



University of Maribor

University of Maribor Library

Open Access: definitions and some guidance

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12th – 16th September 2022





What is Open Science?

- Open Science means **opening all phases of research** to the public.
- The **dissemination of scientific knowledge**, that is as wide as possible, free of charges to all users, and accessible online.
- The research process should be more **transparent**, and **research outputs findable and available** in standardized formats through an interoperable infrastructure.
- Approach to the scientific process based on **cooperative work** and ways of disseminating knowledge, improving accessibility to and re-usability of research outputs by using digital technologies and collaborative tools. (Source: EOSC Glossary)



Who's involved?



researchers



institutions



policymakers



publishers



libraries



funders



Digital Research Outputs



As open as possible,
as closed as necessary

- Publications
- Research Data
- Software
- Workflows
- Others



Benefits of Sharing Research Outputs for Researchers



Increased transparency and trust in their work



Easier availability of research results for other scientists



Reproducibility and reuse enabled by verifiable results



Increased readability, citation and impact



Long-term archiving and preservation



New ways of gaining recognition and reputation



New projects and employment opportunities



Increased visibility and impact

There are countless benefits to sharing research data. Whether they follow an institutional or national OA mandate or their own, self-imposed mission of contributing to the “scholarly community and society as a whole”, more researchers are adopting open science.



RESEARCH AND SOCIETAL BENEFITS





Open Access to publications

Ideally, an open access publication is free for anyone to read, download, copy, distribute, print, search for, search within, and use in education or another way within a limited number of legal agreements.

Costs:

	Open Access	Subscription-based
Reading	For Free	Paid
Publishing	APC	For Free



Usage of Scientific Publications

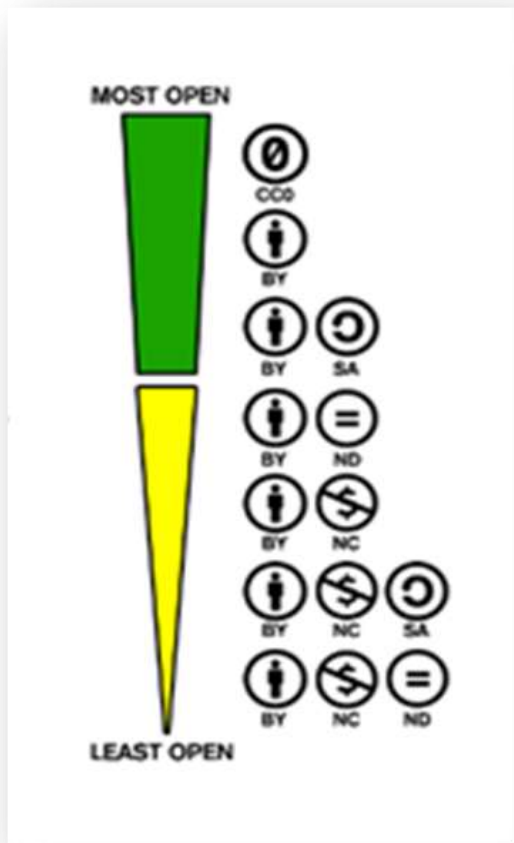
Traditional scientific publishing

The publisher is the copyright holder



Open access scientific publishing

The author is the copyright holder – defines the rights of usage of the work





The ways of open access publishing



IMPORTANT:

- Assessing open access journal quality:

