

Types of Publications

Articles

Communications

Reviews ; Review Articles

Mini-Reviews

Highlights

Essays

Perspectives

Book, Chapters by same Author(s)

Edited Book, Chapters by different Authors(s)



ACS Publications

High quality. High impact.

Publications A-Z

[Home](#) | [Authors & Reviewers](#) | [Librarians](#) | [ACS Members](#) | [Help](#)

Search

Citation

DOI

[Advanced Search](#)

Anywhere

Search

☒ J. Am. Chem. Soc. ☐ All Publications/Website

J | A | C | S

JOURNAL OF THE AMERICAN CHEMICAL SOCIETY

 Personalize your experience: [Log In](#) | [Register](#) | [Cart](#) [Website Demos](#)
[Browse the Journal](#) | [Articles ASAP](#) | [Current Issue](#) | [Submission & Review](#) | [Subscriptions](#) | [About](#)

About the Journal

Editor: [Peter J. Stang](#)E-mail: JACS@jacs.acs.org

Print Edition ISSN: 0002-7863

Web Edition ISSN: 1520-5126

2008 Impact Factor: 8.091

2008 Total Citations: 318,252

Indexed/Abstracted in: CAS, SCOPUS, EBSCOhost, Thomson-Gale, Proquest, British Library, PubMed, Ovid, Web of Science, and SwetsWise.

Info for Authors & Reviewers

[Submit a Manuscript or Review](#)
[Ethical Guidelines](#)
[Copyright & Permissions/Rightslink](#)
[ACS Author & Reviewer Resource Center](#)

Journal Scope

The *Journal of the American Chemical Society*, founded in 1879, is the flagship journal of the American Chemical Society and the preeminent journal in the field. This periodical is devoted to the publication of fundamental research papers in all areas of chemistry and publishes approximately 16,000 pages of Articles, Communications, Book Reviews, and Computer Software Reviews a year. Published weekly, JACS provides research essential to the field of chemistry.

The most cited journal in chemistry, the *Journal of the American Chemical Society (JACS)* received 318,252 total citations and an increase in ISI Impact Factor of 8.091, while publishing more articles (3242) than any other journal in the category as reported in the 2008 Journal Citation Reports® by Thomson Reuters.

Advertisements

Miniature Spectrometers
 UV-VIS-NIR
 190-2300nm
Reflectometry

 www.StellarNet.us

[Info for Advertisers](#)

Browse By Issue

Select Decade

Select Volume

Select Issue

[List of Issues](#)

GO

Stay Current

Sign up to get notices about the latest articles via e-mail and RSS feed

Manuscript Submission and Peer Review in ACS Paragon Plus

Information for Authors

Manuscripts and supporting information must be submitted through the ACS Paragon Plus Environment. Journal-specific guidelines and document templates are available, as well as information on file preparation, acceptable software, and graphics. Please consult all of the instructions in this section before beginning your submission.

[Information for Authors](#)

Copyright & Permissions/Rightslink

Forms and instructions for the ACS Copyright Status Form for manuscript submission, Permissions for ACS

Information for Reviewers

Reviews must be submitted through the ACS Paragon Plus Environment. All reviewer expertise information/surveys are now collected online as well. Reviewers must be registered in ACS Paragon Plus in order to submit reviews.

[Information for Reviewers](#)

Publishing Policies

ACS Editors have provided Ethical Guidelines for persons engaged in the publication of chemical research, specifically, for Editors, Authors, and Reviewers. Each journal also has a specific policy on prior publication.

Submit Your Manuscript or Review

Ready to submit your manuscript or review?

[GO TO THE ACS PARAGON PLUS ENVIRONMENT](#)

[Need help?](#)

General Submission Instructions

For instructions on manuscript preparation, submission, and review in ACS Paragon Plus, select the appropriate topic.

Select a topic

GO

Services & Policies

- » Copyright Forms & Instructions
- » Permissions/Rightslink
- » Ethical Guidelines
- » Funded Research Options
- » ACS AuthorChoice
- » ACS Articles on Request
- » ACS Journals Policies on Prior Publication
- » View All

Submission and Authoring in ACS Paragon Plus

[Back to Submission & Review](#)

Information for Authors

Manuscripts may no longer be submitted as mailed hardcopies.

