

ACS Publications
Most Trusted. Most Cited. Most Read.

Essential Services for Chemistry and Beyond


from American Chemical Society (ACS)
CALIS第二十届引进数据库培训周

Kenneth Tang 邓永刚.
大中华区市场及商务开发经理

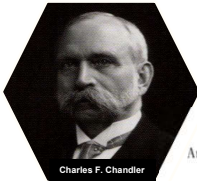
11 May 2022

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ACS Born in the 19th Century



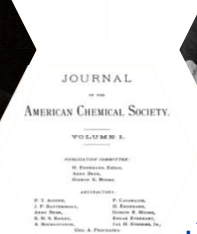
Chemistry for Life®



Charles F. Chandler


Founded in 1876

Flagship journal launched in 1879

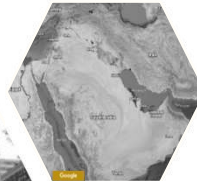


ACS national charter signed by Roosevelt in 1937

Headquarters established in 1941



First international chapter established in 1993



J. Am. Chem. Soc.
1879, 1(1)
DOI:10.1021/ja02143a700

American Chemical Society

2

ACS Is the World's Largest Scientific Society

MORE THAN 150K MEMBERS
IN **140+ COUNTRIES**

- Founded 1876
- Not-for-profit, chartered by U.S. Congress
- ACS vision is to improve people's lives through the transforming power of chemistry

Our Vision:
Improving all people's lives through the transforming power of chemistry

Our Mission:
Advancing the broader chemistry enterprise and its practitioners for the benefit of Earth and all its people

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ACS Publications is a Global Leader with Rapid Growth in Asia

156 MILLION ARTICLE REQUESTS

51 MILLION CHINA **36 MILLION USA** **28 MILLION EUROPE**

#1 in Total Citations and Cites Per Article in Core Chemistry Categories

Company	Citations	Articles
ACS	2.8 million	39,000
Elsevier		
Wiley		
RSC		
Springer		
Others		

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ACS Publications is home to the world's **most trusted, most cited, and most read**: journals, ebooks, and educational materials in every area of chemistry and its many related fields.

- Most-cited journals in chemistry according to 2020 Clarivate Journal Citation Reports™
- 171 million journal articles accessed in 2020
- 148,000 authors published in 2020



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A Diverse Portfolio of Journals

In addition to every area of chemistry, ACS Publications journals also cover important discoveries in:

- Agriculture, food, and the environment
- Biotechnology and pharmaceuticals
 - Education and safety
 - Electronics
- Energy and transportation
 - Healthcare
- Materials science and engineering




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A Diverse Portfolio of Journals

Publishing disciplines

- Agriculture
- Analytical Chemistry
- Biochemistry, Molecular Biology
- Biotechnology, Applied
- Microbiology
- Chemical Engineering
- Chemical Information
- Chemistry (General)
- Clinical Chemistry
- Computational Chemistry
- Crystallography
- Energy and Fuels
- Environmental Science
- Food Science and Technology
- Inorganic Chemistry
- Materials Science
- Medicinal Chemistry
- Nanoscience
- Organic Chemistry
- Pharmacology and Pharmacy
- Physical Chemistry
- Polymer Science
- Theoretical Chemistry
- Toxicology



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ACS Publications journals have high Journal Impact Factors™

2021 highlights include:

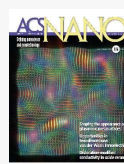
- The *Journal of the American Chemical Society (JACS)*, ACS' flagship journal, remains the most-cited journal in chemistry with 609,263 total citations and a Journal Impact Factor™ of 15.419.
- *Chemical Reviews* remains the highest-impact journal in the Chemistry, Multidisciplinary category, with a Journal Impact Factor™ of 60.622.
- *ACS Nano* received a Journal Impact Factor™ of 15.881.
- *Accounts of Chemical Research* achieved a Journal Impact Factor™ of 22.384.