<https://thinkchecksubmit.org/>



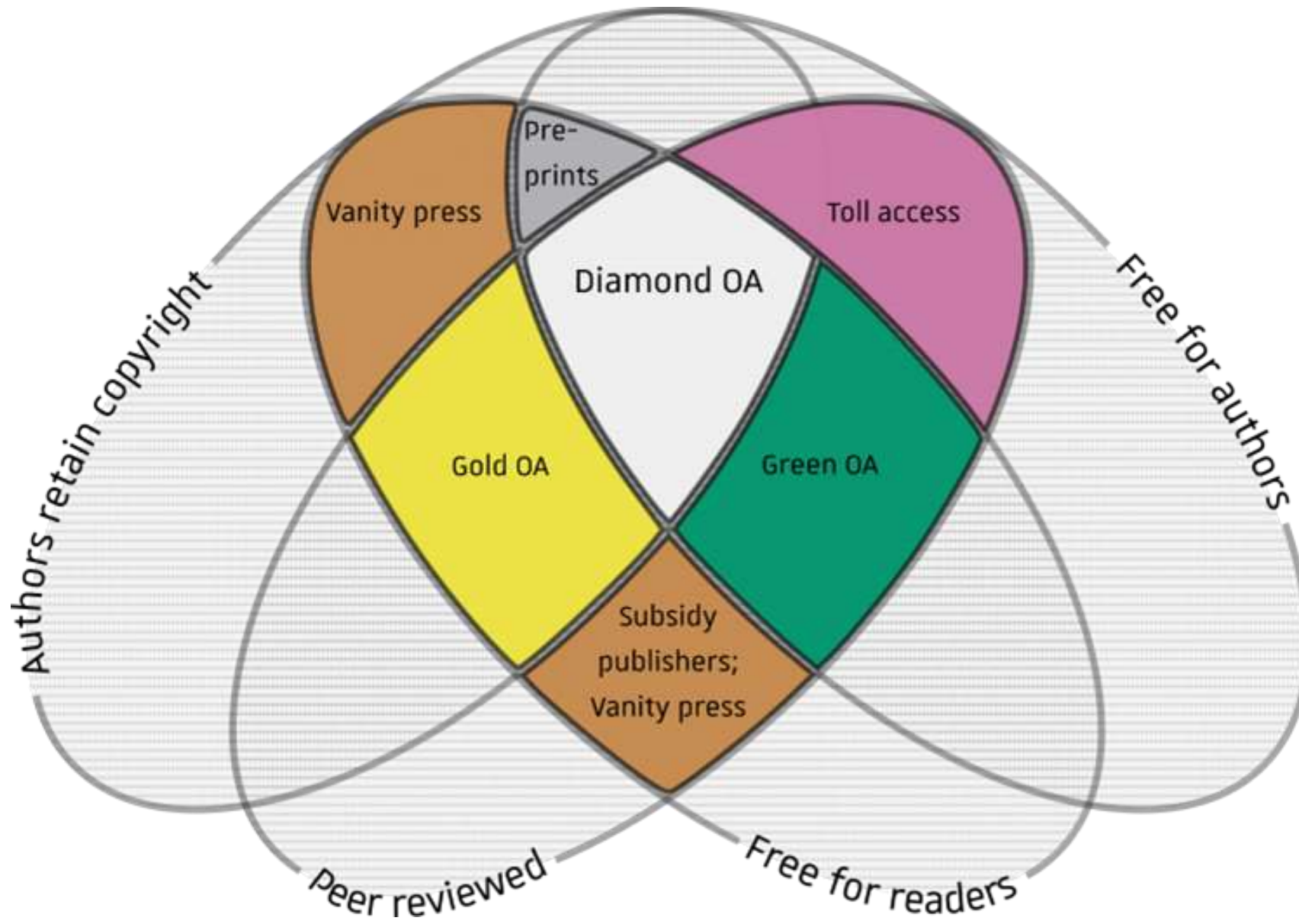
- Costs (APC)
- Creative Commons Licence

The gold open access:

- Open access journal (APC)
- Diamond/Platinum Open Access (nonAPC)
- Hybrid journal (policy: Sherpa Romeo, journal website)

