

Last Updated December 11, 2018

[Scope of the Journal](#)

[Manuscript Types](#)

[ACS Publishing Center](#)

[Manuscript Preparation](#)

[Review Ready Submission](#)

[Acceptable Software, File Designations, and TeX/LaTeX](#)

[Cover Letter](#)

[Manuscript Text Components](#)

[Supporting Information](#)

[Data Requirements](#)

[Language and Editing Services](#)

[Preparing Graphics](#)

[Figure and Illustration Services](#)

[Preparing for Submission](#)

[Prior Publication Policy](#)

[Editorial Policies](#)

[Providing Potential Reviewer Names](#)

[Manuscript Transfer](#)

[Production and Publication](#)

[Proofs via ACS Direct Correct](#)

[Publication Date and Patent Dates](#)

[Post-Publication Policies](#)

[Sharing Your Published Article](#)

[Appendix 1: Preparing for Submission](#)

[Ethical Guidelines](#) | [Safety Considerations](#) | [Conflict of Interest Disclosures](#) | [Plagiarism](#) | [Author List and Coauthor Notification](#) | [ORCID](#) | [Copyright and Permissions](#) | [Funder Reporting Requirement](#) | [Open Access Compliance](#)

[Appendix 2: Preparing Graphics](#)

[Resolution](#) | [Size](#) | [Color](#) | [Types of Graphics](#) | [TOC/Abstract Graphic](#) | [Figures](#) | [Charts](#) | [Tables](#) | [Schemes](#) | [Chemical Structures](#) | [WEO](#)

## SCOPE OF THE JOURNAL

[ACS Omega](#) is a global open-access journal for the publication of scientific articles that describe new findings in chemistry and interfacing areas of science, without any perceived evaluation of immediate impact. Articles in *ACS Omega* should advance the frontiers of science through original ideas, even if the full significance is not known. *ACS Omega* disseminates this knowledge globally and quickly by immediately making all accepted articles open access in perpetuity. Papers published in *ACS Omega* are therefore available to a much wider readership that includes industry, policy institutions, the media and the public, in addition to the traditional academic sector. The journal publishes Perspectives (by invitation only): concise, peer-reviewed reports highlighting an emerging topic of broad interest.

## MANUSCRIPT TYPES

*ACS Omega* publishes original Research Articles and Perspectives. Submissions are based on original work not previously published.

**Research Articles.** Reports of original research with chemical connections. Emerging multidisciplinary fields are especially encouraged; however, research submitted to the journal should be hypothesis driven or lead to a hypothesis. No minimum length requirement is imposed for original submissions, noting that for *ACS Omega* content traditionally considered as letters or rapid communications as well as full articles all fall into the category of Research Articles. The Editors request that authors explain their findings concisely and accurately. Authors are encouraged to use Supporting Information as appropriate. *ACS Omega* will publish Research Articles describing negative results. These are intended to contain three main components: a valid hypothesis that is expected to answer a relevant scientific question, scientifically rigorous research, and results that do not uphold the initial hypothesis. The results are then negative but can be of importance to researchers in the field or can give rise to a new hypothesis.

**Perspectives** (by invitation only) are concise, peer-reviewed reports highlighting an emerging topic of broad interest. These reports are not intended to be a comprehensive look at the field but rather to place a particular research finding into broader context. The emphasis should be on the future outlook of an emerging topic rather than a historical overview of it. Perspectives should include an abstract, an appropriate number of references, and a TOC/Abstract graphic. Authors of Perspectives are encouraged to also submit a video (3-5 min clip) highlighting the theme of their Perspective. Perspectives are invited by the Editors, but authors interested in submitting a Perspective should contact the journal prior to manuscript preparation and submission to seek conditional approval of the proposed topic. One-page proposals should be sent to the Managing Editors ([managing.editor@omega.acs.org](mailto:managing.editor@omega.acs.org)) for consideration.