2020 Impact Factor
15.419



2020 Impact Factor
60.662



2020 Impact Factor
15.881



2020 Impact Factor
22.384

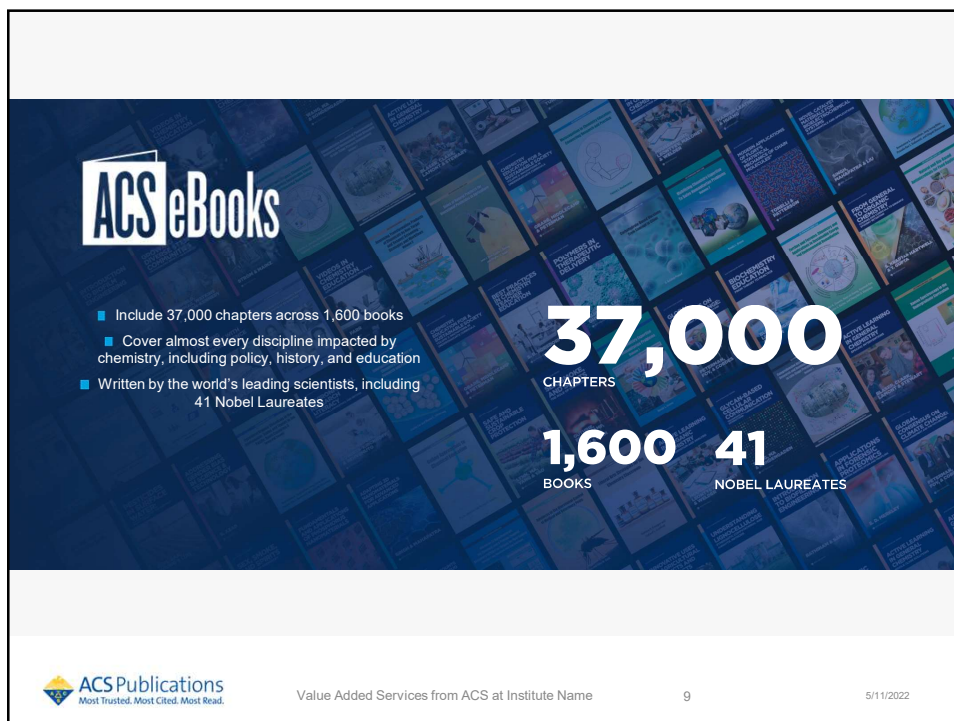


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ACS eBooks

- Include 37,000 chapters across 1,600 books
- Cover almost every discipline impacted by chemistry, including policy, history, and education
- Written by the world's leading scientists, including 41 Nobel Laureates

37,000
CHAPTERS

1,600 **41**
BOOKS NOBEL LAUREATES

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Popular Recent ACS eBook Titles Include



BROADBAND DIELECTRIC SPECTROSCOPY
A MODERN ANALYTICAL TECHNIQUE
WOODWARD

NMR SPECTROSCOPY IN THE UNDERGRADUATE CURRICULUM, VOLUME 4
IN-PERSON AND DISTANCE LEARNING APPROACHES
SOULSBY, ANNA & WALLNER

LIGNIN UTILIZATION STRATEGIES
FROM PROBLEMS TO SOLUTIONS
YOO & RAGAUSKAS

FREE ENERGY METHODS IN DRUG DISCOVERY
CURRENT STATUS AND FUTURE DIRECTIONS
ARMACOSTI & THOMPSON

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BIODEGRADABLE POLYOLS AND ISOCYANATES
GUPTA & KAHOL

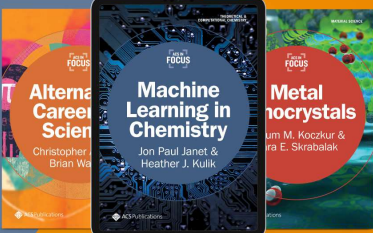
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ACS IN FOCUS

- Get readers up to speed in important topic areas
- Are designed to be read in 4-6 hours
- Incorporate multimedia features, such as graphics and video
 - Use non-specialist language
- Cover both technical and non-technical subjects



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ACS GUIDE TO SCHOLARLY COMMUNICATION

- 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
- Recently updated to include new guide to inclusive communication



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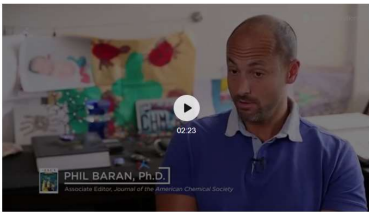
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Publisher Customized:					
ACS Author Choice	✓	✓	✗	✓	✓

关于如何利用TOC图片准备一篇文章，看看ACS 编辑怎么说。



视频1: How do you start writing a paper?
Create the figures. Key points: (1) Sketch out data if you do not have it available. (2) Storyboard your research to identify gaps. (3) A paper should be understandable just by looking at the figures. Source: ACS Author University.