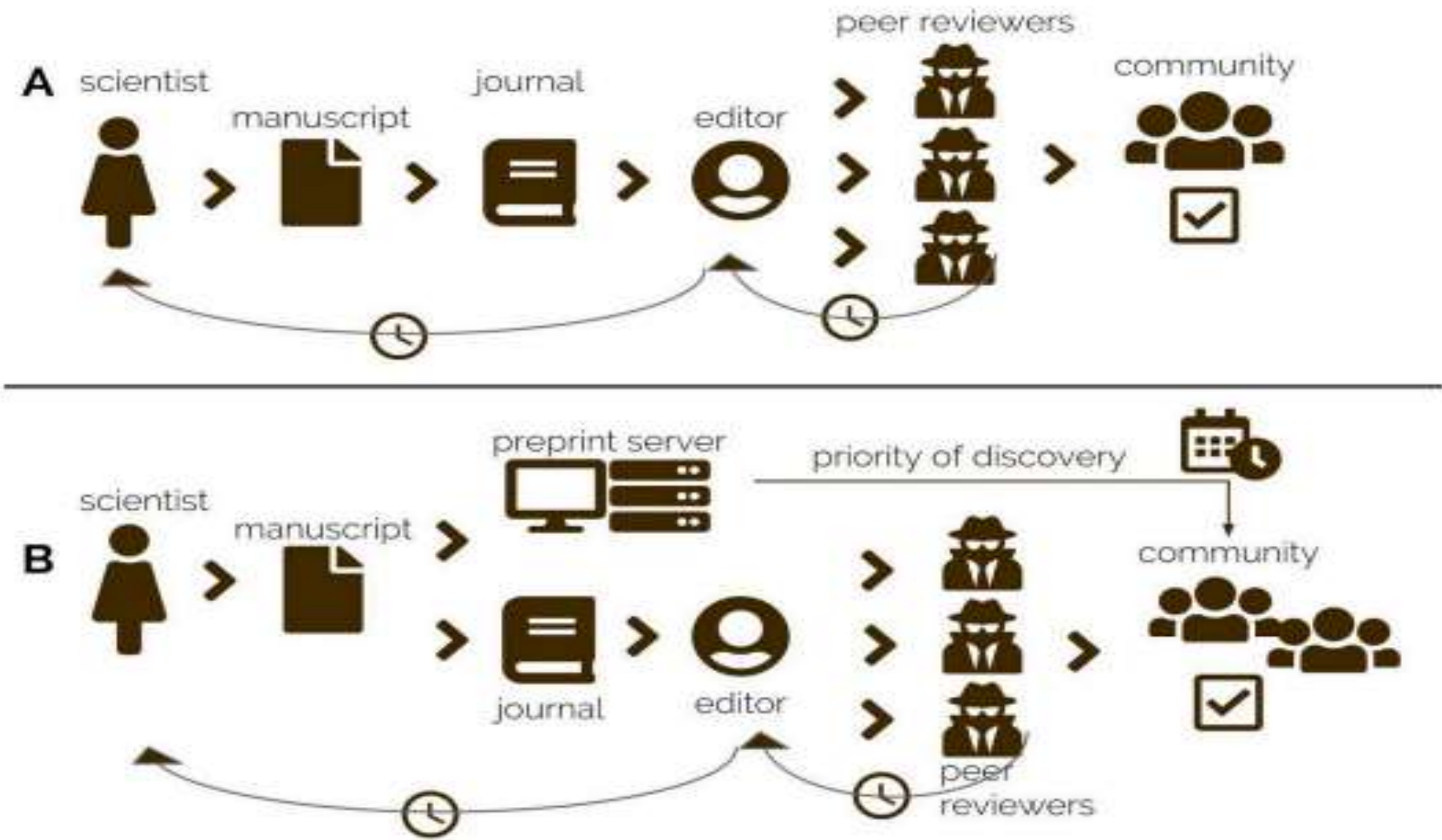
The green open access

- Embargo
- Institutional repositories
- Allowed version of the publication (publisher's open access policy)





(A) Traditional peer review publishing workflow. (B) Preprint submission establishing priority of discovery.





How to make your research Open Access without breaking the bank

Do you know a **free OA journal** you want to submit to?



Go ahead and submit



Can you publish the post-print?



Publish the post-print of your article: after it has been peer reviewed, but before final editorial type-setting(*)



Can you publish the pre-print?