## ACS PUBLISHING CENTER

While this document will provide basic information on how to prepare and submit the manuscript as well as other critical information about publishing, we also encourage authors to visit the [ACS Publishing Center](#) for additional information on everything that is needed to prepare (and review) manuscripts for ACS journals, such as

- [Mastering the Art of Scientific Publication](#) which shares editor tips about a variety of topics including making your paper scientifically effective, preparing excellent graphics, and writing cover letters.
- Resources on [how to prepare and submit a manuscript](#) to ACS Paragon Plus, ACS Publications' manuscript submission and peer review environment.
- [Sharing your research](#) with the public through ACS Publications open access program

## MANUSCRIPT PREPARATION

### Review Ready Submission

All ACS journals have simplified their formatting requirements in favor of a streamlined and standardized review-ready format for an initial manuscript submission. Read more about the requirements and the benefits these serves authors and reviewers [here](#). Manuscripts submitted for initial consideration must adhere to these standards:

- Submissions must be complete with clearly identified standard sections used to report original research, free of annotations or highlights, and include all numbered and labeled components.
- Figures, charts, tables, schemes, and equations should be embedded in the text at the point of relevance. Separate graphics can be supplied later at revision, if necessary.
- A two-column manuscript template is available and can be used for manuscripts submitted to any ACS journal. Templates are not required but may be useful to approximate how an article will compose. For manuscripts with word count limits, authors are not required to fit content into a page limit based on the template.
- References can be provided in any style, but they must be complete, including titles.
- Supporting Information should be submitted as a separate file(s).
- Author names and affiliations on the manuscript must match what is entered into ACS.

### Acceptable Software, File Designations, and TeX/LaTeX

See the list of [Acceptable Software](#) and appropriate [File Designations](#) to be sure your file types are compatible with ACS Paragon Plus. Information for manuscripts generated from [TeX/LaTeX](#) is also available.

### Cover Letter

A cover letter must accompany every manuscript submission. During the submission process, you may type it or paste it into the submission system, or you may attach it as a file.

A cover letter should accompany each original submission. Recommended information includes the following:

- title
- name of the corresponding author
- a synopsis of the article
- a point-by-point response to reviewer comments (for resubmissions).

### Manuscript Text Components

Given the broad reach and the open availability of all content in *ACS Omega*, remember that chemists, scientists in related disciplines, and the broad public will read articles published. When writing, seek to communicate the science in a way that is accessible to all scientists.

**Title.** Titles should clearly and concisely reflect the emphasis and content of the paper and be accessible to a broad audience. Titles are one of the most important tools for current awareness and information retrieval—they provide readers a first opportunity to understand the purpose of the article. Authors should avoid uncommon abbreviations in titles. It is recommended that the length of titles not exceed 15 words.

**Author List.** Include all who have made substantial contributions to the work. To facilitate indexing and retrieval and for unique identification of an author, use first names, initials, and surnames (e.g.,

Katherine M. Jones) or first initials, second names, and surnames (e.g., K. Mary Jones). At least one author must be designated with an asterisk as the person to whom correspondence should be addressed.

***Institution Identification.*** Many Funders and Institutions require that institutional affiliations are identified for all authors listed in the work being submitted. ACS facilitates this requirement by collecting institution information during manuscript submission under Step 2: Authors and Affiliations in ACS Paragon Plus.

***Abstract.*** All Research Articles should contain an abstract. An abstract provides a succinct, informative summation of the most important results and conclusions.

***Introduction.*** Clearly state the purpose of the research and put it into the context of earlier work in the area, aiming for brevity.

***Results and Discussion.*** Authors can provide a unified “Results and Discussion” section or separate sections with “Results” and “Discussion”. Explain the motivation for the work. Present results concisely. The discussion should interpret the results and relate them to existing knowledge in the field and explain the advance made by these results. To conserve space, please submit supplemental information in a separate file for online Supporting Information (note, all content submitted is subject to review).

***Methods (Optional heading).*** Provide a clear, unambiguous description of materials, methods, and equipment in sufficient detail to permit repetition of the research either within the body of the Article or under a separate, optional “Methods” heading. Describe experimental procedures in detail, but published procedures may be referred to by literature citation of both the original and any published modifications. Extensive descriptions of methods may be included as Supporting Information. Articles reporting data from experiments on live animals must include a statement identifying the approving committee and certifying that such experiments were performed in accordance with all national or local guidelines and regulations. Results from experiments involving humans or tissue samples must additionally include a statement that informed consent was obtained from the subject or from the next of kin. Authors must emphasize any unexpected, new, and/or significant hazards or risks associated with the reported work. This information should be in the experimental details section of the full article or communication. The Editors prefer that the Methods section is placed after the Conclusions section, although this is not mandatory.

