

Diamond Open Access

Researcher's Best Friend or just a Distant Relative?

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Background

- The costs of Open Access publishing increase year by year (e.g. Zhang et al. 2022).
- The Council of the EU highlights the importance of Diamond OA, and various incentives (Action Plan for Diamond Open Access, DIAMAS, and Craft-OA) are established to support the development of Diamond OA.
- However, do researchers really use Diamond OA publication venues?**

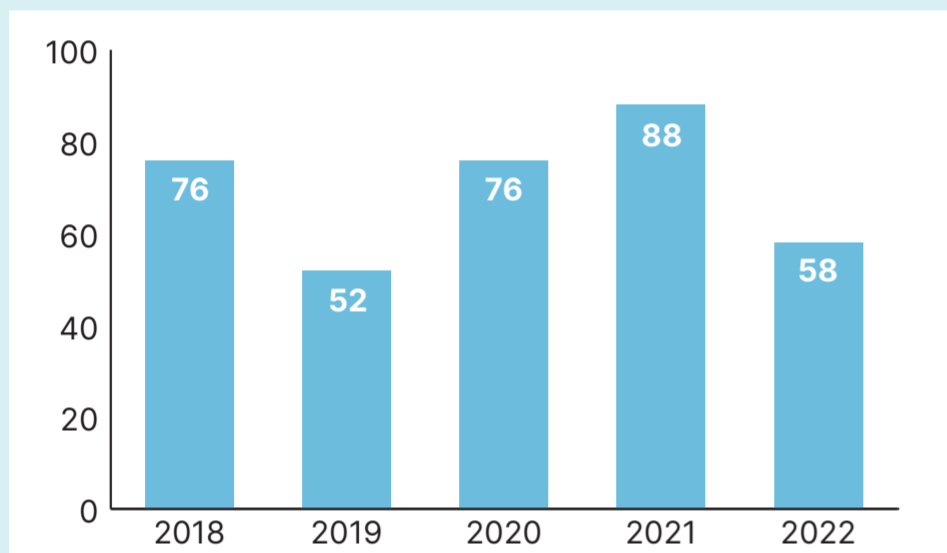
What did we do?

- Diamond OA journals were identified a) by ISSN matching of DOAJ indexed Diamond OA journals and ACRIS (Aalto Current Research Information System) journals and b) by reviewing the webpages of journals in which Aalto researchers had published Open Access without fees.
- Information on Diamond OA journals was added to ACRIS journal records.
- The analysis was limited to scientific peer-reviewed journal article publications in 2018-2022.

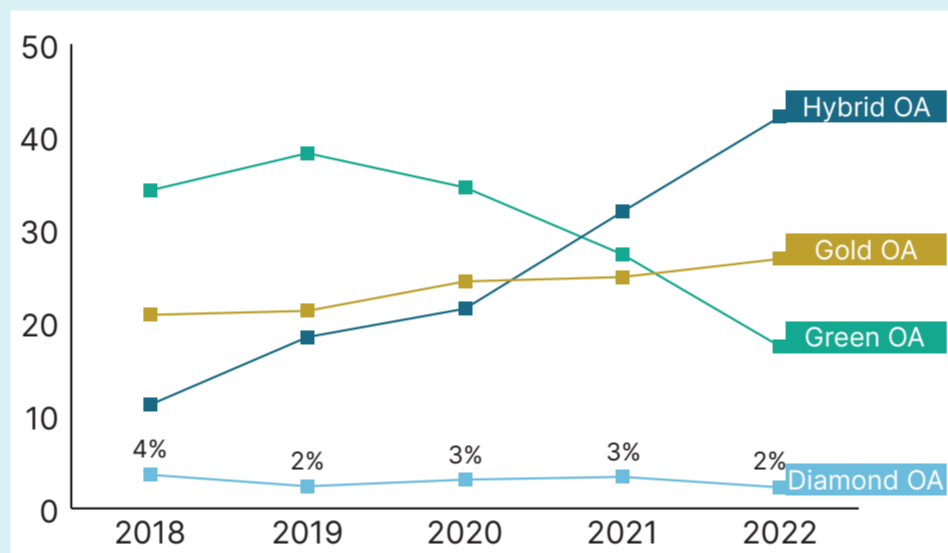
Limitations

- Only 1/3 of Diamond OA journals are indexed in DOAJ
- Information available on publisher/journal websites was not comprehensive
- Only journals that offer a license were marked as Diamond OA (DOAJ requires a CC license or equivalent), although license is not a prerequisite of Diamond OA