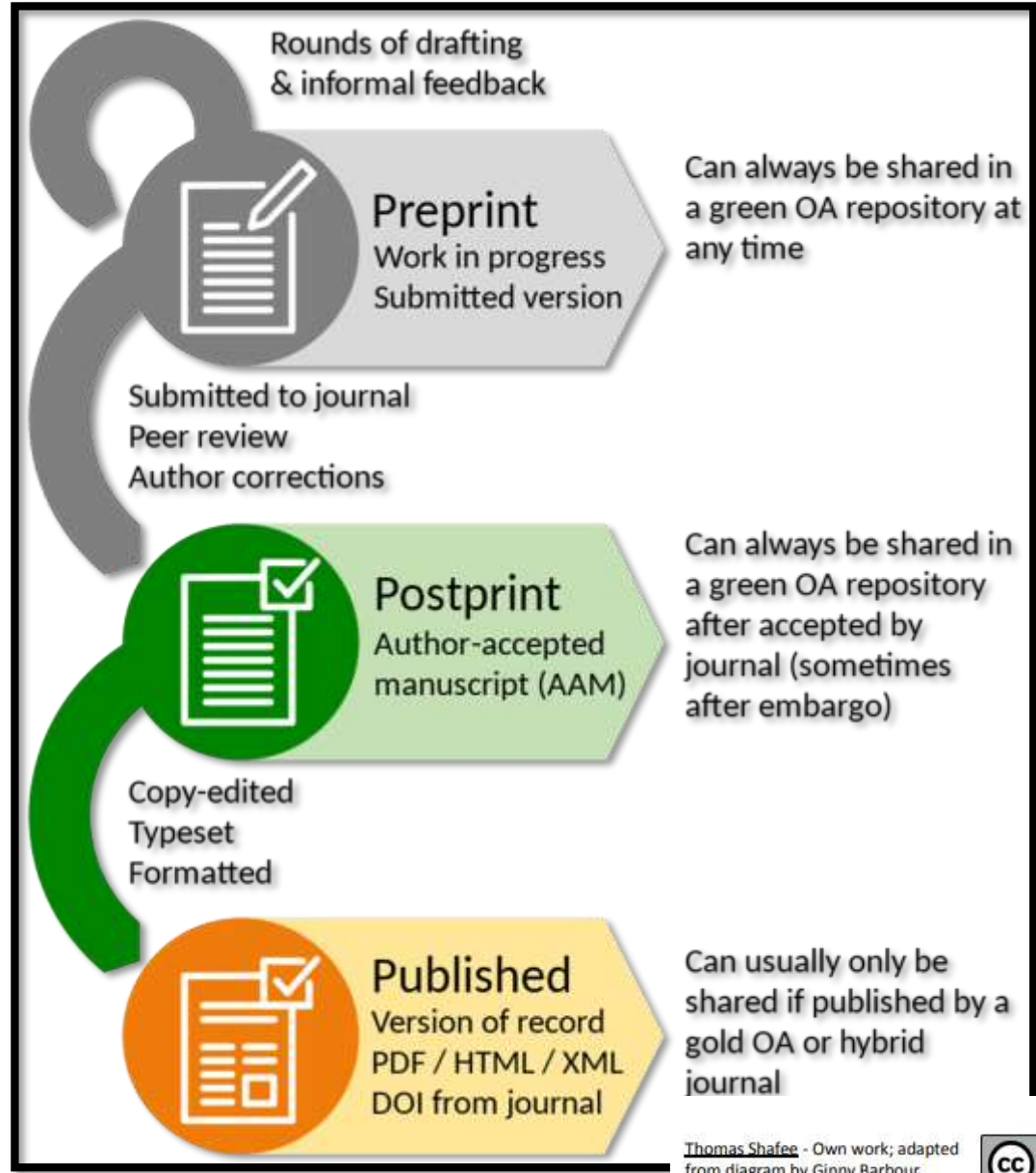


Publish the pre-print of your article: before it has been submitted to a journal and peer-reviewed (*)



Consider choosing a **different journal** to submit to, if possible

(*) Check Sherpa/ROME0 for an overview of pre-print and post-print policies, as well as publishing licences and possible embargo periods imposed on post-print publishing.