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ACS的专家针对如何录制视频和制作WEO文件提供了若干指导性建议。欢迎读者参阅“ACS Guide to Scholarly Communication”第四章4.1.6小节“Multimedia”获取更多详情。

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ACS REAGENT CHEMICALS

- Data about the general physical properties for all reagent chemicals
- Analytical uses for all reagent chemicals
- Guidelines for standard analytical methods
- Updates twice a year to reflect the latest information



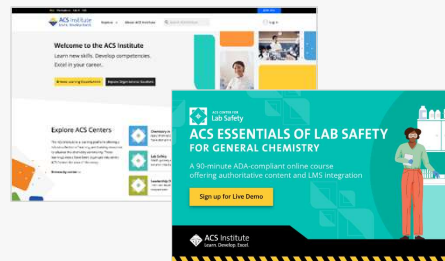
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ACS Institute

A learning platform created to address significant gap in the training landscape for chemistry-specific knowledge, covering a wide variety of subject areas.

ACS Essentials of Lab Safety for General Chemistry

This ACS Institute Course provides an authoritative, easily-adoptable safety training resource for general chemistry courses at both two-year and four-year institutions.



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ACS on Campus

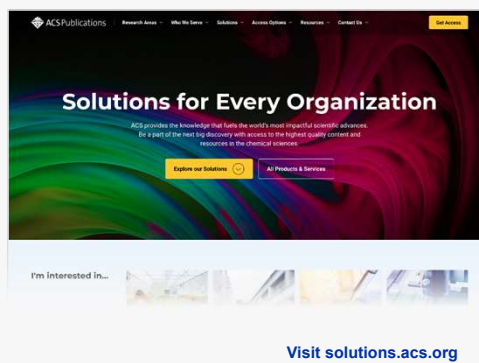
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- Online resources for multiple career levels



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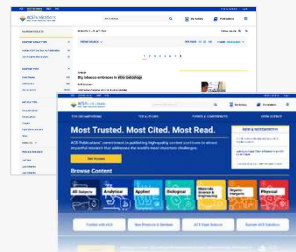
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Improved Publications Web Platform

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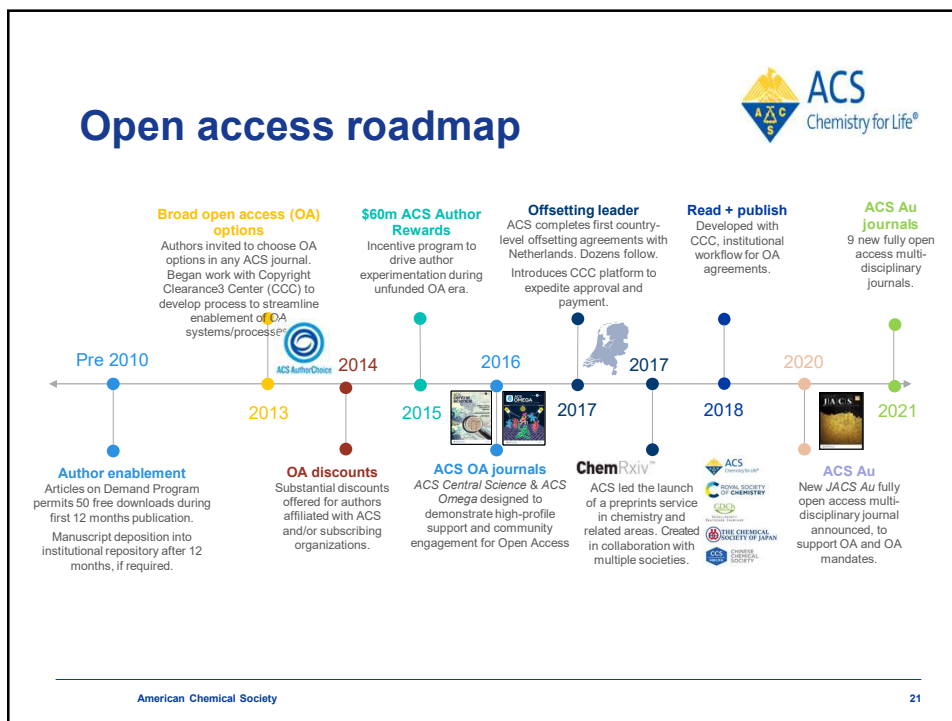
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How ACS Supports Open Science

- 12 fully open access journals covering every area of chemistry
- Authors can publish open access in all 75+ ACS journals
- ACS Journal Finder tool helps researchers ensure funder OA requirement compliance
- Other ACS initiatives that support open science include ACS Research Data Center, ChemRxiv, SciMeetings, and Text and Data Mining



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ACS Read + Publish Agreements

- Help to speed the transition to open science
- Simple, streamlined process for authors to publish open access and meet funder mandates
- Institutions maintain access to ACS journal content
- Nearly 400 agreements signed in 24 countries, with more coming