***Acknowledgment.*** Include financial support, technical assistance, advice from colleagues, gifts, etc. Be precise and thorough when acknowledging funders and include grant numbers where appropriate.

***References.*** Compile all references together in a list at the end of the manuscript text. Many references will link directly to the cited article or other Web sites. It is crucial that authors verify the accuracy of references cited. Authors must reference all previous publications in which portions of the present work has appeared. Literature references should be numbered with Arabic numerals in the order of their first citation in the text and the corresponding superscripted numbers inserted at the appropriate locations in the text. Articles accepted for publication should be cited as “in press”; the DOI should be given if the paper is published online only. *ACS Omega* will use the following reference style for published articles.

For journals:

1. Moreau, P.; Anizon, F.; Sancelme, M.; Prudhomme, M.; Bailly, C.; Severe, D.; Riou, J.-F.; Fabbro, D.; Meyer, T.; Aubertin, A.-M. Syntheses and biological activities of rebeccamycin analogues. Introduction of a halogenoacetyl substituent. *J. Med. Chem.* **1999**, *42*, 584–592.

For journal articles published online ahead of print or online only, the DOI should be used:

2. Liu, C.; Yang, S. Synthesis of angstrom-scale anatase titania atomic wires. *ACS Nano* **2009**, DOI: 10.1021/nn900157r.

For books:

3. Fierke, C. A.; Hammes, G. G. *Transient kinetic approaches to enzyme mechanisms. In Contemporary Enzyme Kinetics and Mechanism*, 2nd ed.; Purich, D., Ed.; Academic Press: New York, 1996; pp 1–35.

Titles of journals are abbreviated according to [Chemical Abstracts Service Source Index \(CASSI\)](#). Authors should consult [Chapter 14 of The ACS Style Guide](#) for the appropriate style to use in citations of patents, conferences, and other publications. Cite papers that are in preparation or have been submitted but not yet accepted in the text as unpublished experiments or personal communications.

**Nomenclature.** Use abbreviations and acronyms sparingly, and all usage should be defined at the first occurrence in the text. Use systematic and standard nomenclature appropriate for your field of study.

## Supporting Information

This information is provided to the reviewers during the peer-review process (for Review Only) and is available to readers of the published work (for Publication). Supporting Information must be submitted at the same time as the manuscript. See the list of [Acceptable Software by File Designation](#) and confirm that your Supporting Information is [viewable](#).

If the manuscript is accompanied by any supporting information files for publication, these files will be made available free of charge to readers. A brief description of each file is required, and the paragraph and descriptions should be placed at the end of the manuscript before the list of references. The appropriate format is as follows:

**Supporting Information.** Brief descriptions in nonsentence format listing the contents of the files supplied as Supporting Information.

When including supporting information for review only, include copies of references that are unpublished or in-press. These files are available only to editors and reviewers.

## Data Requirements

Advancing scientific discoveries can be enhanced when data and materials are made available and readily exchanged. *ACS Omega* requires that authors adhere to the standards for reporting and characterization of data. It is also recommended that authors deposit data in databases appropriate to their fields. In addition, ACS Publications now has a partnership with figshare to provide enhanced browser support for supplementary data. These files will be accessible from the article page on

<http://pubs.acs.org> and at <http://acs.figshare.com>. A list of file types supported by figshare for enhanced display can be found at [here](#).

## Language and Editing Services

A well-written paper helps share your results most clearly. ACS Publications' [English Editing Service](#) is designed to help scientists communicate their research effectively. Our subject-matter expert editors will edit your manuscript for grammar, spelling, and other language errors so your ideas are presented at their best.

## Preparing Graphics

The quality of illustrations in ACS journals depends on the quality of the original files provided by the authors. Figures are not modified or enhanced by journal production staff. All graphics must be prepared and submitted in digital format.

Graphics should be inserted into the main body whenever possible. Please see Appendix 2 for additional information.

Any graphic (figure chart, scheme, or equation) that has appeared in an earlier publication should include a [credit line](#) citing the original source. Authors are responsible for [obtaining written permission](#) to re-use this material.

