

COPYRIGHT AND OPEN ACCESS – APEX/JJAP

APEX/JJAP Editorial Board

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2. What is open access?

- **Two models of open access**

Open access (OA) refers to making the content of research articles available to all

interested readers without charge and giving the permission of the copyright owner to copy, redistribute or reuse content. It expands the availability of articles to anyone with an Internet connection and an interest in a specific topic. There are two typical OA publishing models: **Gold OA** and **Green OA**.

- **Gold OA:**

This is a model in which the **final published version** (or version of record, VOR) of an article is made freely available upon payment of the **article processing charge (APC)** by the author, his/her funding agency or a third party. Copyright can either be licensed or assigned in the standard manner, but the publisher makes the content free to be viewed and reused (subject to some restrictions defined by the publisher) immediately after publication.

- **Green OA:**

Green open access refers to the “**self-archiving**” of the content of a published article in a **repository** that is publicly and freely accessible, usually after a delay (**embargo**) **period** of up to 12 months. The author’s peer-reviewed, **accepted manuscript** (but before any copy-editing, coding, etc.), not the **final published version**, can be posted onto the **repository**. Copyright is generally assigned to the publisher and the author is given the right to post onto a **repository** within the restrictions stated above.

3. What is the benefit and requirement of open access?

- **Major benefit of OA articles**

Open access enhances the visibility of articles, increases accessibility for readers, and helps the public to reuse the article. **Open access (Gold OA)** includes the following major benefits.

- OA articles are freely and permanently available online immediately upon publication, resulting in broader distribution, and enhanced visibility, accessibility, and sustainability.
- The **final published version** of the article can be redistributed, reused and posted onto any **repository** immediately after publication.
- Authors usually retain the copyright to their work.
- Authors can easily abide by the OA mandates of their institution, funder, or society as OA rights of users are usually protected under a **Creative Commons** license.

4. Are APEX and JJAP Open Access journals?

• **Hybrid OA journal**

APEX and JJAP are **hybrid OA journals**, that is, subscription-based journals that offer an OA option. Authors may choose to make their APEX/JJAP articles freely available to all interested readers by using the **Open Select** option.

• **OA articles in APEX/JJAP**

The following articles are classified as **Gold OA** in APEX/JJAP

- Open Select** articles in APEX/JJAP
- All articles in JJAP Conference Proceedings

• **Open Select option for APEX/JJAP**

JSAP offers the OA option for articles published in APEX and JJAP. This OA program is called **Open Select**. Anyone (authors, institutions, funding agencies, etc.) can, by paying a one-time extra fee (covering **APC**), make the article freely available to others on the journal website without extra cost or need of a subscription.

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6. Self-archiving of articles published in APEX/JJAP journals

For all APEX/JJAP articles other than OA articles (**Open Select** articles and JJAP Conference Proceedings articles), the **Green OA** model is applied. **Self-archiving** of the articles published in APEX and JJAP through an institutional **repository** will be granted when the following conditions are satisfied

(http://www.jsap.or.jp/english/policy_for_repository.html).

- ◇ The article is published after a lapse (**embargo period**) of more than twelve months from the time of online publication.
- ◇ The final manuscript prepared by the author(s) must be used.
- ◇ Information on the article (e.g., journal title, volume, issue number, article ID) must be disclosed.
- ◇ A DOI of the corresponding article in the online journal must be provided.
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Some institutions and funding bodies may request the authors to make their research result publicly and freely accessible for all readers. The author can abide by such mandates by **self-archiving** their works.

7. Other Free-Access services provided by APEX/JJAP

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- Invited Review, Comprehensive Review, and Special Review articles in JJAP
- All articles published in STAP (Selected Topics in Applied Physics) in JJAP
- Special Issue articles in JJAP (limited time):
 - Special Issue articles are made Free-Access in a limited time (within one year) after the publication.
- Spotlight articles in JJAP/APEX (limited time):
 - Articles selected as Spotlights are made Free-Access in a limited time (until the end of a year next to the year of publication).

8. Summary

• What the author should do when submitting a manuscript to APEX/JJAP

At the time of submission of a manuscript for publication in APEX/JJAP, the author must choose either one of the following two routes in terms of copyright and **open access** handling:

- (1) To make the article fully open to the public while the author retains ownership of the copyright (**Gold OA**), choose the **Open Select** option by using the Application form for **Open Select**. The article is made free to be read and reused immediately upon publication under a **CC-BY license**.
- (2) To ensure the protection of the article copyright by JSAP, **transfer** the copyright to JSAP by using the **Copyright Transfer** Agreement form. When this is selected, the author can post the accepted version of the manuscript into an institutional or subject **repository** after a 12 month **embargo (Green OA)**.

As for JJAP Conference Proceedings, all articles published therein are **Gold OA**.

Terminology guide

Article processing charge (APC)

The cost required for the production and maintenance of research articles under a fully open access model is covered by the article processing charge (APC). The APC is collected from the author by the publisher when the article is accepted for publication.

Accepted manuscript

The author's original manuscript of an article after revisions made during the reviewing process but before any editing processes for printing by the publisher. In most cases, this is the version that is allowed to be used in self-archiving.

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Embargo period

The embargo period is a delay period defined by the publisher, typically 6-12 months, before an article published in a journal can be made freely available to the public. Self-archiving is prohibited during this period, except for open access articles.

Final published version

This is the copy-edited version of an article published by the publisher. For fully open access articles, this version is allowed to be shared and reused immediately after its publication. The “version of record” is also used in the same sense.

Hybrid OA journal

This refers to a journal that publishes not only traditional subscription-based articles but also open access articles upon payment of an extra publication fee.

Open access (OA)

Open access (OA) is a way to make the contents of scientific articles available on-line to all interested readers without placing any financial or copyright barriers between the readers and the article. There are two models adopted in practice: Gold open access and Green open access.

- **Gold open access**

This is an open access model in which the final published version of an article is made freely available immediately after its publication, upon payment of the article processing charge (APC) by the author.

- **Green open access**

Green open access refers to the “self-archiving” of an article in a publicly and freely accessible repository, usually after a delay (embargo) period defined by the publisher. The

author's accepted manuscript, not the final published version, can be posted onto the repository.

Open Select

This is an open access program provided for articles published in APEX and JJAP journals. The authors can make their article freely available to all interested readers upon payment of an extra one-time fee covering the APC.

Repository

This usually refers to a storage for an online archive of academic articles, built by a particular institution or for a subject area.

Self-archiving

This refers to depositing a copy of the author's article into the author's own institutional repository or an open archive in a particular subject area.