Thomas Shafee - Own work; adapted from diagram by Ginny Barbour

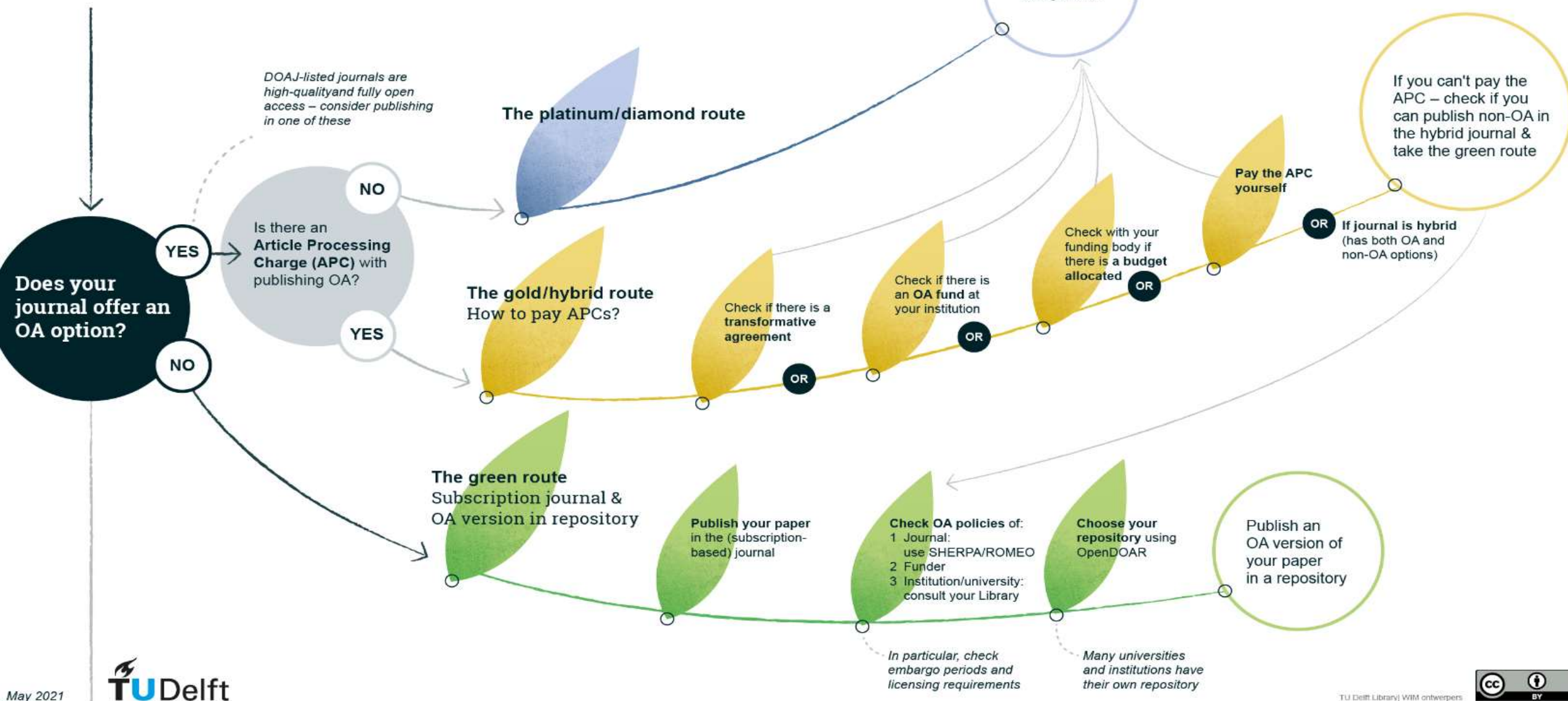


<https://en.wikipedia.org/wiki/Preprint>



How to publish your article Open Access (OA)?

Routes to open access publishing



GOLD OPEN ACCESS JOURNAL

1. Find an OA journal
2. Check the quality of the journal and OA policy
3. Check costs - APC (Article Processing Charge) or
4. Find nonAPC journal



Sherpa Juliet

Sherpa Romeo

EXAMPLE: DOAJ (Journal of Analytical Science and Technology)



Lee et al.
Journal of Analytical Science and Technology (2022) 13:31
<https://doi.org/10.1186/s40543-022-00340-7>

Journal of Analytical Science
and Technology

DOI persistent identifier

RESEARCH ARTICLE Open Access



Bioanalysis of alpelisib using liquid chromatography–tandem mass spectrometry and application to pharmacokinetic study

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ORCID Author persistent identifier

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4. Submitt the article
5. Your article is published in open access.