## Figure and Illustration Services

The impact of your research is not limited to what you can express with words. Tables and figures such as graphs, photographs, illustrations, diagrams, and other visuals can play a significant role in effectively communicating your findings. Our [Figures service](#) generates publication-ready figures that conform to your chosen journal's specifications. This includes changes to file type, resolution, color space, font, scale, line weights, and layout (to improve readability and professional appearance).

## PREPARING FOR SUBMISSION

Manuscripts, graphics, supporting information, and required forms, as well as manuscript revisions, must all be submitted in digital format through [ACS Paragon Plus](#), which requires an ACS ID to log in. Registering for an ACS ID is fast, free, and does not require an ACS membership. Please refer to Appendix 1 for additional information on preparing your submission.

## Prior Publication Policy

ACS *Omega* authors are allowed to deposit an initial draft of their manuscript in a preprint service, such as [ChemRxiv](#) or arXiv, or the applicable repository for their discipline prior to submission. Please note any use of a preprint server in the cover letter and, as appropriate, state how the manuscript has been adjusted/updated between deposition and submission. All other prior/redundant publication is forbidden.

## Editorial Policies

### ANONYMITY OF PEER REVIEW

The journal disapproves of attempts by authors to determine the identity of reviewers. This journal's policy is to neither confirm nor deny speculation about the identities of reviewers.

### ***Submission.***

Manuscripts must be submitted via ACS Paragon Plus, where complete instructions and an overview of the submission process are available. The Web submission site employs state-of-the-art security mechanisms to ensure that all electronically submitted papers are secure. These same security mechanisms are also utilized throughout the peer-review process, permitting access only to Editors and reviewers who are assigned to a particular paper.

### **Checklist for Accepted Manuscripts.**

Manuscripts accepted for publication in *ACS Omega* have to adhere to the following formatting checklist:

1. Title in PDF matches the Manuscript Details entered into ACS Paragon Plus
2. Complete author list (names must be entered into ACS Paragon Plus in the same sequence as they appear on the first page of the manuscript)
3. Complete affiliations for all authors: full mailing addresses of institutional affiliations where research for the paper was conducted (Note: current addresses that differ from the research affiliations should be included as footnotes). E-mail address are required for all authors as well
4. Abstract present and labeled
5. TOC graphic present and labeled
6. All numbered components are present in the manuscript file and labeled (no gaps in numbering)
  - a. Schemes
  - b. Tables
  - c. Figures
  - d. Equations
  - e. References
7. Figures are legible, and figure labels and lettering are also legible
8. References are included at the end of the manuscript text and cited by a number (not Harvard style, that is, not as “Smith and Jones, 1999”)
9. Experimental Section is included in the manuscript file, preferably after the Conclusions section
10. Supporting Information is in a separate file(s) and properly tagged as being for publication or for review only. It should be publication ready, e.g., no highlights or track changes
11. All graphics are in the manuscript and/or included as a separate file
12. No parts of a manuscript that should be published as part of the main paper are in Supporting Information files
13. Any form of track changes should be accepted/removed before acceptance
14. JPA is present and properly signed
15. Funding sources are identified for the work presented in the manuscript

### **Open Access at ACS Omega.**

*ACS Omega* is a fully open access journal, with all content published under an open access license. Authors, institutions, or funding agencies provide open access for any article that has been peer reviewed by paying an article publishing charge once the article has been accepted for publication. ACS offers a wide range of options, including the ACS' license, ACS AuthorChoice (a noncommercial reuse license), and Creative Commons license options CC-BY and CC-BY-NC-ND. With open access, authors can request that ACS deposit the final published article to funder or government repositories, such as PMC, European PMC, and DOE PAGES. Please read [here](#) for more information.

To purchase open access, ACS authors should first sign the Journals Publishing Agreement prior to acceptance. After an article has been peer-reviewed and if it is accepted, the corresponding author receives an email from ACS with instructions and a link into the Copyright Clearance Center's RightsLink ecommerce system to choose and purchase an open access license. For some funders, special arrangements have been made, and alternate processes may be provided in the email to the corresponding author (see [here](#) for details). Country discounts are available for authors from specific countries. For assistance with open access, please contact [support@services.acs.org](mailto:support@services.acs.org).

