The Ohio Journal of SCIENCE OPEN ACCESS • ONLINE • INTERNATIONAL • MULTIDISCIPLINARY



Volume 118 No. 2



EDITORIAL POLICY

General

The Ohio Journal of Science (OJS) has published peer-reviewed, original contributions to science, education, engineering, and technology since 1900. The OJS encourages submission of manuscripts relevant to Ohio, but readily considers all submissions that advance the mission of The Ohio Academy of Science to foster curiosity, discovery and innovation to benefit society. Annually the Academy produces two issues: peer-reviewed April Program Abstracts and peer-reviewed full papers in December. The Ohio State University Libraries publishes both issues Open Access online on behalf of The Ohio Academy of Science. The Academy distributes a print version of the April Program Abstracts at the annual meeting. Peer-reviewed articles are published as accepted throughout the year and compiled at year end into a single, digital volume. Because the OJS is an international multidisciplinary journal, authors should write clearly, concisely, and avoid excessive jargon to assure broad understanding of their work by those whose fields may differ from the authors.

The OJS considers original contributions from members and non-members of the Academy in all fields of science, technology, engineering, mathematics and education. Submission of a manuscript is understood to mean that the work is *original* and *unpublished*, and is not being considered for publication elsewhere. All manuscripts considered for publication will be peer-reviewed. Any opinions expressed by reviewers are their own, and do not represent the views of The Ohio Academy of Science or the OJS.

Page Charges

Publication in *The Ohio Journal of Science* requires authors to assist in meeting distribution expenses. These costs will be assessed at \$50 per page for nonmembers. **Members of the Academy do not pay page charges to publish in** *The Ohio Journal of Science*. In multi-authored papers, the first author must be a member of the Academy at the time of publication to be eligible for the reduced member rate. Papers that exceed 12 printed pages may be charged full production costs.

How to Submit a Manuscript

Go to http://ohiojournalofscience.org to peruse recent issues of *The Ohio Journal of Science*. Read the Information for Authors linked there. Register at that site and upload your manuscript and illustrations.

For technical questions about electronic formats or other details for submission, contact:

The Ohio Academy of Science Phone: 614-389-2182 Fax: 614-389-2470 Email: ojs@ohiosci.org Please contact the editor directly for general questions regarding content or appropriateness of submissions:

Dr. Lynn E. Elfner, Editor-Email: Elfner1@gmail.com

Indexing

The Ohio Journal of Science is indexed by: Academic OneFile Biological Abstracts/BIOSIS Previews CAB Abstracts EBSCOhost Databases Google Scholar Knowledge Bank (The Ohio State University Libraries) ProQuest Databases SciFinder Scholar Zoological Record

FUTURE ACADEMY MEETINGS

April 13, 2019, hosted by Columbus State Community College, Columbus, Ohio

International Exposure

During the past decade OJS online articles were accessed more than 4,793,609 times by researchers in more than 150 countries at an average rate of more than 1,300 per day. Overall since January 2013, the number of online Open Access journals has grown from 3,000 to over 12,300. The OJS is now one of them.

Fully Keyword-searchable Archives

The Ohio State University Libraries archive fully keyword-searchable issues of the OJS from November 1900 through 2013 here: https://kb.osu.edu/handle/1811/686

The Libraries' Online Journal Systems archives issues from 2014 through March 2018 here: http://ohiojournalofscience.org/issue/archive

This year's articles appear here: http://ohiojournalofscience.org/issue/view/207

Date of Issue—December 2018

Copyediting and design—Philip Winchell, STEM Education Support Services

Printing-Printing Arts Press, Mt. Vernon, OH 43050