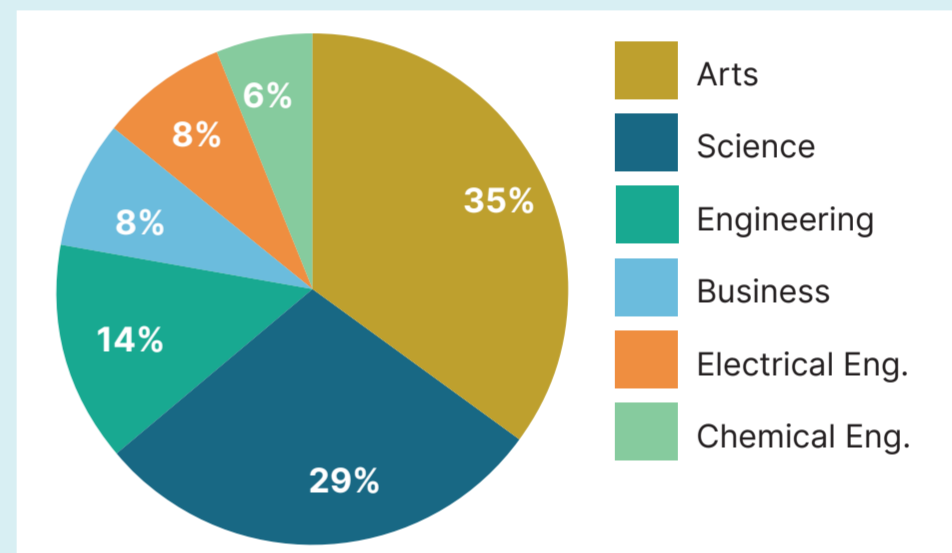
Number of peer-reviewed Diamond OA journal articles in Aalto University



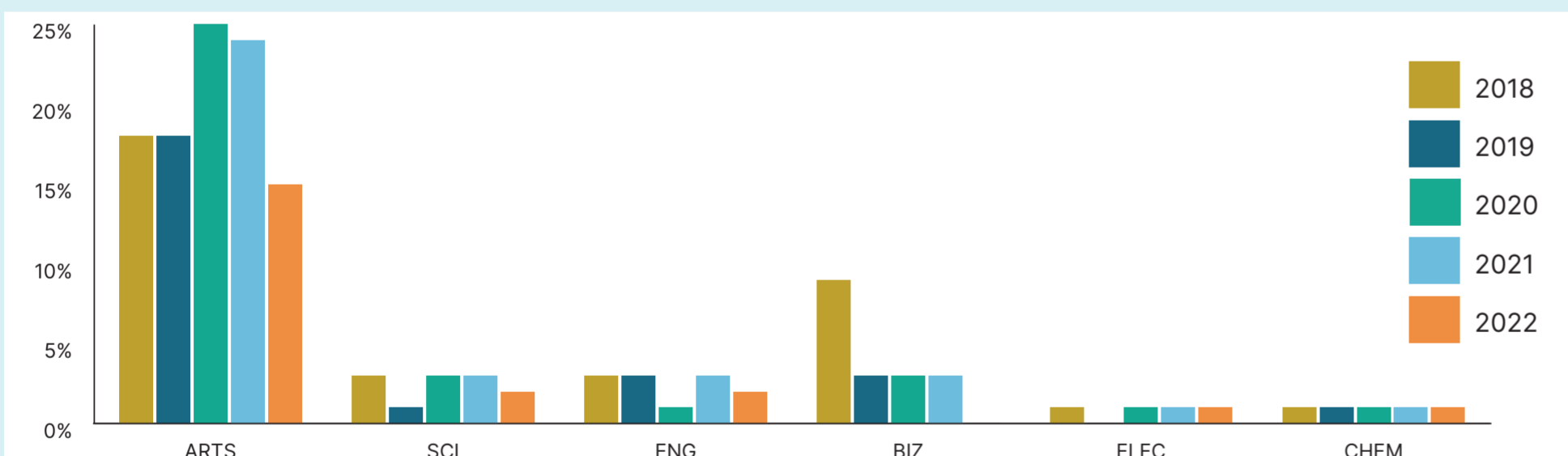
Open Access types of peer-reviewed journal articles in Aalto University



Share of Diamond OA articles in 2018-2022 by Aalto University school



Diamond OA share of all peer-reviewed journal articles in 2018-2022 by Aalto University school



Summary

- The total number and share of peer-reviewed Diamond OA articles in Aalto University in 2018-2022 is rather small in general – exception: The School of Arts, Design, and Architecture.
- Among different OA types, the share of Diamond OA is rather low.
- Most used Diamond OA journals and publishers include several Finnish journals and publishers.
- Topics of most published in journals also cover science and technology, not only social sciences and humanities.
- Most used journals are published mainly by universities and societies. However, also big publishers (Elsevier, Springer) appear among the most used publishers.

For now, Diamond OA is a distant relative for Aalto University researchers – except for the School of Arts, Design and Architecture, where it is a good friend already!



Top 10 Diamond OA journals in Aalto University in 2018-2022

- Research in Arts and Education
- Rakenteiden mekaniikka
- Finnish Journal of eHealth and eWelfare
- Technology Innovation Management Review
- Bayesian Analysis
- Journal of Machine Learning Research
- Ruukku Studies in Artistic Research
- Strategic Design Research Journal
- Beilstein Journal of Nanotechnology
- FormAkademisk

Top 10 Diamond OA publishers

- Aalto University ARTS
 - Rakenteiden Mekaniikan Seura
 - Carleton University
 - Finnish Social and Health Informatics Association
 - MIT Press
 - Elsevier
 - International Society for Bayesian Analysis
 - Springer
 - Uniarts Helsinki
 - IWA Publishing
 - Universidade do Vale do Rio dos Sinos
- Social Sciences and Humanities

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