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ACS Email Newsletters



ACS Asia Insights: Monthly highlight of ACS top news & events, Open Access articles, and videos catered to Asian audiences



ACS Industry Insiders: Monthly newsletter providing free access to journal articles and book chapters relevant to the readers in five different industries



ACS Axial: Monthly news and journal highlights from across the ACS Publications portfolio

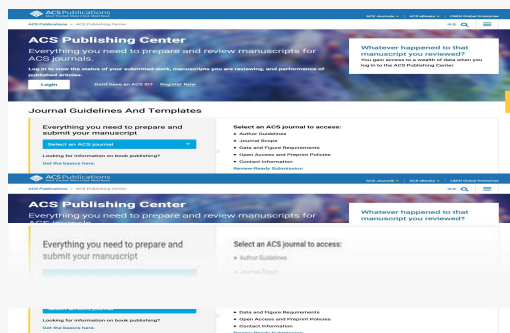
Register at <https://preferences.acs.org/>

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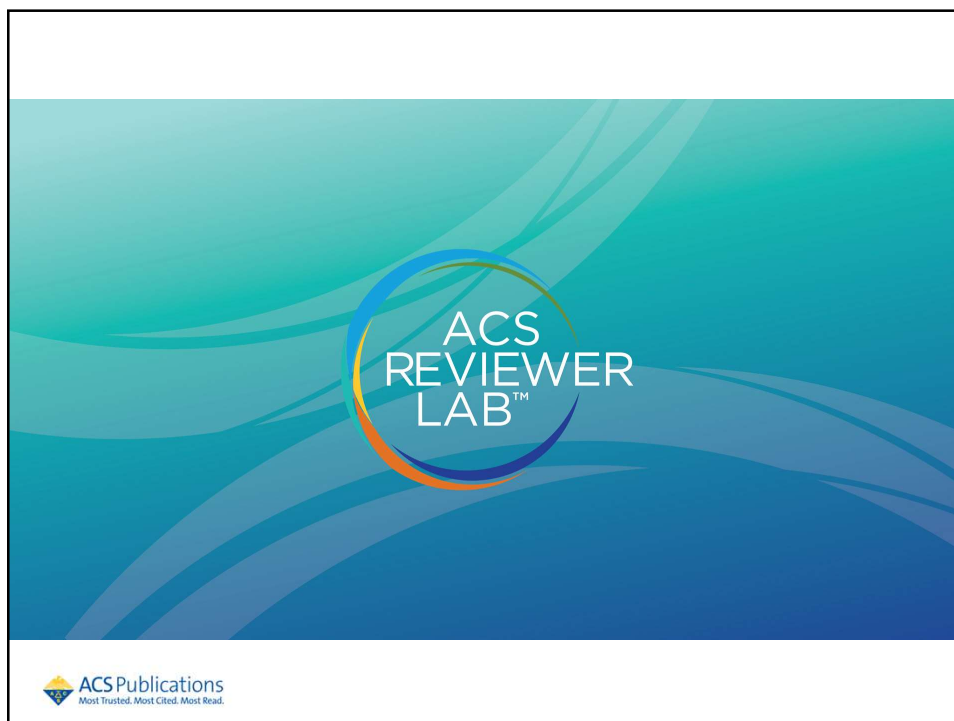
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ACS Reviewer Lab Is a Free Peer-Review Training Course
(同行评议免费在线培训)

- 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




The advertisement features a photograph of a man in a white lab coat and glasses looking at a laptop. The laptop screen displays the ACS Reviewer Lab website interface. A small date "5/11/2022" is visible in the bottom right corner of the photo area.




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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




审稿人实践培训

ACS 审稿人实践培训是一个线上交互式培训，旨在帮助审稿人了解同行评议的过程，并掌握如何撰写高质量的同行评议报告。培训内容包括同行评议的重要性、如何评估稿件的技术质量、如何撰写同行评议报告等。

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1. 同行评议介绍

什么是同行评议？了解同行评议的基本知识及其在学术出版中的重要作用。

2. 同行评议的道德准则

学习如何正确处理同行评议过程中可能出现的道德争议，避免利益冲突和个人偏见。

3. 审稿准备

每位期刊委员特色，科技文献快速阅读，评估稿件前做好准备工作，有助于更深入地审稿。

4. 评估研究重要性和技术质量

审稿人的关键职责是评估稿件的科学性和可能产生的影响。了解如何有效衡量影响和评价技术质量。


5. 评估稿件内容是否满足发表要求

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