Authors should read the [ACS Ethical Guidelines](#).

Before preparing a manuscript, authors should review [Important Manuscript Submission Requirements](#) and read the JACS [Guidelines for Authors](#) [PDF].

The *Journal of the American Chemical Society* offers authors Web submission of Communications and Articles using the secure ACS Paragon Plus Environment. Use of the JACS [Communication template](#) is required for all Communication submissions and for preparing final revisions of accepted Communications. A [sample Communication](#) [PDF] is available for reference in preparing Communications. A [Table of Contents graphic](#) [PDF] and an Abstract are required to be present within the Communication at submission.

A template is also available for Articles. Authors are

Preparing for Online Submission

- » [Guidelines for Authors](#) [PDF]
- » [Important Submission Requirements](#)
- » [Document Templates](#)
- » [Guidelines for Table of Contents Graphic](#) [PDF]
- » [Characterization of Organometallic and Inorganic Compounds](#)
- » [Characterization of Organic Compounds](#)
- » [CIF Submission](#)
- » [Specifications for Graphics, Acceptable Software, & TeX/LaTeX](#)
- » [Copyright & Permissions/Rightslink](#)
- » [Policy on Material Previously Posted on the Web](#)
- » [ACS AuthorChoice, Funded Research Options, Other Services & Policies](#)
- » [Submit a Manuscript](#)

Submit Your Manuscript or Review

Ready to submit your manuscript or review?

[GO TO THE ACS PARAGON PLUS ENVIRONMENT](#)
[Need help?](#)

General Submission Instructions

For instructions on manuscript preparation, submission, and review in ACS Paragon Plus, select the appropriate topic.

 [GO](#)

Services & Policies

- » [Copyright Forms & Instructions](#)
- » [Permissions/Rightslink](#)
- » [Ethical Guidelines](#)
- » [Funded Research Options](#)
- » [ACS AuthorChoice](#)
- » [ACS Articles on Request](#)
- » [ACS Journals Policies on Prior Publication](#)
- » [View All](#)

JACS Communication

Communications are restricted to reports of unusual **urgency, timeliness, significance, and broad interest**. A brief statement explaining how the manuscript meets the criteria of urgency and significance should be included in the author's cover letter. It is desirable that the principal conclusions be stated in the opening sentences of the manuscript. Additionally, a separate abstract must be included in the manuscript for use in reviewing and for publication in the Web edition of JACS.

The submission of multiple Communications on the same or closely related topics within a short period of time is not an acceptable means of publishing a body of work that is too large for a single Communication. Such work should be described in the format of an Article.

The major concepts must not have appeared previously as a report or publication (e.g., published lecture or news release, electronic journal paper or preprint, symposium proceedings, or an extended abstract such as Polymer Preprints). If a previous Communication by the same author(s) has already appeared and the present manuscript describes a technical improvement or increase in the scope of the work, it will not be accepted in the absence of a novel conceptual advance.

JACS Articles

Articles most appropriate for publication in JACS are those that deal with some phase of “pure” chemistry as distinguished from “applied” chemistry. Because of restrictions on the number of published pages in the Journal, not all manuscripts that describe well-executed work can be accepted. Articles of high **scientific quality, originality, significance, and conceptual novelty** that are of interest to the wide and diverse contemporary readership of JACS will be given priority for publication. Articles on methodology should include one or more applications of widespread interest and, unless significant new advances are announced, will be declined with the recommendation for submission to specialized journals. Papers that draw conclusions from the treatment of existing data must also include significant new data and make new experimental or theoretical predictions of broad interest. Articles which mainly expand findings that were previously published as Communications in JACS or elsewhere and which only incorporate experimental data, without greatly expanded scope and without providing new insights or conceptual breakthroughs, will be declined. Articles that are mainly routine extensions of previously published related work will also be declined with the recommendation for submission to more specialized journals.

Submission and Authoring in ACS Paragon Plus

[Back to Information for Authors](#)

Document Templates

ACS templates currently available for the *Journal of the American Chemical Society* are highlighted below.

