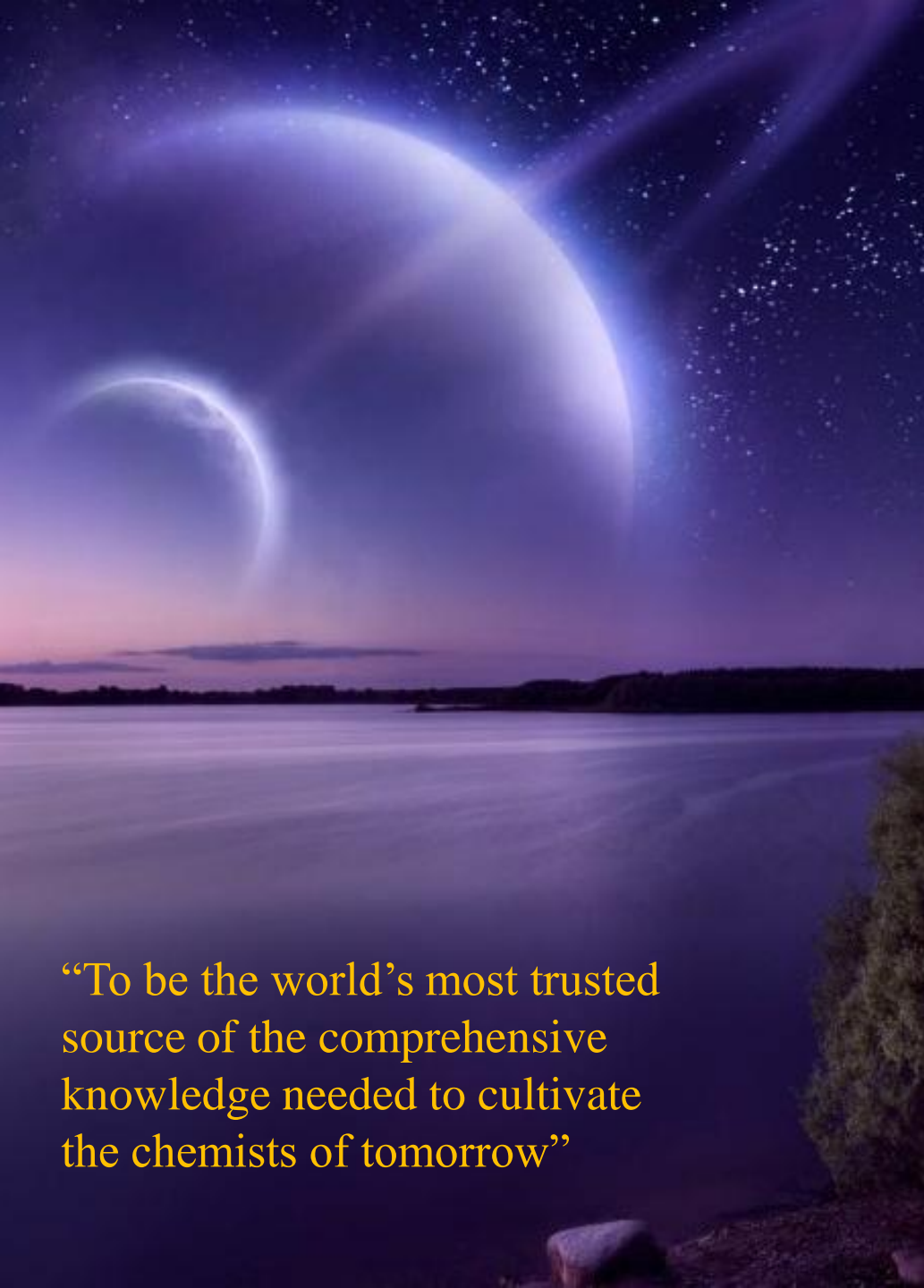


# ACS Publications 数据库使用指南

Feb, 2020  
iGroup Training Team



“To be the world’s most trusted source of the comprehensive knowledge needed to cultivate the chemists of tomorrow”



ACS Publications  
Most Trusted. Most Cited. Most Read.

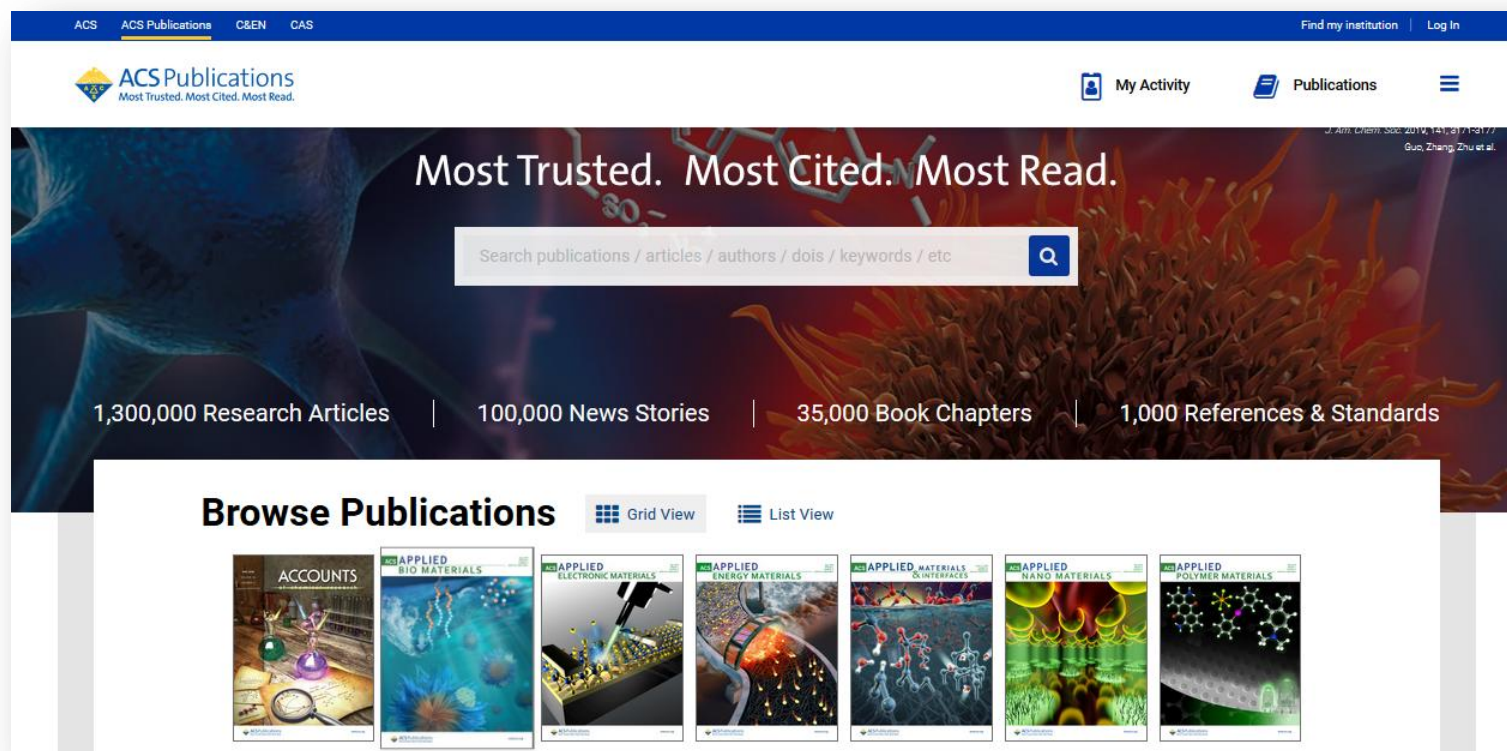
## 内容列表

- 1 平台功能一览
- 2 ACS资源介绍
- 3 开放获取政策

# 平台功能一览

## ■ 新版平台

为改善我们全球研究人员的使用体验，并更好地服务我们的用户，ACS出版社在新版数据库平台增加了不少显著有效的功能。



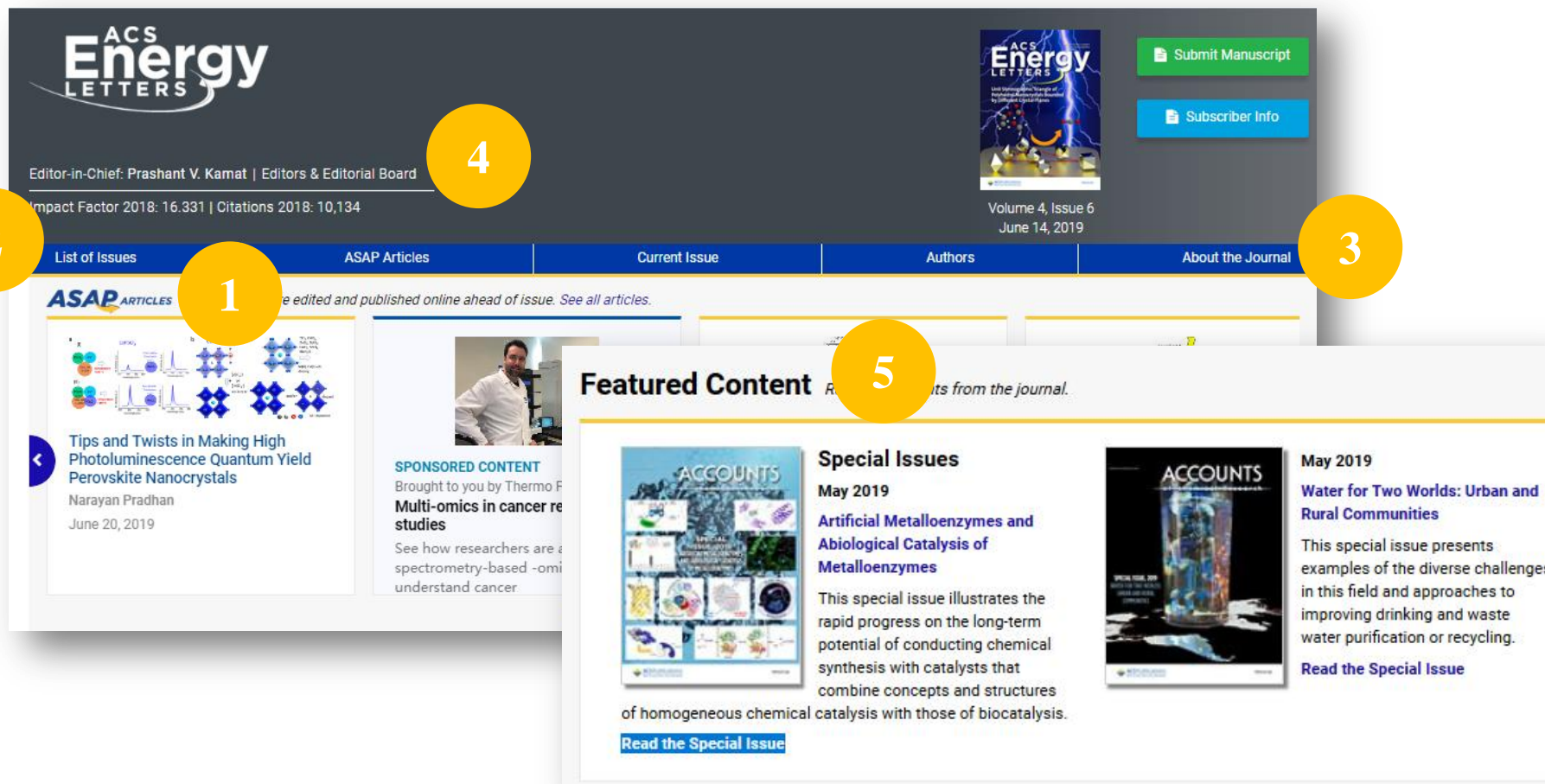
The screenshot displays the ACS Publications website interface. At the top, there is a navigation bar with links for ACS, ACS Publications, C&EN, and CAS. On the right side of the navigation bar, there are links for "Find my institution" and "Log In". Below the navigation bar, the ACS Publications logo is prominently displayed, along with the tagline "Most Trusted. Most Cited. Most Read.". To the right of the logo, there are icons for "My Activity" and "Publications". The main content area features a large banner with the text "Most Trusted. Most Cited. Most Read." and a search bar. Below the search bar, there are four statistics: "1,300,000 Research Articles", "100,000 News Stories", "35,000 Book Chapters", and "1,000 References & Standards". The "Browse Publications" section is visible, showing a grid of publication covers for various journals, including ACCOUNTS, APPLIED BIO MATERIALS, APPLIED ELECTRONIC MATERIALS, APPLIED ENERGY MATERIALS, APPLIED MATERIALS & INTERFACES, APPLIED NANO MATERIALS, and APPLIED POLYMER MATERIALS. The interface also includes a "Grid View" and "List View" toggle.

