Open Access in the Sciences at Columbia



What Is Open Access?

• Free, immediate, online availability of research articles, coupled with the rights to use those articles fully in the digital environment.

Open Access for the Sciences:

- <u>DOAJ</u> The Directory of Open Access Journals allows you to search for all included journals and then narrow by subject.
- <u>ArXiv.org</u> Open access to nearly 800,000 e-prints in Physics, Mathematics, Computer Science, Quantitative Biology, Quantitative Finance and Statistics.
- <u>BioMedCentral</u> Publishes over 60 open access journals.
- <u>Chemistry Central</u> Chemistry Central, a later outgrowth of BioMed Central, publishes international, peer-reviewed open access research in chemistry.
- Project Euclid Offering nearly 20 highly-regarded mathematics journal as open access.
- <u>Public Library of Science</u> PLoS was one of the first, and remains one of the truly significant open access publishing houses in the sciences.
- <u>PubMedCentral</u> A freely-available, full-text archive of biomedical and life sciences journal literature at the U.S. National Institutes of Health's National Library of Medicine (NIH/NLM).
- <u>SAO/NASA Astrophysics Data System (ADS)</u> Commonly called the Astrophysics Data System, this is a digital
 portal for researchers in Astronomy and Physics, operated by the Smithsonian Astrophysical Observatory (SAO)
 under a NASA grant.
- SCOAP3 (Sponsoring Consortium for Open Access Publishing in Particle) SCOAP3, a consortium made up of High-Energy Physics (HEP) funding agencies, HEP laboratories, and leading national and international libraries and library consortia, is working with publishers to develop a new business model supporting conversion of five traditionally-published core HEP journals into Open Access titles.
- <u>Beilstein Journal of Organic Chemistry</u> Peer-reviewed, quality articles in organic chemistry. Authors publish free of charge since the journal is completely funded by the Beilstein-Institute.
- <u>Nucleic Acids Research</u>: Content from 1996 on is freely available on the Oxford University Press website; earlier content can be found in PubMed Central.

Open Access at Columbia University

Academic Commons

academiccommons.columbia.edu

Academic Commons, Columbia's research repository, preserves and makes available research outputs in any format, including, but not limited to, journal articles, book chapters, working papers, conference proceedings, and datasets. There are currently over 13,700 items in Academic Commons including 1,600 doctoral dissertations and hundreds of master's and undergraduate theses.

- Open Access Policies scholcomm.columbia.edu/open-access/open-access-policies/ Lamont-Doherty Earth Observatory, Columbia University Libraries/Information Services, the Mailman School of Public Health, and the School of Social Work have adopted open access policies. They call for faculty members and officers of administration to make their research articles freely available to the public through online repositories, such as Academic Commons.
- COAP Fund scholcomm.columbia.edu/services/coap-fund/ The Columbia Open-Access Publication (COAP) Fund will underwrite reasonable article-processing fees for open-access journals when funds are not otherwise available.

Royal Society of Chemistry Gold for Gold

The Gold for Gold program enables researchers to publish their paper in RSC journals open access and without paying the normal article publication fee. Enquire with Columbia University Science & Engineering Libraries for your free author token (ref-sci@columbia.edu).