Authors are required to use a template for preparation of **Communications**. The new template, which reflects the new format for Communications, is now required for all Communication submissions. A [sample Communication](#) [PDF] illustrating the new format is available for reference in preparing Communications using the new template. Note that an Abstract and a [graphic for use in the Table of Contents](#) [PDF] are now required for all Communications.

A template is also now available for **Articles**. Authors are encouraged to use the Article template for preparation of Articles, but it is not required. A [graphic for use in the Table of Contents](#) [PDF] is now required for all Article submissions; authors should place it at the end of their word-processing file. All accepted manuscripts are typeset from electronic files. The template facilitates the peer review process by allowing authors to place artwork and tables close to the point where they are discussed within the text. Authors of Articles who choose not to employ a template are asked to place their graphics (with captions or titles) within the text as this will produce documents that are easier to review.

Please use U.S. Letter (8 1/2" by 11") paper size setting in the word-processing program as the original document page size for preparation of all manuscripts. Do not use A4 or other size paper settings.

Submit Your Manuscript or Review

Ready to submit your manuscript or review?

[GO TO THE ACS PARAGON PLUS ENVIRONMENT](#)
[Need help?](#)

General Submission Instructions

For instructions on manuscript preparation, submission, and review in ACS Paragon Plus, select the appropriate topic.

✓ Select a topic

- Overview of Submission & Review
- Acceptable Software
- Preparing and Submitting Using TeX/LaTeX
- Working with Graphics in Templates
- Specifications for Web Enhanced Objects
- Cover Art Guidelines [PDF]
- Choosing File Designations
- File Upload Options
- About ACS Paragon Plus
- Logging in to ACS Paragon Plus

[Publication](#)
[» View All](#)

Angewandte Communication 1/2

Communications are short notes on experimental and/or theoretical studies in all branches of chemistry. The results must be of general interest or at least contribute to the development of an important area of research. The essential findings presented in a Communication or significant parts of them may not already have appeared in print or in electronic online systems (for example, in online resources, in reviews, proceedings, or preprints). Contributions that are too specialized for the general readership of *Angewandte Chemie* will be returned to the authors without further external review (ca. 25%). All other Communications are sent to two independent referees. Authors are welcome to suggest referees.

Communications that are "very important" in the opinion of at least two referees are denoted as being a VIP (very important paper) upon publication. If a third referee's report is however received that does not judge the work to be "very important" or "highly important", the communication does not receive this VIP status. Please be considerate to our many readers for whom English is a foreign language—use a simple, clear style and avoid jargon.

Angewandte Communication 2/2

Length: The maximal length of a Communication, inclusive of all literature citations, footnotes, and tables, is **10000 characters**; formulas and figures may be added. Longer Communications will be accepted only if their quality warrants special consideration and a written justification of their length is provided. Details that are of importance to the referees and to specialists, but not to most of the readers, should be submitted as **Supporting Information, which will be made accessible on the Web**. Copies of cited publications not yet available publicly should be submitted along with the manuscript. Unpublished results and lectures should only be cited for exceptional reasons.

The identity and purity of all new compounds must be fully characterized by appropriate analytical methods (NMR spectroscopy, X-ray crystal structure analysis, elemental analysis, etc.). These data should be given in the **Supporting Information** in the event that they exceed the scope of the Experimental Section.

Angewandte Review Articles

Review articles should be **written by leading experts** and deal with topics of high current interest in any area of chemistry. Rather than an assembly of detailed information with a complete literature survey, a critically selected treatment of the material is desired; unsolved problems and possible developments should also be discussed.

Reviews should be divided into numbered sections, as in this "Notice to Authors". Cross-references in the text should also use these section numbers. The Review starts with a **lead-in** (1000 characters, no references). This text should not be a mere summary but rather should—together with a round picture 18.5 cm in diameter (frontispiece)—arouse the readers' interest. The first section of the Review itself, the Introduction, should primarily introduce the nonspecialist to the subject in as clear a way as possible. A Review should conclude with a section entitled Summary and Outlook, in which the achievements of and new challenges for the subject are presented succinctly. In addition, biographical sketches (maximum length 560 characters) and portrait-quality black-and-white photographs of the correspondence authors should be submitted.

