

Accelerator and Engineering Division Publication Policy[♦]

Peer-reviewed journals operate under different publication models: *Subscription, Hybrid, Green, Gold and Diamond (or Platinum) Open Access*.

Subscription-based journals typically require readers to pay for the content that they read. Publishing an article in a subscription journal is free for the publishing author. In this case subscription fees cover the cost of publishing, including peer-review, editing and the general cost of running a journal.

For open access, authors are asked to pay an Article-Processing Charge (APC) in order for their article to be published under a Creative Commons Attribution license. This covers the costs involved in every stage of the publication process, from administrating peer-review to copy editing and hosting the final article on dedicated servers. Among the advantages to publishing Open Access are a greater visibility and impact of research, increased opportunity for collaboration and enhanced contribution to advancing knowledge and education.

- *Green Open Access*– refers to self-archiving generally of the pre or post-print in repositories.
- *Gold Open Access* – refers to articles in fully accessible open access journals. Typically requires payment of a publishing fee for each article, known as the article processing charge (APC).
- *Diamond Open Access* – as for Gold, refers to articles in fully accessible open access journals. These publications are typically sponsored and do not require any publication or APC fee.
- *Hybrid* – sometimes called Paid Open Access, refers to subscription journals with open access to individual articles usually when a fee is paid to the publisher or journal by the author, the author's organization, or the research funder. Some of the fees are quite expensive and are not covered by subscription fees (these fees maybe discounted with a subscription).

All scientific and technical research funded by the U.S. Government or undertaken at facilities funded by the government must be made available for access by the public. The Department of Energy's [Office of Scientific and Technical Information \(OSTI\)](#) maintains several databases for access (or open access) to this information. JLab's contract requires us to send all scientific and technical documents including journal and conference submissions, proceedings, books and book chapters, theses/dissertations, and formal programmatic progress and completion reports to OSTI. Thus, all JLab publications are at least Green Open Access.

Criteria in choice of peer-reviewed journals

- As there are many high-impact journals that do not charge fees, we recommend that authors consider publishing in one of those over a journal that charges fees - especially if the fees are high and the journal's impact factor is low.
- Authors should be wary of ubiquitous predatory journals with alluring advertisements. In particular, these journals may take advantage of the APC-based model to receive payment in return for minimal peer review and processing. Authors should ensure that the journal they choose in which to publish their work is reputable and is the best vehicle to disseminate the particular research. It is advised that authors seek guidance and approval from management on this matter.

[♦] Prepared by the Publication and Conference Committee: Evelyn Akers, Alex Bogacz, Max Bruker, Alicia Hofler, Joseph Matalevich, Riad Suleiman and Anne-Marie Valente-Feliciano.

General publication fees policy*

- JLab pays subscription fees for most relevant journals in physics and scientific research (see the available journals here: https://www.jlab.org/info_resources/library/periodicals). Therefore, we do not pay any standard publication fees for these journals as they are already covered by subscriptions.
- For projects funded externally, (WFO, SPP, SBIR, etc.) prospective publication fees, e.g. APC, should be included into proposals as part of research expenses. If approved, the lab would pay the costs from those R&D accounts. Researchers are encouraged to list the prospective publication fees as expenses within a research proposal, grant application etc.
- Similarly, for internally funded projects, experiments etc. prospective publication fees should be included into proposals as part of research expenses. If approved by the division office, the lab would pay these fees.

Open access fees for hybrid or Gold Open Access Journals

These fees should be paid from the project funding the research. Authors should seek approval from management.

Page/color printing charges

Traditionally, journals charge per page and/or per color figure to cover the cost of grayscale and color printing. However, these fees can be avoided when one chooses to publish online.

Typically the electronic version of an article will show color figures at no additional costs.

Payment for color figures in printed versions should be used judiciously and the impact evaluated. Authors should seek approval from management.

* With the expansion of Open Access publishing, the policies will be periodically reviewed (every 2-3 years).