## ■ 特色新功能

1. 简洁的导航栏：各期刊主页的导航栏更加简洁，方便用户查看提前上线的文章 (ASAP)、历年卷期、期刊的研究范围和编辑团队等信息。
2. 更好的浏览体验：可在期刊/电子图书的目录页预览摘要文字和插图。
3. 直观的全文页面：在网页版全文中，文章的被访问、转发/收藏和引用次数一目了然，插图、参考文献列表和 Supporting Information 统一归入侧栏。
4. 移动设备自适应：用移动设备打开数据库，网页自动适应，无需安装APP。

## ■ 特色新功能

1. 简洁的导航栏：各期刊主页的导航栏更加简洁，方便用户查看提前①上线的文章 (ASAP)、②历年卷期、③期刊的研究范围和④编辑团队。在期刊主页中部显示有⑤特色栏目和专题文集。

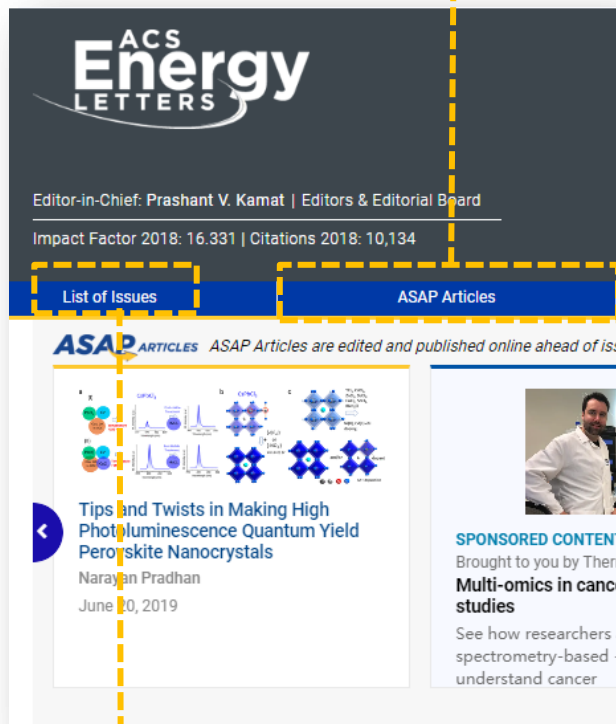


The screenshot shows the ACS Energy Letters journal homepage. The navigation bar (callout 2) includes 'List of Issues', 'ASAP Articles', 'Current Issue', 'Authors', and 'About the Journal'. The 'ASAP Articles' section (callout 1) features a grid of article thumbnails, including 'Tips and Twists in Making High Photoluminescence Quantum Yield Perovskite Nanocrystals'. The 'Featured Content' section (callout 5) highlights 'Special Issues' for May 2019, such as 'Artificial Metalloenzymes and Abiological Catalysis of Metalloenzymes' and 'Water for Two Worlds: Urban and Rural Communities'. The 'Submit Manuscript' and 'Subscriber Info' buttons are visible in the top right (callout 3).

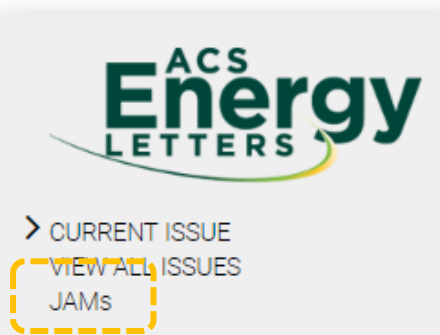
## ■ 特色新功能

\* ASAP和JAMs文章现仅开放给订购用户

- **ASAP**(即可出版文章)
- 已经过**同行评审**和**作者修改**
- 技术编排和作者最终确认后立刻上线
- 尚无卷期页，**但可通过DOI号引用**



- **JAMs**(刚被接受的稿件)
- 已经过**主编认可**和**同行评审**
- 未**经过技术编排**和**作者最终确认**，因此与终稿有差异
- 尚无卷期页，**但可通过DOI号引用**
- 提前上线的目的是**加快论文稿件**中科技信息的传播



## ■ 特色新功能

2. 更好的浏览体验：可在期刊/电子图书的目录页预览①摘要文字和②插图。

**WATER FOR TWO WORLDS: URBAN AND RURAL COMMUNITIES**

### Going Viral: Emerging Opportunities for Phage-Based Bacterial Control in Water Treatment and Reuse


Jacques Mathieu, Pingfeng Yu, Pengxiao Zuo, Marcio L. B. Da Silva, and Pedro J. J. Alvarez\*

*Accounts of Chemical Research* 2019, 52, 4, 849-857 (Article)  
Publication Date (Web): March 29, 2019

Abstract Full text PDF

ABSTRACT **1**

个性设置, 点我看看



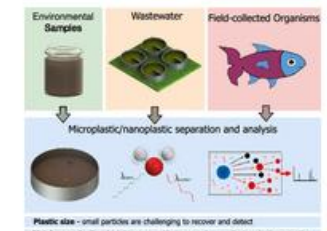
**Separation and Analysis of Microplastics and Nanoplastics in Complex Environmental Samples**

Brian Nguyen, Dominique Claveau-Mallet, Laura M. Hernandez, Elvis Genbo Xu, Jeffrey M. Farner, and Nathalie Tufenkji\*

*Accounts of Chemical Research* 2019, 52, 4, 858-866 (Article)  
Publication Date (Web): March 29, 2019

Abstract Full text PDF

ABSTRACT





3. 直观的全文页面：在网页版全文中，①文章的被访问、转发/收藏和引用次数一目了然，②插图、参考文献列表和 Supporting Information统一归入侧栏。

RETURN TO ISSUE | < PREV ARTICLE NEXT >

## Cannabidiol Enhances the Passage of Lipid Nanocapsul Barrier Both in Vitro and in Vivo

Juan Aparicio-Blanco, Ignacio A. Romero, David K. Male, Karla Slo... García-García and An...

Article Views **698**
Altmetric **252**
Citations **-**

[LEARN ABOUT THESE METRICS](#)

Cite This: *Mol. Pharmaceutics* 2019, 16, 5, 1999-2010  
 Publication Date: March 13, 2019  
<https://doi.org/10.1021/acs.molpharmaceut.8b01344>  
 Copyright © 2019 American Chemical Society  
[RIGHTS & PERMISSIONS](#)

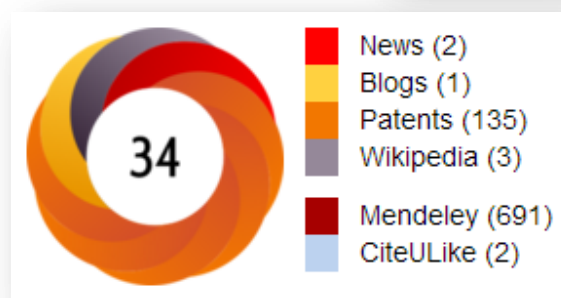




### Abstract



当中这个数字标明了文章见诸新闻媒体或社交网络的次数、被其他论文或专利引用的次数、以及被Mendeley等工具收藏的次数。

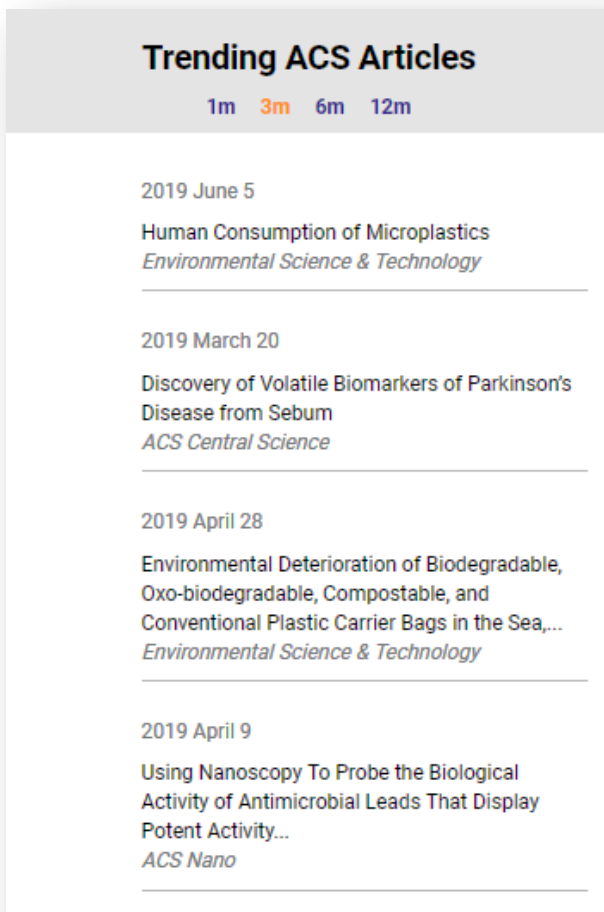




## ■ 原来的功能呢？

### 1. 如何查看热门文章？

新版平台有两个查看热门文章的方法：



**Trending ACS Articles**

1m 3m 6m 12m

2019 June 5  
Human Consumption of Microplastics  
*Environmental Science & Technology*

2019 March 20  
Discovery of Volatile Biomarkers of Parkinson's Disease from Sebum  
*ACS Central Science*

2019 April 28  
Environmental Deterioration of Biodegradable, Oxo-biodegradable, Compostable, and Conventional Plastic Carrier Bags in the Sea, ...  
*Environmental Science & Technology*