Length: A review should not be of more than **65000 characters**, *including footnotes, literature citations, tables, and legends. If a longer article is planned, the agreement of the editor should be sought as early as possible.*

ISSUE NAVIGATION [Early View](#) | [Current Issue](#) | [2010](#) | [2009](#) | [2008](#) | [2007](#) | [2006](#) | [ALL ISSUES \(1998 - 2010\)](#)

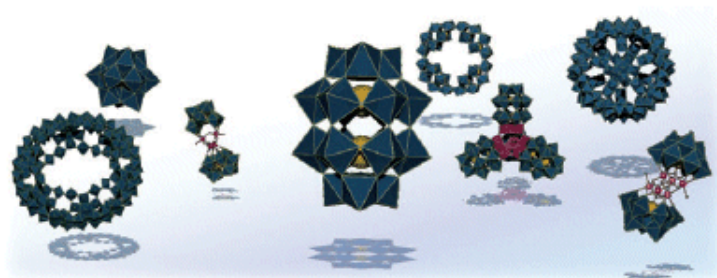
(P)Review

Reviews in *Angewandte Chemie*, written by leading experts, summarize the important results of recent research on topical subjects in all branches of chemistry, point to unresolved problems, and discuss possible developments. Although review articles are generally written upon invitation of the editor, unsolicited manuscripts are also welcome provided they are in keeping with the character of the journal.

Index of Reviews: [1962–1969](#) [1970–1979](#) [1980–1989](#) [1990–1999](#) [2000–2009](#) [2010–now](#) [Nobel lectures](#)

Polyoxometalates

Polyoxometalates: Building Blocks for Functional Nanoscale Systems



De-Liang Long, Ryo Tsunashima, Leroy Cronin*

The broad field between discrete metal oxo complexes and solid-state oxides is ruled by the polyoxometalates and the structures formed from them by aggregation. This Review shows which suitable building blocks are available and how they can be combined to give nano- to micrometer-scale architectures.

To appear in issue 10/2010.

Available through **EARLYVIEW™** Published online on February 3, 2010,
DOI: [10.1002/anie.200902483](https://doi.org/10.1002/anie.200902483)

- [Advanced Search](#)
- [CrossRef / Google Search](#)
- [Acronym Finder](#)

PROVIDED BY

[University of Missouri-Columbia](#)

SPECIAL FEATURES

- [Very Important Papers](#)
- [Hot Papers](#)
- [Tag Cloud](#)
- [In the media...](#)
- [Editorials: The Heat is On](#)
- [Author Profiles](#)
- [Most Frequent Authors](#)
- [Discussion: More Realism in the Matter of Predicting Molecules?](#)
- [Essays](#)
- [Keyword Catalogue](#)
- [Cover Gallery](#)
- [Frontispiece Gallery](#)
- [Book Reviews](#)

ONLINE SUBMISSION

Manuscript Submission
manuscriptXpress



ACS Publications
High quality. High impact.

[Publications A-Z](#)[Home](#)[Authors & Reviewers](#)[Librarians](#)[ACS Members](#)[Help](#)

Search

Citation

DOI

[Advanced Search](#)

Anywhere

Search

☒ Acc. Chem. Res.☐ All Publications/Website
 Personalize your experience: [Log In](#) | [Register](#) | [Cart](#) [Website Demos](#)
[Browse the Journal](#)[Articles ASAP](#)[Current Issue](#)[Submission & Review](#)[Subscriptions](#)[About](#)

About the Journal



Editor-in-Chief: [Joan S. Valentine](#)
University of California, Los Angeles
E-mail: acr@chem.ucla.edu
Print Edition ISSN: 0001-4842
Web Edition ISSN: 1520-4898

2008 Impact Factor: 12.176
2008 Total Citations: 26,252

Indexed/Abstracted in: CAS, British Library, CABI, EBSCOhost, Proquest, PubMed, SCOPUS, SwetsWise, Web of Science.

Journal Scope

Having completed its 40th volume of published research in 2007, *Accounts of Chemical Research* presents short, concise and critical articles offering easy-to-read overviews of basic research and applications in all areas of chemistry and biochemistry. In addition, since 1998 *Accounts of Chemical Research* has also published Special Issues devoted to a single issue of unusual activity and significance. Visit the [Accounts Special Issues](#) page for listings, descriptions, and TOC's of all special issues.