### **Security Concerns.**

Certain papers may represent a potential security risk for the public. Such papers will be brought to the attention of the Editors. If necessary, outside reviewers with expertise in security matters will be consulted.

### **Providing Potential Reviewer Names**

Please suggest 4-6 reviewers. Authors are encouraged to avoid suggesting reviewers from the authors' institutions. Do not suggest reviewers who may have a [real or perceived conflict of interest](#). Whenever possible, suggest academic email addresses rather than personal email addresses.

### **Manuscript Transfer**

If your submission is declined for publication by this journal, the editors might deem your work to be better suited for another ACS Publications journal and suggest that the authors consider transferring the submission. [Manuscript Transfer](#) simplifies and shortens the process of submitting to another ACS journal, as all the coauthors, suggested reviewers, manuscript files, and responses to submission questions are copied by ACS Paragon Plus to the new draft submission. Authors are free to accept or decline the transfer offer.

Note that each journal is editorially independent. Transferring a manuscript is not a guarantee that the manuscript will be accepted, as the final publication decision will belong to the editor of the next journal.

## **PRODUCTION AND PUBLICATION**

### **Proofs via ACS Direct Correct**

Correction of the galley proofs is the responsibility of the Corresponding Author. The Corresponding Author of an accepted manuscript will receive e-mail notification and complete instructions when page proofs are available for review via [ACS Direct Correct](#). Extensive or important changes on page proofs, including changes to the title or list of authors, are subject to review by the editor.

It is the responsibility of the Corresponding Author to ensure that all authors listed on the manuscript agree with the changes made on the proofs. Galley proofs should be returned within 48 hours in order to ensure timely publication of the manuscript.

### **Publication Date and Patent Dates**

Accepted manuscripts will be published on the ACS Publications Web site as soon as page proofs are corrected, and payment is received. Articles published in *ACS Omega* will receive full citation information immediately upon Web publication, including page numbers. Once published on the Web, no further changes can be made to the manuscript. After publication, all changes to an article must be made through "Additions and Corrections".

Publication on the Web usually occurs within 1-2 working days of receipt of page proof corrections (provided payment has been received). Authors should take this schedule into account when planning intellectual and patent activities related to a manuscript. The first date on which the document is published on the Web is considered the publication date.

## Post-Publication Policies

The American Chemical Society follows guidance from the [Committee on Publication Ethics](#) (COPE) when considering any ethical concerns regarding a published article, Retractions, and Expressions of Concern.

## Additions and Corrections

Additions and Corrections may be requested by the author(s) or initiated by the Editor to address important issues or correct errors and omissions of consequence that arise after publication of an article. All Additions and Corrections are subject to approval by the Editor, and should bring new and directly relevant information and corrections that fix scientific facts. Minor corrections and additions will not be published. Readers who detect errors of consequence in the work of others should contact the corresponding author of that work.

Additions and Corrections must be submitted as new manuscripts via ACS Paragon Plus by the Corresponding Author for publication in the “Addition/Correction” section of the Journal. The corresponding author should obtain approval from all coauthors prior to submitting or provide evidence that such approval has been solicited. The manuscript should include the original article title and author list, citation including DOI, and details of the correction.

## Retractions

Articles may be retracted for scientific or ethical reasons and may be requested by the article author(s) or by the journal Editor(s), but are ultimately published at the discretion of the Editor. Articles that contain seriously flawed or erroneous data such that their findings and conclusions cannot be relied upon may be retracted in order to correct the scientific record. When an article is retracted, a notice of Retraction will be published containing information about the reason for the Retraction. The originally published article will remain online except in extraordinary circumstances (e.g. where deemed legally necessary, or if the availability of the published content poses public health risks).

## Expressions of Concern

Expressions of Concern may be issued at the discretion of the Editor if:

- there is inconclusive evidence of research or publication misconduct by the authors;
- there is evidence that the findings are unreliable but the authors’ institution will not investigate the case;
- an investigation into alleged misconduct related to the publication either has not been, or would not be, fair and impartial or conclusive;
- an investigation is underway but a judgment will not be available for a considerable time.
- Upon completion of any related investigation, and when a final determination is made about the outcome of the article, the Expression of Concern may be replaced with a Retraction notice or Correction.