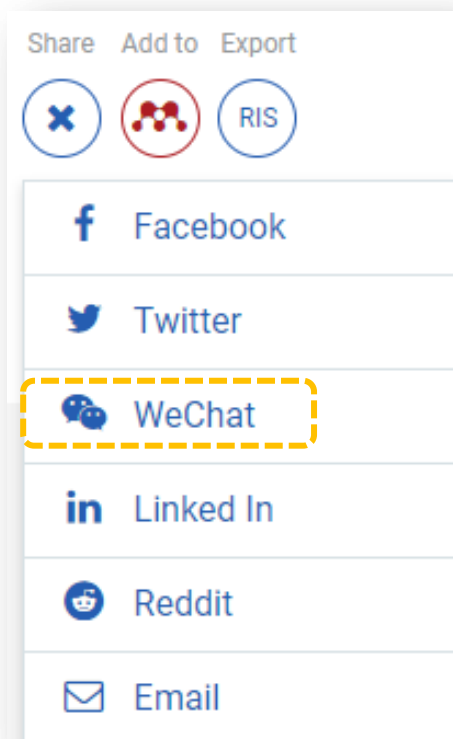
2019 April 9  
Using Nanoscopy To Probe the Biological Activity of Antimicrobial Leads That Display Potent Activity...  
*ACS Nano*

### 方法1：找到Almetric分数高的文章。

在新版平台首页靠下位置，您可以找到 **Trending ACS Articles** 板块，呈现了过去一个月、三个月、六个月和十二个月内 Almetric 指数累积得分的文章。当中这个数字标明了文章见诸新闻媒体或社交网络的次数、被其他论文或专利引用的次数、以及被 Mendeley 等工具收藏的次数。

## 1. 如何查看热门文章？

新版平台有两个查看热门文章的方法：



\* 现在，您可在网页版全文页面找到分享文章给微信好友的按钮！

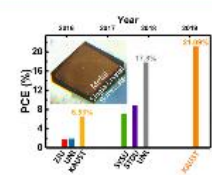
# 1. 如何查看热门文章？

## 方法2：在期刊主页找到“访问量最高的文章”。

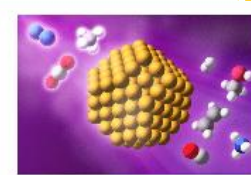
在ACS每一种期刊的主页，都有**Most Read**板块，代表了单本期刊在单位时间内吸引访问量（也即全文下载量）最多的文章；点击[See all articles](#)查看30天或12个月的统计范围。

### Most Read

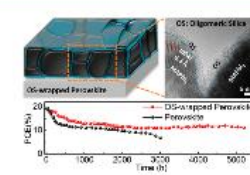
Rankings are updated daily for previous 30 days (below) and previous 12 months. [See all articles.](#)



**Single-Crystal MAPbI<sub>3</sub> Perovskite ...**  
Zhaolai Chen, ... and Osman M. Bakr\*  
May 7, 2019



**Catalysis Enabled by Plasma ...**  
Prateek Mehta, ... and William F. Schneider\*  
April 5, 2019



**Oligomeric Silica-Wrapped ...**  
Yang Bai, ... and Jinsong Huang\*  
May 7, 2019

SEE MORE

## 原来的功能呢？

### 2. 如何按学科浏览文章？

Browse Publications

Grid View

List View

Browse by Subject

## 数据库首页新增按学科浏览视图(Browse by Subject)



Browse Publications

Grid View

List View

Browse by Subject

Browse by Subject

All Subject Areas

Physical chemistry

Inorganic chemistry

Cross-disciplinary concepts

Materials science

Organic chemistry

Organic chemistry

Conformation

Stereochemistry

Physical organic chemistry

Functionalization (5523)

Organic synthesis

See All (318470)

Organic synthesis

Enantioselective synthesis (1623)

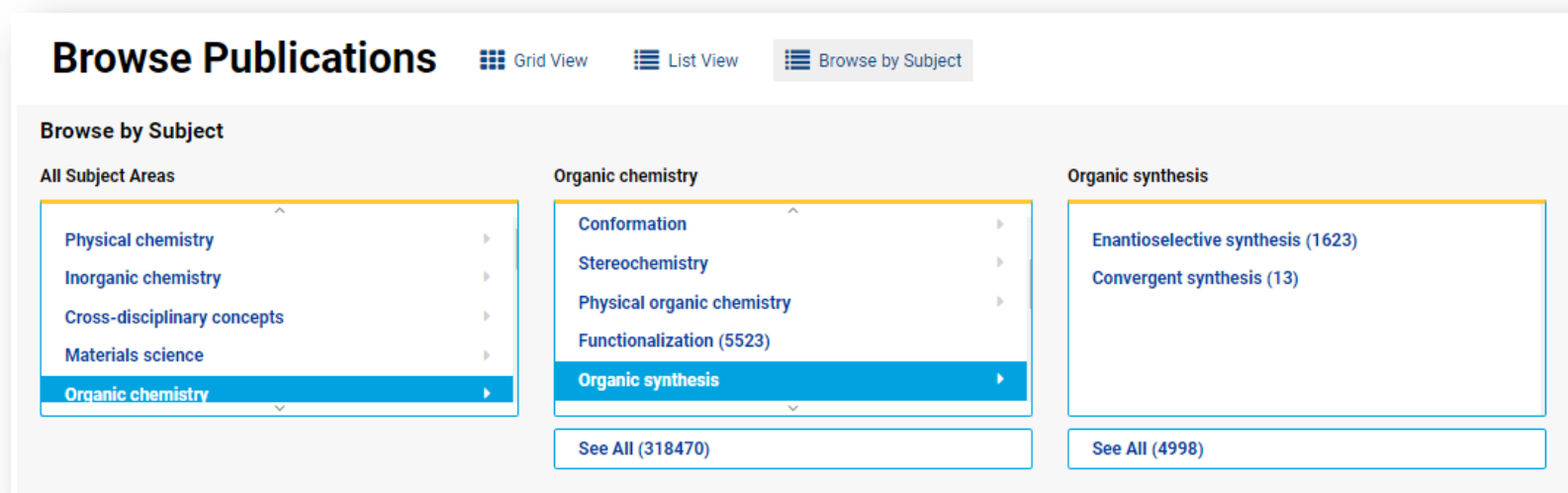
Convergent synthesis (13)

See All (4998)

点击箭头  
上下翻滚

## 原来的功能呢？

### 2. 如何按学科浏览文章？



**Browse Publications**    Grid View    List View    Browse by Subject

**Browse by Subject**

All Subject Areas

- Physical chemistry
- Inorganic chemistry
- Cross-disciplinary concepts
- Materials science
- Organic chemistry**

**Organic chemistry**

- Conformation
- Stereochemistry
- Physical organic chemistry
- Functionalization (5523)
- Organic synthesis**

See All (318470)

**Organic synthesis**

- Enantioselective synthesis (1623)
- Convergent synthesis (13)

See All (4998)

### 21个学科类别，分类方式比以前更细致新颖：

物理化学  
无机化学  
跨学科概念  
材料科学  
有机化学  
生物学和生物化学  
高分子化学

分析化学  
工程和工业化学  
理论和计算化学  
纳米科学  
药物化学  
能源  
催化

地球和环境化学  
化学生物学  
农业和食品化学  
有机金属化学  
超分子化学  
化学教育  
核化学

# 举例：

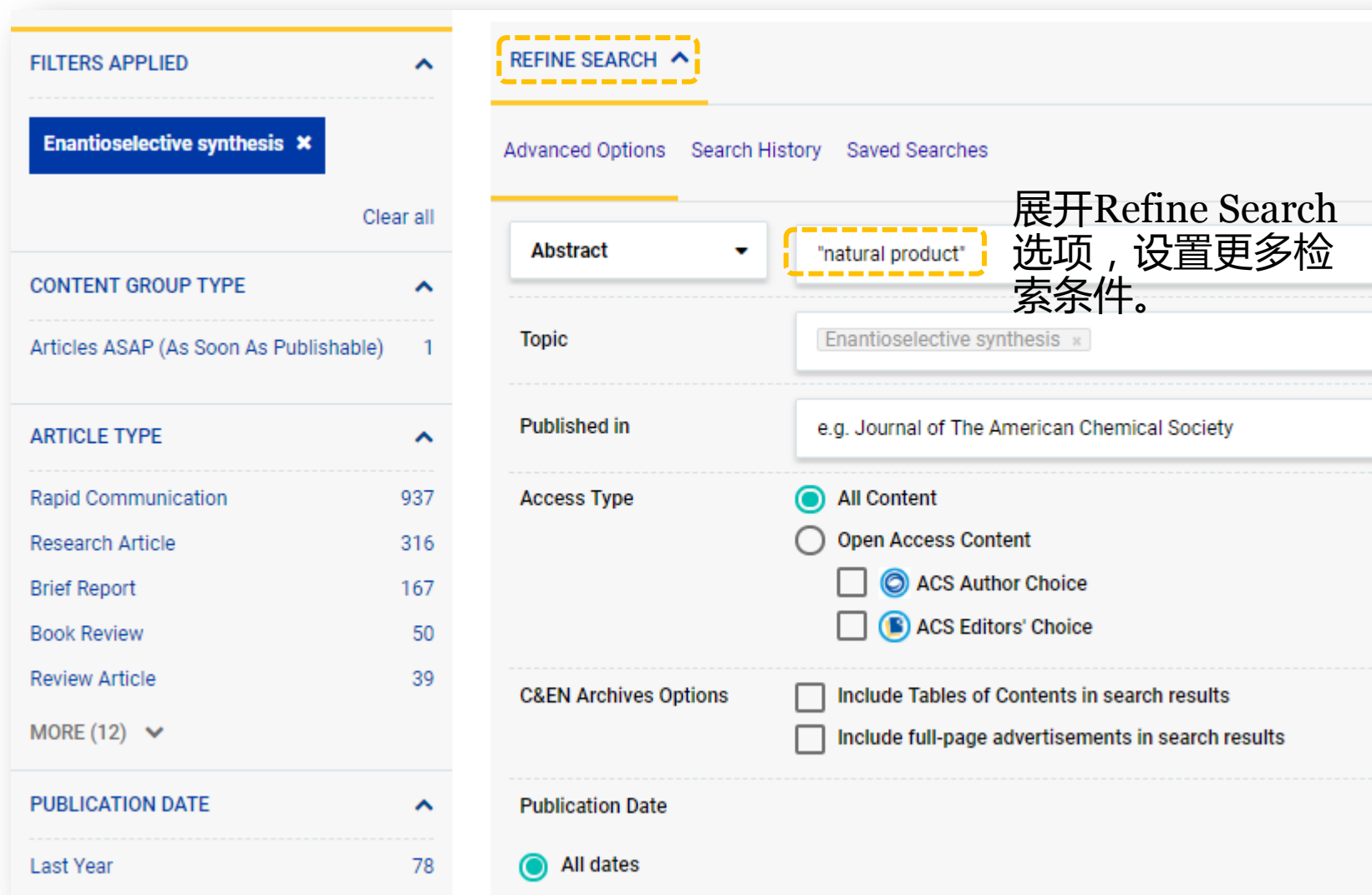
Organic chemistry  
有机化学



Organic synthesis  
有机合成



Enantioselective  
synthesis 对映选择性合成



**FILTERS APPLIED** ▲

**Enantioselective synthesis** ✕

Clear all

**CONTENT GROUP TYPE** ▲

Articles ASAP (As Soon As Publishable) 1

**ARTICLE TYPE** ▲

Rapid Communication	937
Research Article	316
Brief Report	167
Book Review	50
Review Article	39
MORE (12)	▼