Sherpa Juliet

Sherpa Romeo

ELSEVIER

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[Elsevier's open access policies](#)

Example: Elsevier

Pricing

Price setting Publishing charges Subscription price

Transparent price setting

Elsevier publishes journal articles under two separate models to suit authors

All prices excluding taxes. Prices as of date: 12-Sep-2022

ISSN	Title	Business model	List price *			
			USD	EUR	GBP	JPY
1076-6332	Academic Radiology	Hybrid	3.320	2.910	2.600	356.790
0001-4575	Accident Analysis & Prevention	Hybrid	3.830	3.350	3.000	411.600
0361-3682	Accounting, Organizations and Society	Hybrid	3.680	3.220	2.890	395.480
0094-5765	Acta Astronautica	Hybrid	2.950	2.580	2.310	317.030
1742-7061	Acta Biomaterialia	Hybrid	3.000	2.630	2.350	322.400
0122-7262	Acta Colombiana de Cuidado Intensivo		2.000	1.740	1.570	214.930
1872-2032	Acta Ecologica Sinica	Hybrid	2.500	2.190	1.960	268.670
0065-1281	Acta Histochemica	Hybrid	2.860	2.500	2.240	307.360
1359-6454	Acta Materialia	Hybrid	3.000	2.630	2.350	322.400
1146-609X	Acta Oecologica	Hybrid	2.820	2.470	2.210	303.060
2173-5735	Acta Otorrinolaringologica (English Edition)	Hybrid	2.300	2.010	1.800	247.170
0001-6519	Acta Otorrinolaringologica Española	Hybrid	2.300	2.010	1.800	247.170
2211-3835	Acta Pharmaceutica Sinica B		**	**	**	**
0001-6918	Acta Psychologica	Open access	1.650	1.440	1.290	177.320
0001-706X	Acta Tropica	Hybrid	2.950	2.580	2.310	317.030
0001-7310	Actas Dermo-Sifiliográficas	Open access	**	**	**	**
1570-8705	Ad Hoc Networks	Hybrid	2.610	2.290	2.050	280.490
2772-3925	Addiction Neuroscience	Open access	2.500	2.190	1.960	268.670
0306-4603	Addictive Behaviors	Hybrid	3.940	3.450	3.090	423.420
2352-8532	Addictive Behaviors Reports	Open access	2.800	2.450	2.200	300.910
2214-8604	Additive Manufacturing	Hybrid	3.250	2.850	2.550	349.270
2772-3690	Additive Manufacturing Letters	Open access	1.250	1.090	980	134.330
0169-409X	Advanced Drug Delivery Reviews	Hybrid	5.150	4.510	4.040	553.460
1474-0346	Advanced Engineering Informatics	Hybrid	3.470	3.040	2.720	372.910
0921-8831	Advanced Powder Technology	Hybrid	2.800	2.450	2.200	300.910
2773-045X	Advanced Sensor and Energy Materials	Open access	1.600	1.400	1.260	171.950
0882-6110	Advances in Accounting	Hybrid	2.930	2.570	2.300	314.880
2666-7924	Advances in Applied Energy	Open access	3.600	3.150	2.820	386.880
0196-8858	Advances in Applied Mathematics	Hybrid	2.590	2.270	2.030	278.340
2773-1391	Advances in Bamboo Science	Open access	1.200	1.050	940	128.960
2212-4926	Advances in Biological Regulation	Hybrid	3.880	3.400	3.040	416.970
2667-3940	Advances in Cancer Biology - Metastasis	Open access	2.800	2.450	2.200	300.910
0001-8686	Advances in Colloid and Interface Science	Hybrid	4.850	4.250	3.810	521.210



Green open access (no OA) **(Copyright transfer to the publishers)**

Make sure to retain the right to:

- Reuse an article to be used in a book
 - Rewrite and adapt an article
- Distribute an article among colleagues
- Copy your article for teaching purposes
- Deposit the article (authorised version) in a repository as open access material



Example: Elsevier

Journal Embargo Finder

psychology -- Subject -- ISSN 12 Months

Search Clear search ×

Title	ISSN	Embargo Period
Biological Psychology ↗	0301-0511	12 months
Current Opinion in Psychology ↗	2352-250X	12 months
European Review of Applied Psychology ↗	1162-9088	12 months



Increasing your research visibility

- Tell people about your work
- Use different media for different purpose and audiences
- And become findable

Repository, Institutional /
Personal website

LinkedIn profile

ORCID, other Author
Profiles, Google Scholar

Twitter, Slideshare, etc.



Thank you

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