Beginning in 2008, *Accounts of Chemical Research* has replaced their traditional article abstract with an article "Conspectus." These new entries synopsize the research affording the reader a closer look at the content and significance of an article. Through this provision of a more detailed description of the article contents, the *Conspectus* enhances the article's discoverability by search engines and the exposure for the research.

Journal Standing

Out of 125 journals indexed in Multidisciplinary Chemistry, *Accounts of Chemical Research* achieved a high ISI® Impact Factor of 12.176, and 26,252 total citations as reported by the 2008 Journal Citation Reports® by Thomson Reuters.

Advertisements

[Info for Advertisers](#)

Browse By Issue

Select Decade

Select Volume

Select Issue

[List of Issues](#)[GO](#)

Stay Current

Sign up to get notices about the latest articles via e-mail and RSS feed.

[Learn more](#)

Advertisements



ACS Publications
High quality. High impact.

Publications A-Z

Home

Authors & Reviewers

Librarians

ACS Members

Help

Search

Citation

DOI

Advanced Search



Anywhere

Search

☒ Chem. Rev.

☐ All Publications/Website

CHEMICAL REVIEWS

Personalize your experience: [Log In](#) | [Register](#) | [Cart](#) [Website Demos](#)

[Browse the Journal](#) | [Articles ASAP](#) | [Current Issue](#) | [Submission & Review](#) | [Subscriptions](#) | [About](#)

About the Journal



Editor-in-Chief: [Josef Michl](#)

Department of Chemistry and Biochemistry, University of Colorado

Email: chemrev@chemrev.acs.org

Print Edition ISSN: 0009-2665

Web Edition ISSN: 1520-6890

2008 Impact Factor: 23.592

2008 Total Citations: 69,560

Indexed/Abstracted in: CAS, British Library, CABI, EBSCOhost, Proquest, PubMed, SCOPUS, SwetsWise, Web of Science.

Journal Scope

Chemical Reviews is one of the most highly regarded and highest-ranked journals covering the general topic of chemistry.

The mission of *Chemical Reviews* is to provide comprehensive, authoritative, critical, and readable reviews of important recent research in organic, inorganic, physical, analytical, theoretical, and biological chemistry.

In addition to the general reviews, the journal has published since 1985 periodic [thematic issues](#) focusing on a single theme or direction of emerging research.

Journal Standing

Chemical Reviews has the highest ISI® Impact Factor in Chemistry at 23.529 and is also highly cited journal in the category of Multidisciplinary Chemistry with 69,560 total citations, a 10.1% increase, as reported by the 2008 Journal Citation Reports® by Thomson Reuters.

Advertisements



Info for Advertisers

Browse By Issue

Select Decade

Select Volume

Select Issue

[List of Issues](#)

GO

Stay Current

Sign up to get notices about the latest articles via e-mail and RSS feed.

[Learn more](#)

Angewandte Mini-Review

A Minireview (up to **25000 characters**) should present current topics in a concise review style. Minireviews offer the flexibility to treat topics at a time, and in a suitable manner, when a Review would still be premature or inappropriate. The format is the same as that outlined for Reviews in Section 2.1; however, Minireviews do not have a frontispiece and the **lead-in** should be no longer than 800 characters.

Angewandte Essays

Essays (up to **15000 characters**) themes from every aspect of chemistry, including the philosophy or history of science, are addressed freely. Use of unpublished results from original research should be extremely limited. Primarily, known topics should be discussed illuminatingly and critically from a new vantage point, and they should be suitably illustrated. In addition, a biographical sketch (maximum length 560 characters) and a portrait-quality black-and-white photograph of the correspondence author should be submitted.

Angewandte Highlights

In Highlights **very important new results of original research should be described**, in general by a third person, with a view to instruct and to highlight their significance. The results should be presented clearly, but as succinctly as possible, without the comprehensive details required for an original article. Highlights should include only essential formulas and figures as well as not more than 15 references. A Highlight should not be longer than two pages (up to **8500 characters**). To ensure that your manuscript does not exceed this length, please use the template, which can be found in the section "For Authors" of the homepage.