**PUBLICATION DATE** ▲

Last Year 78

**REFINE SEARCH** ▲

Advanced Options Search History Saved Searches

Abstract ▼ "natural product"

Topic Enantioselective synthesis ✕

Published in e.g. Journal of The American Chemical Society

Access Type

- All Content
- Open Access Content
  - ACS Author Choice
  - ACS Editors' Choice

C&EN Archives Options

- Include Tables of Contents in search results
- Include full-page advertisements in search results

Publication Date

- All dates

展开Refine Search选项，设置更多检索条件。





### 3. 全文页面的各种功能？

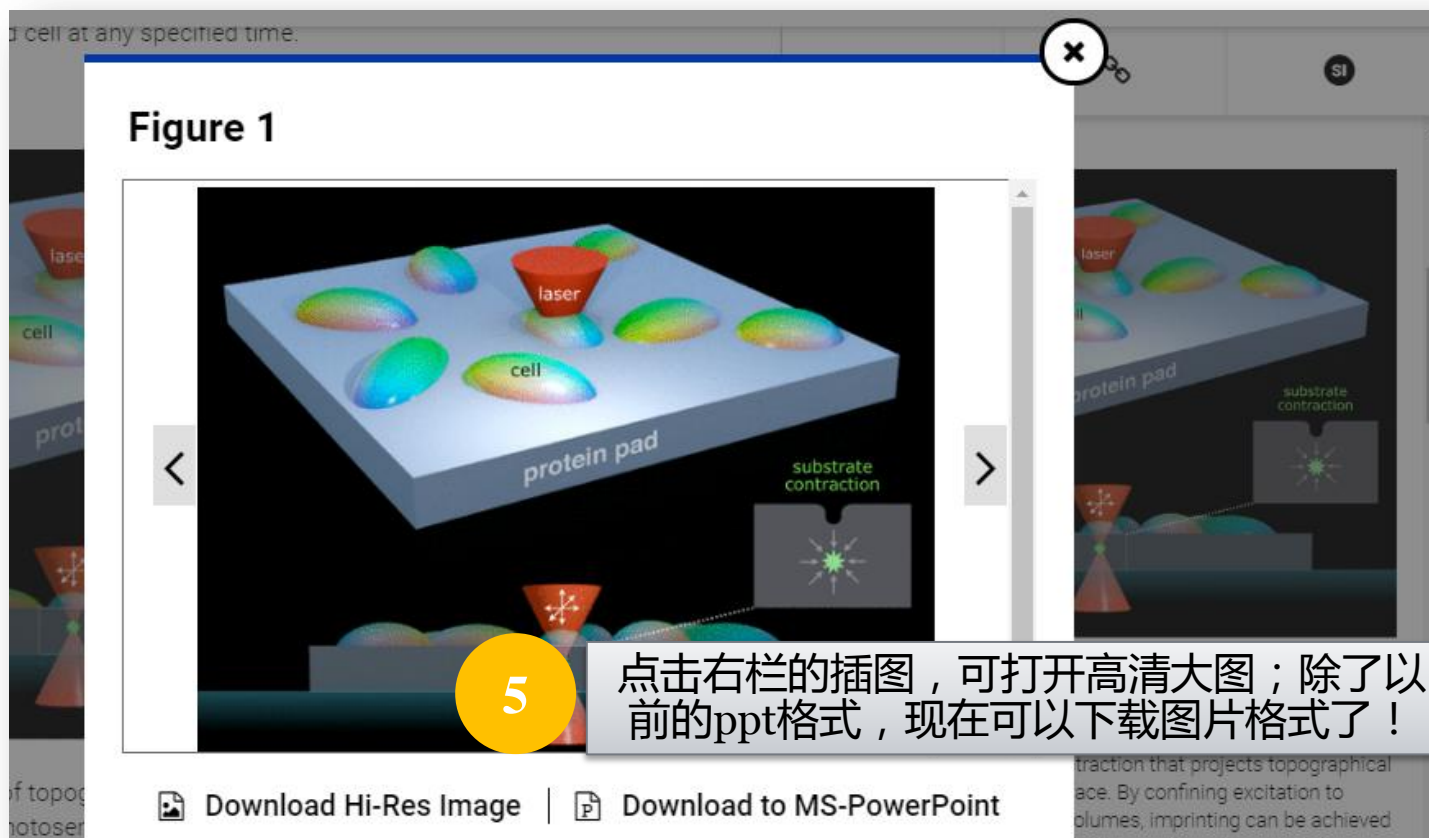


Figure 1

5

点击右栏的插图，可打开高清大图；除了以前的ppt格式，现在可以下载图片格式了！

Download Hi-Res Image | Download to MS-PowerPoint

\* Supporting Information是什么？——文章的帮助信息，为编辑、同行评审和读者提供精确和完整的实验步骤和图文信息。它可以是分子结构图、实验参数、实验数据结果，分析图谱等，投稿时需撰写并另外上传。

\* 部分Supporting Information呈现在figshare内嵌窗口，点击下方的Download按钮即可下载。



Supporting Information for

**Substituted Alkyne Synthesis Under Non-basic Conditions – Copper Carboxylate-mediated, Palladium-catalyzed Thioalkyne–Boronic Acid Cross-Coupling**

by Cecile Savarin, Jiri Srogl\*, and Lanny S. Liebeskind\*

Sanford S. Atwood Chemistry Center, Emory University  
1515 Pierce Drive, Atlanta, GA, 30322


**GENERAL METHODS**

<sup>1</sup>H, <sup>13</sup>C and <sup>19</sup>F NMR spectra were recorded on a Varian Mercury 300 MHz (300 MHz <sup>1</sup>H, 75.0 MHz <sup>13</sup>C) or Varian Inova 400 MHz (400 MHz <sup>1</sup>H, 100.0 MHz <sup>13</sup>C, 376.3 MHz <sup>19</sup>F) spectrometers. All NMR spectra were recorded in CDCl<sub>3</sub> at 25 °C. TMS was used as the reference peak for <sup>1</sup>H and <sup>13</sup>C NMR, and TFA was used for <sup>19</sup>F NMR. Integration was performed using the integral function in the software. The chemical shifts are given in ppm (δ) relative to TMS or TFA. The multiplicities are given in parentheses. The coupling constants are given in Hz. The peak assignments are given in the text.

figshare  [Share](#) [Download](#)

\* ACS LiveSlides是什么？——高度概括性的讲解视频，其画面是关于文章的简要PPT、音频来自作者。主要讲解研究目标、所用方法、过程中遇到的困难等。

ACS Chemical  
**Neuroscience**

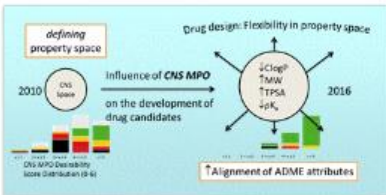


ACS Publications  
Most Trusted. Most Cited. Most Read.

**Central Nervous System Multi-Parameter Optimization Desirability: Application in Drug Discovery**

*Travis T. Wager<sup>†</sup>, Xinjun Hou, Patrick R. Verhoest and Anabella Villalobos*

Pfizer Worldwide Research and Development, 610 Main St Cambridge, Massachusetts 02139



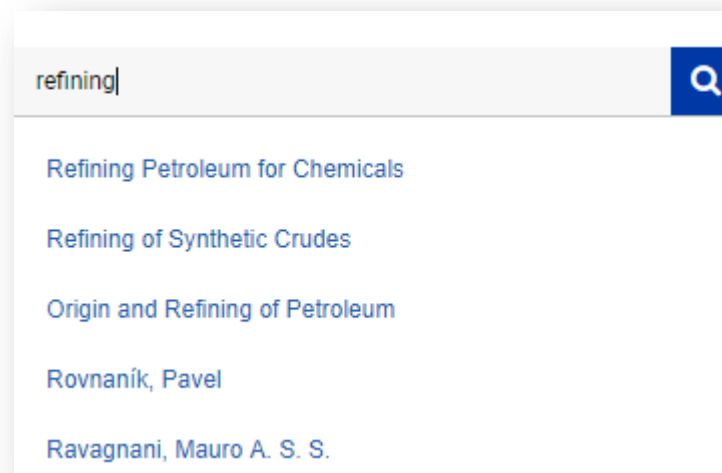
DOI: [10.1021/acschemneuro.6b00029](https://doi.org/10.1021/acschemneuro.6b00029)

⏸
0:05
🔊
📺

## ■ 原来的功能呢？

### 4. 收藏检索式？

如果您之前有注册过ACS ID，那么用它登陆新版数据库平台后，所有之前收藏过的检索式依然在账号中。想收藏新的检索式？分三步走：



### Step 1-检索

在检索栏输入关键词或作者名。输入过程中触发的联想关键词，可提供相关性更高的检索结果。

REFINE SEARCH ^ PER PAGE



Advanced Options Search History Saved Searches

Title ▼ Refining of Synthetic Crudes

Anywhere ▲ Enter Search term

Anywhere  
Title  
Author  
Abstract  
Figure/Table Caption

e.g. Journal of The American Chemical Society

All Content  
 Open Access Content  
  ACS Author Choice  
  ACS Editors' Choice

Publication Date



All dates  
 Last

year ▼

## Step 2-筛选

点击检索结果上的 **Refine Search**，展开更多检索条件，如检索词出现的位置、出版日期、期刊名称等。做好进一步筛选后，再次检索。

RESULTS: 1 - 20 of 1323

Follow results:  

REFINE SEARCH ^

PER PAGE: 20 50 100

SORT: RELEVANCE v

Advanced Options Search History **Saved Searches**

### Save this search

Name:

2005~2019: Energy & Fuels

**Alert me to new results:**

Never  Daily  Weekly  Monthly


**Save search**

### Step 3-保存

点击最终检索结果右上方的放大镜按钮，在弹出窗口为检索式命名并设置提醒频率。

点击**Save search**保存后，除了通过邮件查看该检索式的更新情况，您也可在检索结果和ACS ID 账号后台的Saved Searches找到

Saved Search Name	Frequency	User actions	User actions
2005~2019: Energy & Fuels	M	RUN	DELETE