## Sharing Your Published Article

At ACS Publications, we know it is important for you to be able to share your peer reviewed, published work with colleagues in the global community of scientists. As sharing on sites known as scholarly collaboration networks (SCNs) is becoming increasingly prevalent in today's scholarly research ecosystem, we would like to remind you of the many ways in which you, a valued ACS author, can [share your published work](#).

Publishing open access makes it easy to share your work with friends, colleagues, and family members. In addition, ACS Publications makes it easy to share your newly published research with ACS Articles on Request (see below). Don't forget to promote your research and related data on social media, at conferences, and through scholarly communication networks. Increase the impact of your research using the following resources: [Altmetrics](#), [Figshare](#), [ACS Certified Deposit](#).

### E-Prints

When your article is published in an ACS journal, corresponding authors are provided with a link that offers up to 50 free digital prints of the final published work. This link is valid for the first 12 months following online publication, and can be shared via email or an author's website. After one year, the access restrictions to your article will be lifted, and you can share the [Articles on Request](#) URL on social media and other channels. To access all your Articles on Request links, log in to your ACS Publishing Center account and visit the "My Published Manuscripts" page.

### Reprints

[Article](#), [Journal](#), and [Commercial](#) reprints are available to order.

## Appendix 1: PREPARING FOR SUBMISSION

We've developed ACS' publishing and editorial policies in consultation with the research communities that we serve, including authors and librarians. Browse our policies below to learn more.

### Ethical Guidelines

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](#).

### Safety Considerations

Authors must emphasize any unexpected, new, and/or significant hazards or risks associated with the reported work. This information should be in the Experimental Section of the full article and included in the main text of a letter.

### Conflict of Interest Disclosure

A statement describing any financial conflicts of interest or lack thereof is published in each ACS journal article.

During the submission process, the Corresponding Author must provide a statement on behalf of all authors of the manuscript, describing all potential sources of bias, including affiliations, funding sources, and financial or management relationships, that may constitute conflicts of interest. If the manuscript is accepted, the statement will be published in the final article.

If the manuscript is accepted and no conflict of interest has been declared, the following statement will be published in the final article: “The authors declare no competing financial interest.”

### Plagiarism

In publishing only original research, ACS is committed to deterring plagiarism, including self-plagiarism. ACS Publications uses CrossCheck's iThenticate software to screen submitted manuscripts for similarity to published material. Note that your manuscript may be screened during the submission process. Further information about plagiarism can be found in Part B of the [Ethical Guidelines to Publication of Chemical Research](#). See also the [Press Release](#) regarding ACS' participation in the CrossCheck initiative.

### Author List and Coauthor Notification

Authors are required to obtain the consent of all their coauthors prior to submitting a manuscript. The submitting author accepts the responsibility of notifying all coauthors that the manuscript is being submitted.

If any change in authorship is necessary after a manuscript has been submitted, the Corresponding Author must e-mail a signed letter to the Editor-in-Chief confirming that all of the original coauthors have been notified and have agreed to the change. If the change involves the removal of a coauthor's name, the Corresponding Author must, in addition, arrange for the coauthor involved to e-mail a separate signed letter to the Editor-in-Chief consenting to the change. No changes in the author list will be permitted after a manuscript has been accepted.

During manuscript submission, the submitting author must provide contact information (full name, email address, institutional affiliation, and mailing address) for all of the coauthors. Because all of the author names are automatically imported into the electronic Journal Publishing Agreement, the names must be entered into ACS Paragon Plus in the same sequence as they appear on the first page of the manuscript. (Note that coauthors are not required to register in ACS Paragon Plus.)

### Patent Activities and Intellectual Property

Authors are responsible for ensuring that all patent activities and intellectual property issues are satisfactorily resolved prior to first publication (Just Accepted, ASAP, or in issue). Acceptance and publication will not be delayed for pending or unresolved issues of this nature.

