

Appendix

ACS Open Access Publishing Opportunities

The American Chemical Society (ACS) supports universal access¹ to the results of scientific research via publishing models that are sustainable and that ensure the integrity and permanence of the scholarly record upon which scientific progress is based. As part of this commitment, the ACS has embarked on a concerted expansion of its open access publishing options. This includes:

- [*ACS Central Science*](#), the first highly selective, high-impact, society-published, solely open access journal to cover the breadth of chemistry and its interfaces with research across the natural and physical sciences. All original research articles in this peer-reviewed journal are made freely available online immediately upon publication via full sponsorship from the Society (i.e. without article publishing charges to authors or fees to readers). The journal also publishes analysis and commentary on global trends in science research and development, technology, education and policy harnessed from C&EN magazine and invited thought leaders.
- [*ACS Omega*](#), an open access, multidisciplinary chemistry journal publishing peer-reviewed research of broad importance from around the world. Sustained by article publishing charges paid by authors and research funders, articles in this journal are published for immediate open availability. Research articles are reviewed and chosen by a global team of editors on the basis of sound technical merit – allowing the community at large to evaluate each work’s significance or impact. *ACS Omega* is positioned to enable authors to comply with open access mandates from a range of funders and provides a home for original research articles of scientific value covering all areas of chemistry, chemical engineering and allied scientific fields.
- [*ChemRxiv*](#), a chemistry preprint server for the global chemistry community, launched in 2017 as a collaborative undertaking to facilitate the open dissemination of important scientific findings in chemistry and allied sciences. ACS has led the organization of this initiative and now partners with the Gesellschaft Deutscher Chemiker (German Chemical Society), the Royal Society of Chemistry, the Chinese Chemical Society, and the Chemical Society of Japan as co-owners to support its strategic and financial development. Open sharing of research results and data aids researchers in establishing recognition and priority for their scientific discoveries while also providing a mechanism to elicit informal feedback from other scientists to help in shaping their ongoing work.
- [*ACS Editors’ Choice*](#), a public access program that exemplifies the Society’s commitment to improving people’s lives through the transforming power of chemistry. ACS Publications openly features one new journal article per day, based on recommendations from ACS Editors-in-Chief, deemed to communicate important science of broad public interest and potential global impact. Articles featured in the ACS Editors’ Choice program are open access

¹ For more information on the goal of universal access see: <https://sloan.org/programs/digital-technology/universal-access-to-knowledge>

immediately upon publication, and remain publicly available thereafter, through the Society's sponsorship.

- Expanded [ACS AuthorChoice options](#), give ACS authors the choice between immediate or 12-month delayed open access of the final published article of record. Options also provide progressive discounts based on membership status in the ACS and the institutional subscriber affiliation of the Corresponding Author. Authors may also elect to fund publication under the terms of either a Creative Commons Attribution (CC-BY) or Creative Commons Attribution Noncommercial No Derivative Works (CC-BY-NC-ND) license.
- [ACS Certified Deposit](#), under this program, ACS will manage the required deposit of the final published article to funder repositories as directed by the author and will maintain records to certify compliance with such mandates.

These recent initiatives complement existing open access programs such as [ACS Articles on Request](#) that enables authors to provide free access to their published articles by sharing or posting their *ACS Articles on Request* link on a personal or institutional website. In the first year after publication, free access to the article is immediately enabled to the first 50 users of the link who don't already have subscription access; after 12 months, an unlimited number of interested readers can access the article via the special author link without charge.

All of these open access initiatives by ACS Publications align with the Society's mission and goals, notably the advancement of science through the dissemination of indispensable chemistry-related information worldwide. Furthermore, in keeping with the Society's mission of service to the global chemistry community, ACS Publications has entered into collaborative open access strategic partnerships with universities and consortia in the U.S. and Europe that will advance shared goals for open science and enhance convenience for the researcher and author community. These "transformative agreements" provide researchers affiliated with an institution the opportunity to disseminate immediately, under an open access license, up to 100 percent of their research articles upon acceptance and publication by a peer-reviewed ACS journal and benefit from full reader access to all ACS Publications journals.

The ACS recognizes there is considerable merit in pursuing interoperability with various sources of chemistry-related information, such as scientific social networking sites that promote article content sharing in compliance with copyright. Accordingly, the ACS is a signatory to the STM [Voluntary Principles for Article Sharing on Scholarly Collaboration Networks](#) that clarify how, where and what content should be shared using these networks and sites and a supporter of the [How Can I Share It](#) website.