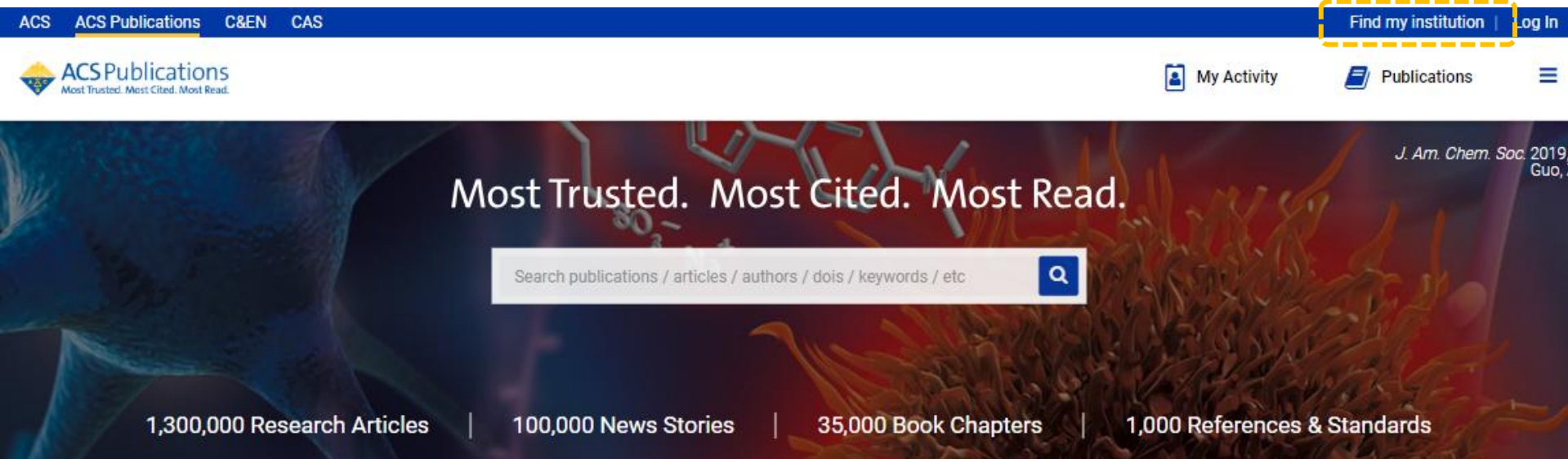


Saved Searches

## ■ 原来的功能呢？

### 5. 远程访问认证？

2020年，ACS Publications数据库加入CARSI，即“Cernet统一认证与资源共享基础设施联盟”，向该联盟的成员高校提供远程访问认证服务。



The screenshot shows the ACS Publications website homepage. At the top, there is a navigation bar with links for ACS, ACS Publications, C&EN, and CAS. On the right side of the navigation bar, there is a "Find my institution" link highlighted with a dashed orange box, and a "Log In" link. Below the navigation bar, there is a search bar with the text "Search publications / articles / authors / dois / keywords / etc" and a magnifying glass icon. The main content area features the text "Most Trusted. Most Cited. Most Read." and a list of statistics: "1,300,000 Research Articles", "100,000 News Stories", "35,000 Book Chapters", and "1,000 References & Standards".

### Step 1

点击数据库首页右上角的 **Find my institution** ；



## Search for your Institution

Search By University or Organization

## Find Institution via Federation

- > ACOnet Identity Federation (Austria)
- > **CARSI Federation**
- > Chinese - CSTCloud ID (CAoS)
- > German Higher Education (DFN-AAI)

### Step 2

点击右侧的**CARSI Federation**展开已订购数据库的成员高校名单；

## CARSI Federation

[< Back to the list](#)

- > Anhui Agriculture University
- > Anhui Normal University
- > Anhui Polytechnic University
- > Anhui University
- > Anhui University Of Science And Technology
- > Anhui University of Technology
- > Beijing Forestry University
- > Beijing Institute of Petrochemical Technology
- > Beijing Normal University
- > Beijing University of Chemical Technology
- > CHONGQING UNIVERSITY
- > CUHK-Shenzhen
- > Chang'an University
- > ChengDu University of Technology
- > China Agricultural University



北京化工大学

登录到 ACS Publications

账号

密码

不保存账号信息

清除历史授权信息

登录

Publishes products and services for the practice and advancement of the chemical sciences.

### Step 3

点击所在学校的名称进入认证页面，登陆后即可在校外访问ACS电子期刊和图书资源。

# ACS资源介绍

## ■ ACS资源涵盖学科

无机化学  
有机化学  
物理化学  
分析化学  
分子生物学  
环境科学与工程  
材料科学与工程  
农学与食品科学

传统化学二级学  
科及相关学科

晶体学  
绿色化工  
纳米技术  
清洁能源  
地球化学  
化学信息学  
生物材料  
临床化学  
药理学

近年新刊涉及  
的交叉学科

适用于几乎所有高  
校STEM学院

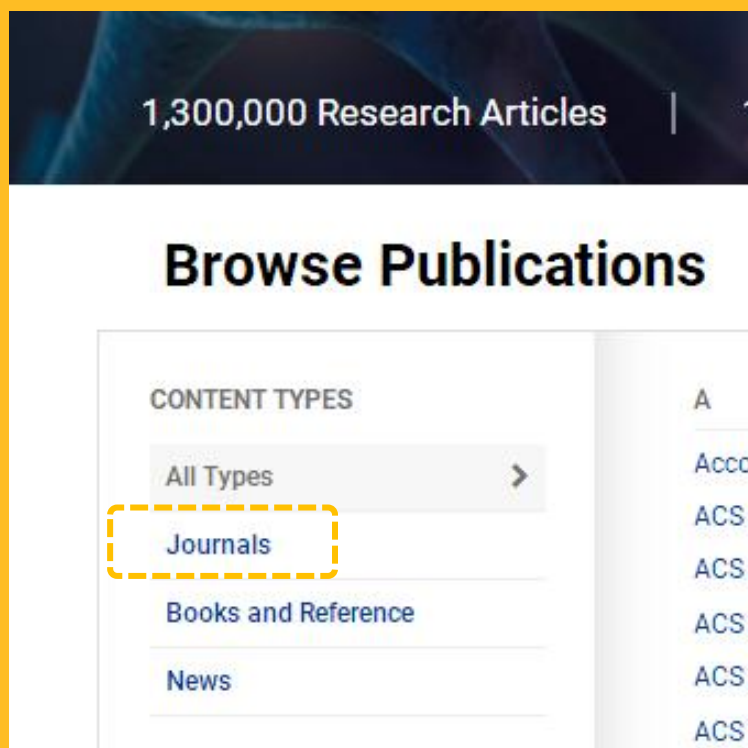
物理与光学学院  
化学工程学院  
材料科学与工程学院  
能源学院  
环资学院  
计算机学院  
医学工程学院  
医学院  
药学院

## 近60种同行评审期刊

- 每年新增超过4万篇研究论文
- 近年新增期刊：
  - ① 六种涉及材料科学和其他学科交叉领域的期刊：  
[ACS Applied Nano Materials](#) (已被SCI收录) | [ACS Applied Energy Materials](#) (已被SCI收录) | [ACS Applied Bio Materials](#) | [ACS Applied Polymer Materials](#) | [ACS Applied Electron Materials](#) | [ACS Materials Letters](#)
  - ② 一种药理学和医学领域期刊：  
[ACS Pharmacology & Translational Science](#)
  - ③ 一种以化学职业健康和安全管理为主题的期刊：  
[ACS Chemical Health & Safety](#) (回溯至1994年第一期)
  - ④ 为美国质谱学会会刊提供访问和投稿平台：  
[JASMS](#) (回溯至1990年第一期, 已被SCI收录)
  - ⑤ 两种环境科学子刊：  
[ACS ES&T Engineering](#)  
[ACS ES&T Waters](#)
  - ⑥ 两种食品科学子刊：  
[ACS Agricultural Science & Technology](#)  
[ACS Food Science & Technology](#)

## ACS Publications资源类型

### ■ Journals=期刊



# We are Stewards of the Most Prestigious Journals in Chemistry-Related Science 化学相关学科最权威期刊的“管家”

## ■ 期刊-旗舰刊

**JOURNAL OF THE AMERICAN  
CHEMICAL SOCIETY**  
美国化学会志

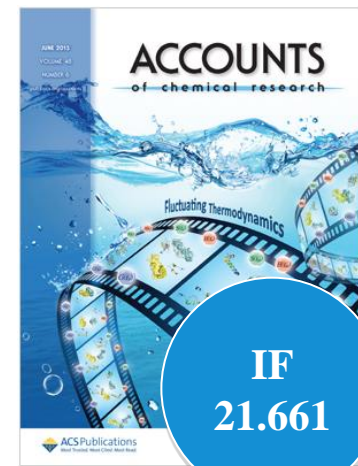
**CHEMICAL REVIEWS**  
化学评论

**ACCOUNTS OF CHEMICAL  
RESEARCH**  
化学研究评述

*To be the world's most trusted source of  
the comprehensive knowledge needed to  
cultivate the chemists of tomorrow*



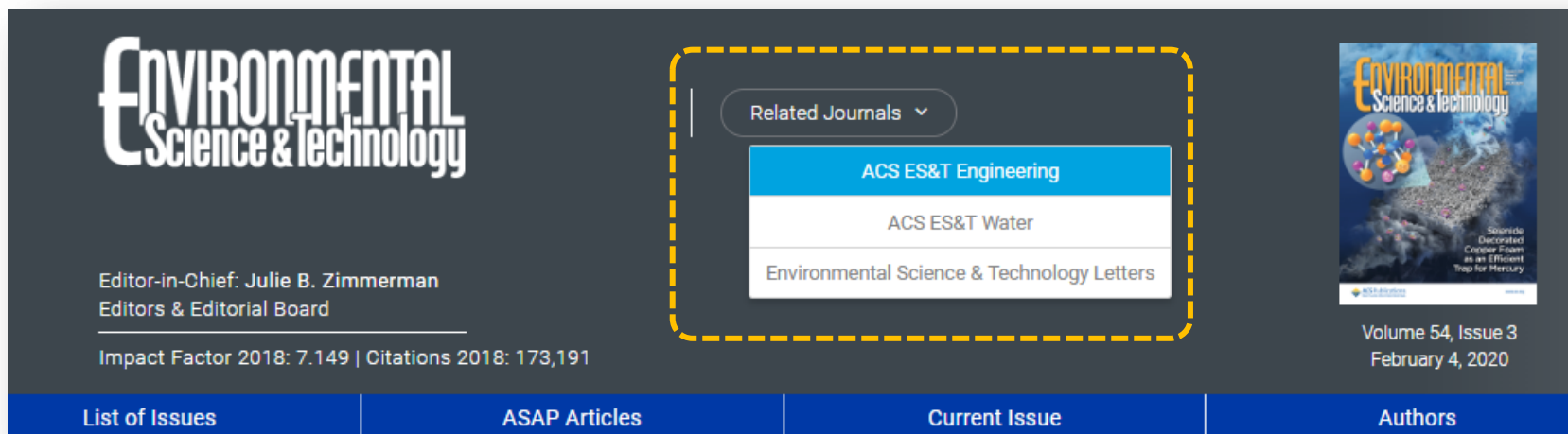
**JACS : 1879年  
创立, 2018度最新  
影响因子涨幅10%**