### Open Researcher and Contributor ID (ORCID)

Authors submitting manuscript revisions are required to provide their own personal, validated ORCID iD before completing the submission, if an ORCID iD is not already associated with their ACS Paragon Plus user profiles. This ID may be provided during original manuscript submission or when submitting the manuscript revision. All authors are strongly encouraged to register for an ORCID iD, a unique researcher identifier. The ORCID iD will be displayed in the published article for any author on a manuscript who has a validated ORCID iD associated with ACS when the manuscript is accepted.

ORCID iDs should not be typed into the manuscript. ACS publishes only those ORCID iDs that have been properly verified and linked **before the manuscript is accepted**. After your ORCID iD is linked, it will be displayed automatically in all subsequently accepted manuscripts for any/all ACS journals. We do not publish ORCID iDs provided during proof review or via other communications after a manuscript is accepted for publication.

With an ORCID iD, you can create a profile of your research activities to distinguish yourself from other researchers with similar names, and make it easier for your colleagues to find your publications. If you do not yet have an ORCID iD, or you wish to associate your existing ORCID iD with your ACS Paragon Plus account, you may do so by clicking on “Edit Your Profile” from your ACS Paragon Plus account homepage and following the ORCID-related links. Learn more at <http://www.orcid.org>.

## Copyright and Permissions

To obtain forms and guidelines for copyright transfer, obtaining permissions from copyright owners, and to explore a Copyright Learning Module for chemists, click [here](#).

## Funder Reporting Requirement

Authors are [required to report funding sources](#) and grant/award numbers. Enter **ALL** sources of funding for ALL authors in **BOTH** the Funder Registry Tool in ACS Paragon Plus and in your manuscript to meet this requirement.

## Open Access Compliance

ACS offers options by which authors can fulfill the requirements of manuscript deposit for research funded by the [National Institutes of Health](#), the [Wellcome Trust](#), and the [Austrian Science Fund](#). ACS offers options by which authors can fulfill the requirements for open access and deposition into repositories for funded research. Read more about [Open Access Compliance](#) and [ACS Open Access initiatives](#).

## Appendix 2: Preparing Graphics Resolution

Digital graphics pasted into manuscripts should have the following minimum resolutions:

- Black and white line art 1200 dpi
- Grayscale art 600 dpi
- Color art 300 dpi

## Size

Graphics must fit a one- or two-column format. Single-column graphics can be sized up to 240 points wide (3.33 in.) and double-column graphics must be sized between 300 and 504 points (4.167 in. and 7 in.). The maximum depth for all graphics is 660 points (9.167 in.) including the caption (allow 12 pts. For each line of caption text). Lettering should be no smaller than 4.5 points in the final published format. The text should be legible when the graphic is viewed full-size. Helvetica or Arial fonts work well for lettering. Lines should be no thinner than 0.5 point.

## Color

Color may be used to enhance the clarity of complex structures, figures, spectra, and schemes, etc., and color reproduction of graphics is provided at no cost to the author. Graphics intended to appear in black and white or grayscale should not be submitted in color.

## Type of Graphics

Table of Contents (TOC)/Abstract Graphic

Consult the [Guidelines for Table of Contents/Abstract Graphics](#) for specifications.

## Figures

A caption giving the figure number and a brief description must be included below each figure. The caption should be understandable without reference to the text. It is preferable to place any key to symbols used in the artwork itself, not in the caption. Ensure that any symbols and abbreviations used in the text agree with those in the artwork.

## Charts

Charts (groups of structures that do not show reactions) may have a brief caption describing its contents

## Tables

Each table must have a brief (one phrase or sentence) title that describes the contents. The title should be understandable without reference to the text. Details should be put in footnotes, not in the title. Tables should be used when the data cannot be presented clearly in the narrative, when many numbers must be presented, or when more meaningful inter-relationships can be conveyed by the tabular format. Tables should supplement, not duplicate, information presented in the text and figures. Tables should be simple and concise.

## Schemes

Each scheme (sequences of reactions) may have a brief caption describing its contents.

## Chemical Structures

Chemical structures should be produced with the use of a drawing program such as ChemDraw.

## Web Enhanced Objects (WEO)

The Web editions of ACS journals allow readers to view multimedia attachments such as animations and movies that complement understanding of the research being reported.

WEOs should be uploaded in ACS Paragon Plus with 'Web Enhanced Object' selected as the file designation. Consult the list of [compatible WEO formats](#).