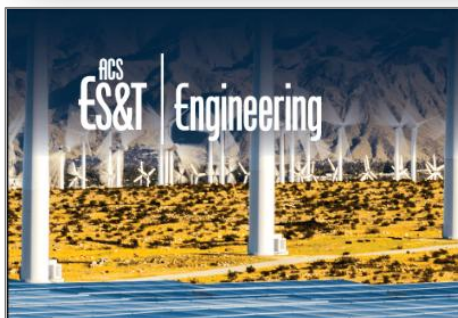
**CR : SCI收录化学大类  
期刊中, 影响因子最高**

## ■ 期刊-新刊详解

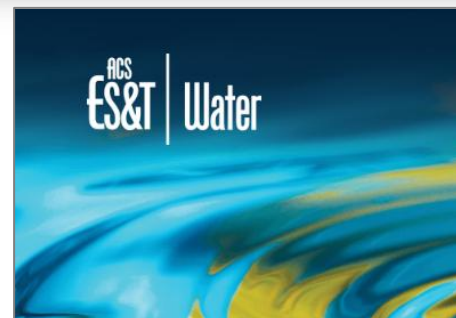
2020年春季起，ACS ES&T Engineering和ACS ES&T Water面向全球环境领域研究人员征稿！



The screenshot shows the ACS ES&T journal website. On the left, the logo for Environmental Science & Technology is displayed, along with the Editor-in-Chief Julie B. Zimmerman and the Editors & Editorial Board. Below this, the Impact Factor for 2018 (7.149) and Citations for 2018 (173,191) are listed. In the center, a 'Related Journals' dropdown menu is open, showing three options: ACS ES&T Engineering (highlighted in blue), ACS ES&T Water, and Environmental Science & Technology Letters. On the right, the cover of Environmental Science & Technology, Volume 54, Issue 3, February 4, 2020, is shown. At the bottom, there are four navigation buttons: List of Issues, ASAP Articles, Current Issue, and Authors.



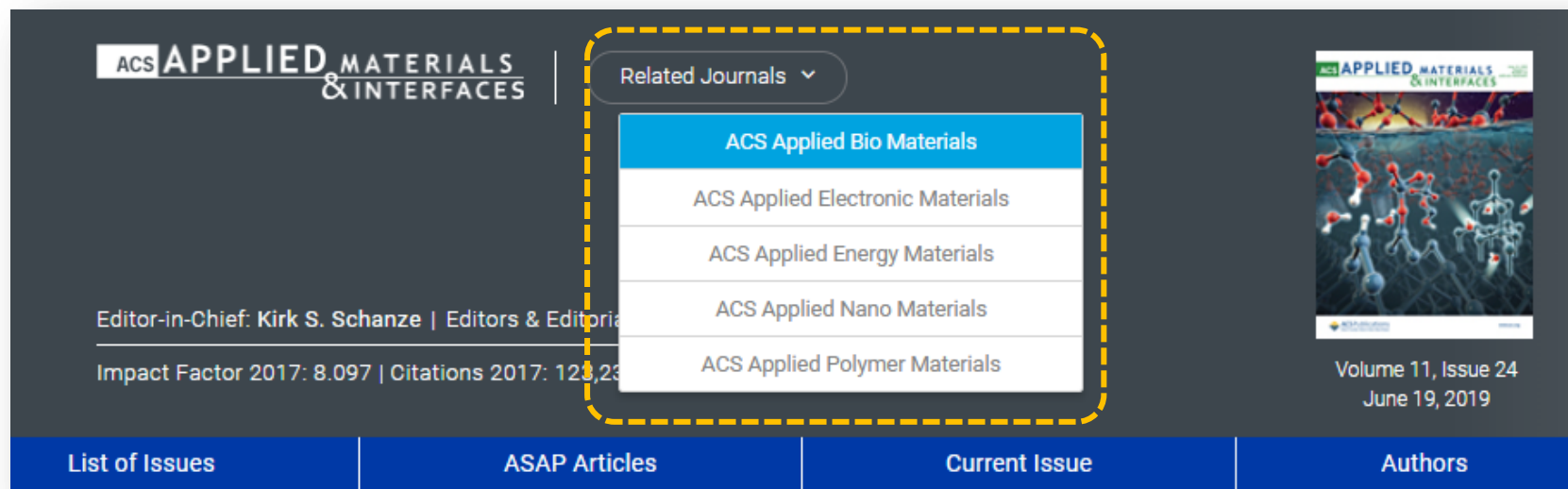
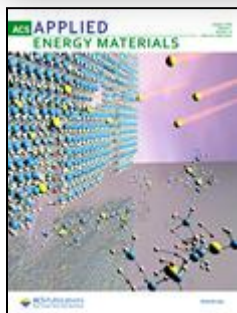
- ✓ 针对能源和环境关联问题的可持续工程工艺；
- ✓ 环境催化、电催化、光催化；
- ✓ 可持续和可再生材料的设计开发；
- ✓ 环境监测和感应技术的开发；
- ✓ 固液气态废弃物的处理、处置和资源回收。。。



- ✓ 供水和可持续性；
- ✓ 水处理、循环和再利用；
- ✓ 水资源保护、政策和规范；
- ✓ 地下水修复和恢复；
- ✓ -新型污染物的检测和定性；
- ✓ 水环境污染物质传递和演变过程的模拟。。。

## ■ 期刊-新刊详解

2018至2019年，广受好评的应用材料类期刊 ***ACS Applied Materials & Interfaces*** 扩大了自己的出版线、新增了五种交叉学科新刊。

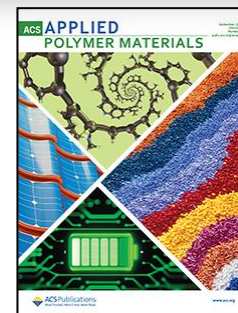
应用能源材料



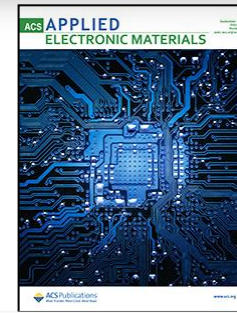
应用纳米材料



应用生物材料



应用高分子材料



应用电子材料



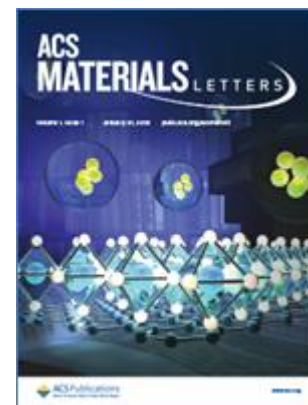
## ■ 期刊-新刊详解

### *ACS Materials Letters* (2019.7至今)

2019年，ACS再推出一本材料科学类新刊ACS Materials Letters，对其姊妹刊Chemistry of Material(CM) 进行补充。这本通讯期刊将作为前沿性基础和应用研究的沟通平台，为材料科学与其他学科（包括化学、环境、能源、生物制药和催化应用）交叉领域内高质量且有迫切发表需求的通讯文章提供便利。

本刊由CM主编Jillian Buriak监督，并由副主编Bin Liu主持。Bin Liu博士担任新加坡国立大学教务长讲座教授和化学与生物分子系主任。

随着ACS Materials Letters的推出，Chemistry of Materials 和 ACS Applied Materials & Interfaces的编辑们共同决定不再出版快报文章！



[pubs.acs.org/journal/amlcef](https://pubs.acs.org/journal/amlcef)

#### 收录的文章体裁：

- ✓ **Letters**
- ✓ **Perspectives**(that highlight an emerging topic of broad interest)
- ✓ **Reviews**(detailed overviews of a current area of research)
- ✓ **Viewpoints**(short comment on a specific research topic)
- ✓ **Previews**(editorial features that alert the readership to exciting materials-related developments)

## ■ 期刊-新刊详解

### ACS Pharmacology & Translational Science (2018.9至今)

ACS Pharmacology & Translational Science收录的创新研究涉及生物学的多个方面——从基础和分子科学到转换临床前研究。编辑团队也会考虑哪些致力于寻找药物作用新机制的临床研究以及可以提供创新或推动转化医学的方法论文章。

#### 编辑团队：

本刊的编辑团队由澳大利亚莫纳什大学药学研究所（MIPS）教授、国家卫生和医学研究委员会（NHMRC）首席研究员Patrick M. Sexton领导；副主编之一是来自中科院上海药物所的谢欣博士。



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Pharmacology  
& Translational Science

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ACS  
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## ■ 期刊-新刊详解

### *ACS Chemical Health & Safety (1994至今)*



**1994 - 2004**

Chemical Health & Safety

**2005 - 2019**

Journal of Chemical Health & Safety

**2020年起**

正式更名为 ACS Chemical Health & Safety ,  
并将第一期至今的全部内容转移至ACS  
Publications数据库 , 作者需通过ACS Paragon  
Plus平台投稿 !

<https://pubs.acs.org/journal/achsc5>

**收录的文章主题 :**

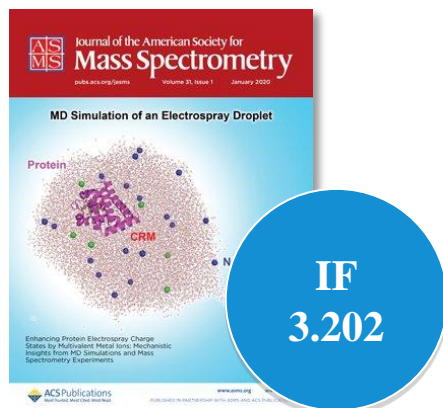
- ✓ 风险评估
- ✓ 危险品介绍
- ✓ 实验室事故报道和经验总结
- ✓ 新出现的污染物和化学安全信息

## ■ 期刊-新刊详解

### *Journal of the American Society for Mass Spectrometry(1990至今)*



**2020年起，ACS出版社与美国质谱学会（ASMS）在JASMS上达成合作分工：**  
在保留ASMS下属的独立编辑团队的同时、籍由ACS出色的电子出版运营能力，为期刊作者和读者带来更多益处。



<https://pubs.acs.org/journal/achsc5>

#### 收录的文章主题：

- ✓ 仪器原理、设计和展示
- ✓ 气相离子的结构和化学性质
- ✓ 热动力学性质
- ✓ 离子光谱
- ✓ 化学分子运动学
- ✓ 离子化的机理
- ✓ 离子碎片化的理论
- ✓ 簇离子
- ✓ 势能面

## C&EN Global Enterprise平台

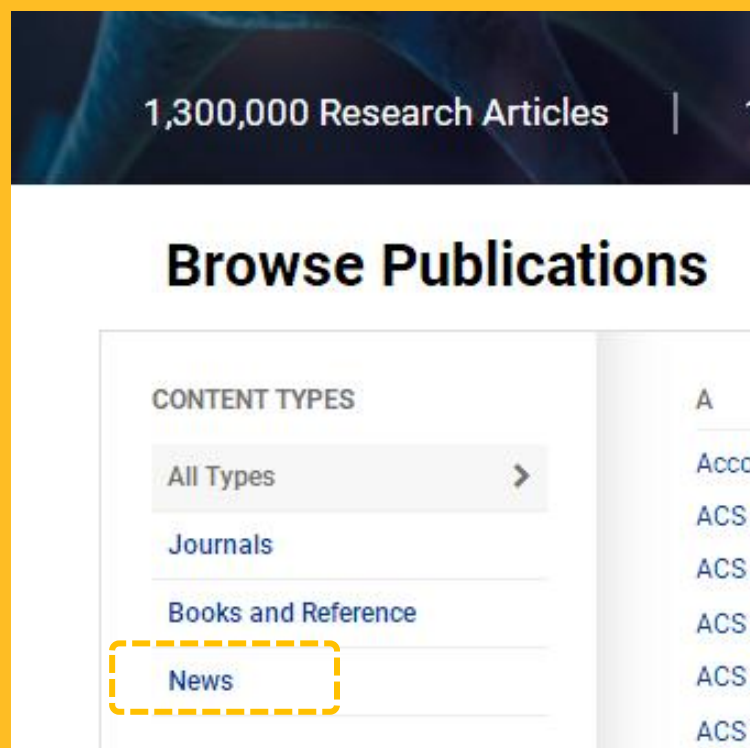
- 涵盖C&EN新闻杂志2016年至今发表的内容：  
进入该平台后，点击 **Past Issues** ，选择相应年份。
- 报道最新研究进展、政策趋势、就业信息。
- C&EN “安全地带”（化学安全科普博客）：  
<https://cenblog.org/the-safety-zone>

## C&EN Archives

- 该刊2016年之前发表的内容。

## ACS Publications资源类型

- News=新闻杂志



# C&EN Global Enterprise 化学化工新闻全球事业平台

**c&en**  
GLOBAL ENTERPRISE

Enter search terms



Current Issue

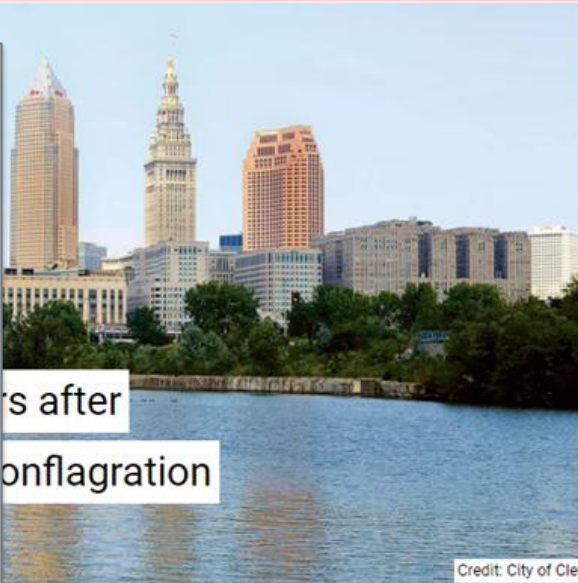
Past Issues

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About

**c&en**JOBS

- 美国化学会为 C&EN 建立了全新的 Global Enterprise 平台，实现了 C&EN 和期刊、图书分享同一检索栏。
- 多种文章主题等您来发掘：
- 科技
- 医学
- 社会
- 市场营销
- 工程
- 环境
- 其他主题（如商业、法规、政策等等）



Credit: City of Cleveland Photo Bureau



June 17, 2019  
Volume 97, Issue 24

In this Issue  
Pages 1-40

**About this Cover:**  
Cuyahoga conflagration 50 years later  
Firefighters on a bridge over the Cuyahoga River spray water on a tugboat surrounded by flames in November 1952. This picture became famous after Time magazine ran it in 1969 with a story about ecological degradation in the US. Public domain

CURRENT ISSUE

PAST ISSUES



1923



1943



1969



2015



2016

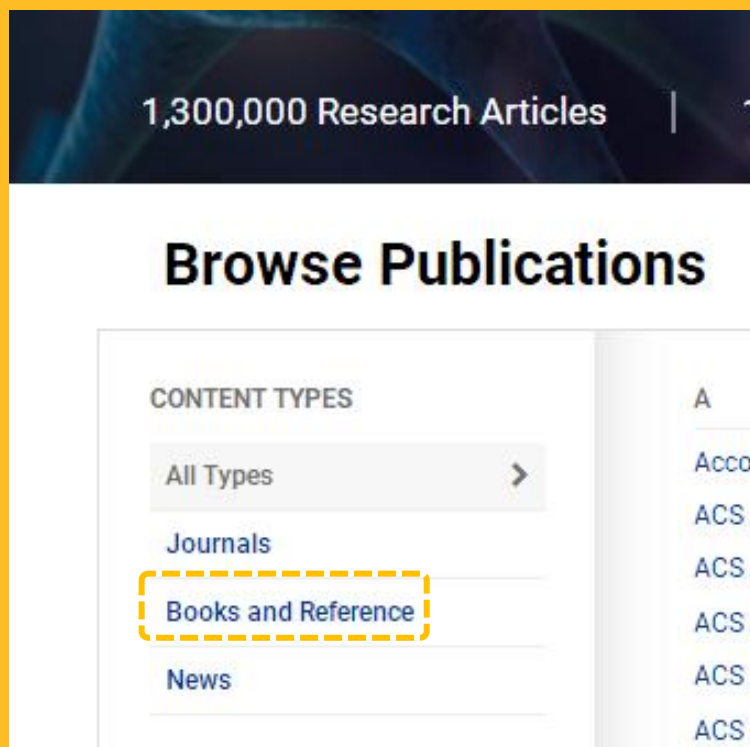
[pubs.acs.org/journal/cgeabj](https://pubs.acs.org/journal/cgeabj)

...2016 AND BEYOND



## ACS Publications资源类型

### ■ Books and Reference=图书



## ACS eBooks

- 两个图书系列
  - [Advances in Chemistry](#)(1949 ~ 1998)
  - [ACS Symposium Series](#)(1974 ~ 至今)
- 每年新增30-35本，总共近1600本电子图书
- 涵盖生物医药、环境技术、材料科学、农业与食品科学、高分子化学、化学教育等多个应用领域

## ACS Guide to Scholarly Communication

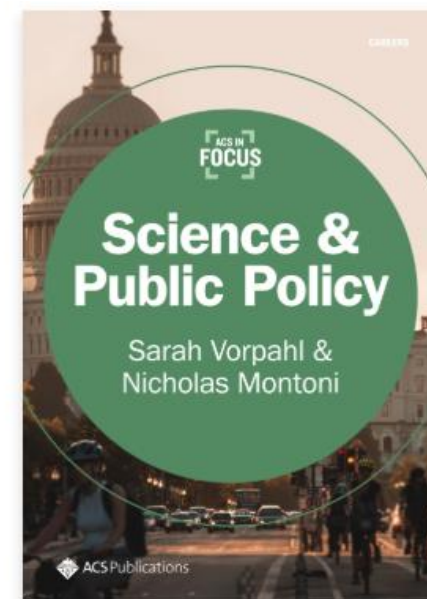
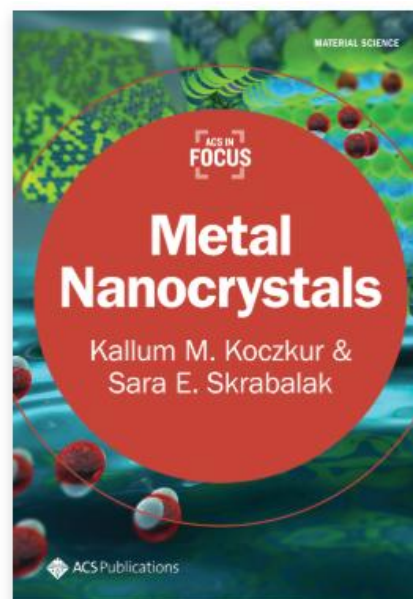
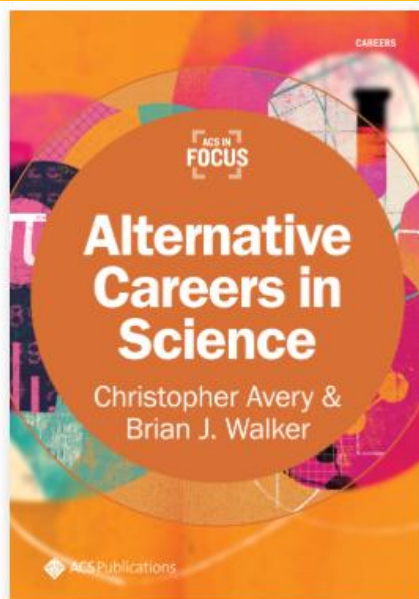
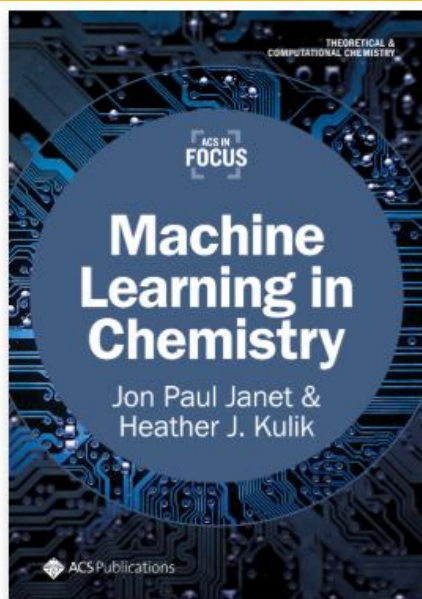
- 2020年新版上线
- 纳入三个专门针对数字时代论文发表的新章节
- ACS学术写作和交流的权威参考

## ACS In Focus *NEW*

- 指导性书籍，填补学生从课堂到文献之间的资源空缺；
- 对于有一定经验研究人员，又能满足对新增知识和能力的学习需求；
- **2020 Collection**（10本），涉及理论和计算化学、无机材料、有机金属化学、抗生素、食品等话题。

## ACS Publications资源类型

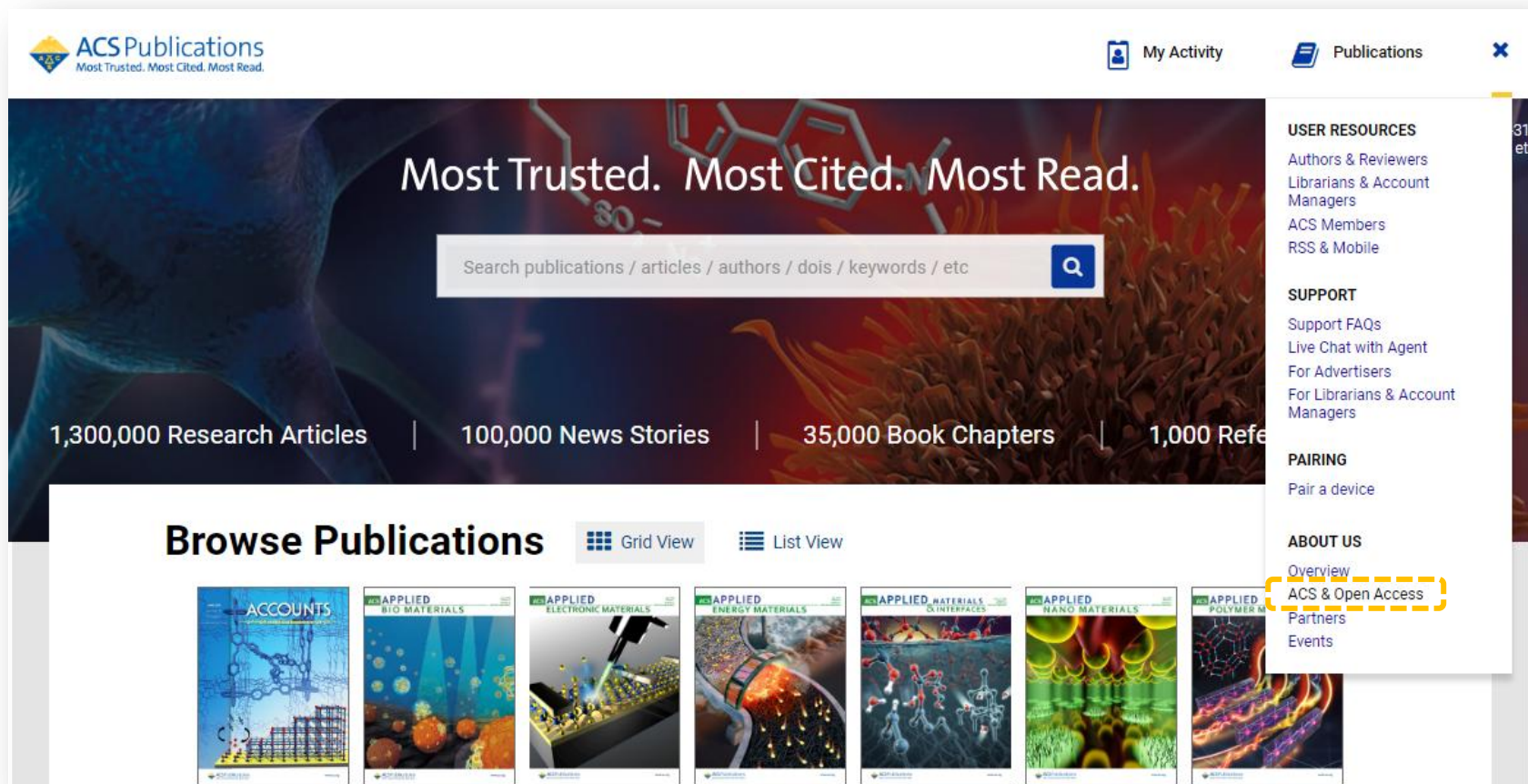
### ■ Books and Reference=图书





# 开放获取 (OA) 政策

## ■ 新版数据库中OA栏目的统一入口



The screenshot shows the ACS Publications website homepage. At the top left is the ACS Publications logo with the tagline "Most Trusted. Most Cited. Most Read.". On the top right, there are navigation links for "My Activity" and "Publications". The main banner features the same tagline and a search bar with the placeholder text "Search publications / articles / authors / dois / keywords / etc". Below the banner, statistics are listed: "1,300,000 Research Articles", "100,000 News Stories", "35,000 Book Chapters", and "1,000 Refe". The "Browse Publications" section is active, showing a grid of journal covers including "ACCOUNTS", "APPLIED BIO MATERIALS", "APPLIED ELECTRONIC MATERIALS", "APPLIED ENERGY MATERIALS", "APPLIED MATERIALS INTERFACES", "APPLIED NANO MATERIALS", and "APPLIED POLYMER M". A right-hand sidebar menu is open, listing categories: "USER RESOURCES" (Authors & Reviewers, Librarians & Account Managers, ACS Members, RSS & Mobile), "SUPPORT" (Support FAQs, Live Chat with Agent For Advertisers, For Librarians & Account Managers), "PAIRING" (Pair a device), and "ABOUT US" (Overview, ACS & Open Access, Partners, Events). The "ACS & Open Access" link is highlighted with a dashed orange box.

## ■ OA栏目

- **ACS AuthorChoice**让作者及其资助基金（如美国的NIST以及能源部发布的研究基金）以**合理的费用**换取研究成果的开放；
- AuthorChoice的费用都只经过**通讯作者**；
- 文章被编辑部接受后再付费。



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**NIST**  
National Institute of  
Standards and Technology  
U.S. Department of Commerce

- **ACS Editors' Choice** 栏目是由各刊编辑每天挑选一篇高品质的热点研究文章，开放其访问权；
- 作者只需在投稿中允许被该栏目收录，**不产生任何费用**；
- 目前已有**超过1000篇**文章通过该栏目被开放；
- 该栏目可按期刊名称筛选查看文章；新版数据库增加**高访问量文章**和**高被引量文章**两个筛选项！

## OA栏目



**ACS EDITORS' CHOICE**

A new research article every day.

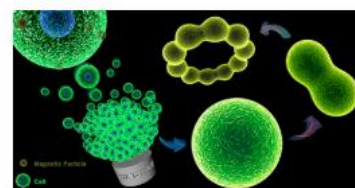
Sort By: **Editors' Ch...** Publication: ACS Bioma...

Remote Control of 3D Multicellular Assemblies Using Magnetic Forces

Javad Jafarizadeh, J. Michael Palmer, Phong A. Tran and Andrea J. O'Connor\*

ACS Biomaterials Science & Engineering 5, 2642 (Article)  
Publication Date (Web): March 26, 2019  
ACS Editors' Choice Date: May 1, 2019

[Full Access](#) [Abstract](#) [Full Text](#) [PDF](#)



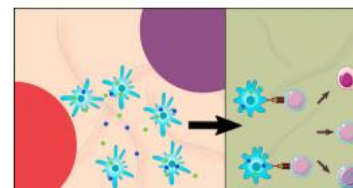
**ACS Biomaterials**  
SCIENCE & ENGINEERING

### Dual-Sized Microparticle System for Generating Suppressive Dendritic Cells Prevents and Reverses Type 1 Diabetes in the Nonobese Diabetic Mouse Model

Jamal S. Lewis, Joshua M. Stewart, Gregory P. Marshall, Matthew R. Carstens, Ying Zhang, Natalia V. Dolgova, Changqing Xia, Todd M. Brusko, Clive H. Wasserfall, Michael J. Clare-Salzler, Mark A. Atkinson and Benjamin G. Keselowsky\*

ACS Biomater. Sci. Eng. 5, 2631-2646 (Article)  
Publication Date (Web): March 26, 2019  
ACS Editors' Choice Date: April 20, 2019

[Full Access](#) [Abstract](#) [Full Text](#) [PDF](#)



**ACS Biomaterials**  
SCIENCE & ENGINEERING

ABSTRACT

## ■ OA栏目

- **ACS Central Science** ( ACS中心科学 ) 文章被接受发表后无需作者付费 ;
- 接受门槛较高 , 对研究的创新度和前沿性有非常高的要求 ;
- 每年仅发表100-200篇研究论文 ;
- 2018年的影响因子12.837

IF  
12.837



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science

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ACS  
OMEGA

ACS Omega is the open access journal for rapid publication of quality articles in chemistry and interfacing areas of science.

IF  
2.584

- **ACS Omega** ( ACS欧米伽 ) 让作者以低于多数主流期刊的费用换取文章的开放 ;
- 注重研究工作的严谨和客观 ;
- 2019年首获影响因子2.584

## ■ OA栏目

### • JACS Au ( JACS黄金 )



- **2021年1月正式出版首卷首期**，作者可于2020年下半年起提交稿件。
- 在涉及化学领域各分支学科的同时，更看重研究的**即时影响力**。
- 遵循JACS的传统，发表**对全球化学群体都具有广泛影响和相关性**的研究。
- JACS Au将拥有一支独立于其他期刊的编辑团队。
- 遵循 **ACS AuthorChoice政策**，具体见下一页。

## ■ 在ACS期刊发表开放获取(OA)文章的费用

1、 ACS AuthorChoice: 通讯作者是ACS会员、且发表在ACS Omega以外的期刊：

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	Immediate Availability	Availability after 12 Months
ACS AuthorChoice (Member Rate)	\$3,500	\$1,500
ACS AuthorChoice Discounted Price for ACS Members at "All ACS Publications" Subscribing Institutions	\$3,250	\$1,250

2、 ACS AuthorChoice: 通讯作者不是ACS会员、且发表在ACS Omega以外的期刊：

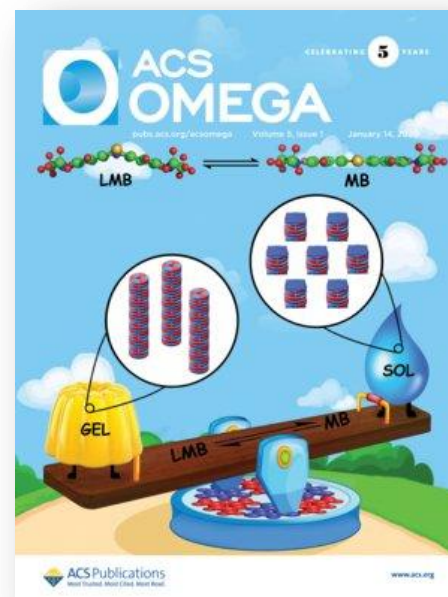
NON-MEMBER PRICES		
	Immediate Availability	Availability after 12 Months
ACS AuthorChoice	\$4,000	\$2,000
ACS AuthorChoice Discounted Price for Authors at "All ACS Publications" Subscribing Institutions	\$3,750	\$1,750

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3、如需将OA文章设置为CC-BY Creative Commons License (署名知识共享协议：其他人可自由复制、散布、展示及演出本作品，但必须按照作者或授权人所指定的方式保留其姓名标示)，则在上述相应费用上统一加收\$1000。



4、中国作者在**ACS Omega**上发表文章则统一收取\$750。该刊收录的文章体裁有：Research Article (研究论文)、Mini-review (短综述)、Perspective (展望)





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