# **SCHOLARLY PUBLISHING AND OPEN SCIENCE Support Services of TU Wien Bibliothek for Researchers**

Diana Wernisch, Magdalena Andrae, Paloma Marín Arraiza, Eva Schaudy TU Wien Bibliothek

#### **OPEN ACCESS POLICY**

Supports maximum visibility and accessibility of research results and publications at TU Wien and gives guidance on effective practices to follow in publication processes.

#### **PUBLICATION FUND**

Provides financial support for publishing journal articles open access, that is, to a worldwide readership, free of charge.

#### **TU WIEN ACADEMIC PRESS**

Supports maximum readership for book publications of TU Wien researchers through open access and additional print options for books.

#### **REPOSITUM – THE INSTITUTIONAL** REPOSITORY

TU Wien's infrastructure to deposit publications, make them citable using a URN, and available to a worldwide readership.

#### **RESEARCH DATA POLICY**

Recognizes the importance of the management of research data to maintain quality research and aims to support researchers in state-of-the-art handling of research data.

#### CONTRACTS WITH OPEN ACCESS COMPONENTS

PUBLISHER

Contracts with open access components are negotiated with publishers by TU Wien Bibliothek – researchers can publish open access in subscriptionbased journals.

#### **PERSISTENT IDENTIFIERS**

TU Wien Bibliothek facilitates TU researchers' access to and use of persistent identifiers such as URN, DOI, and ORCID-iD.

#### **BIBLIOMETRICS, IMPACT, AND OPEN METRICS**

Metrics – traditional impact and open metrics – aim to assess the impact of scholarly outputs and can provide a pillar in research-related decisions.

#### OUR LIAISON LIBRARIANS SERVE AS THE FIRST POINT OF CONTACT FOR ADVICE AND INFORMATION ON OUR SERVICES

- Faculty of Architecture and Planning | Alexandra Haas
- Faculty of Civil Engineering | Leonhard Suchenwirth
- Faculty of Electrical Engineering and IT | Matthias Samonig
- Faculty of Informatics | Matthias Samonig
- Faculty of Mechanical and Industrial Engineering | Ingrid Bauer / Constantin Cazan
- **Faculty of Mathematics and Geoinformation | Heidi Maria Waldner**
- Faculty of Physics | Heidi Maria Waldner
- Faculty of Technical Chemistry | Ingrid Bauer

## **OPEN ACCESS PUBLICATION OF JOURNAL ARTICLES**

TU Wien Bibliothek supports open access (OA) publishing in various ways – from advice to infrastructure for OA publishing (journal hosting, self-archiving) to financing via the publication fund.

#### **PUBLICATION FUND AND GOLD OPEN ACCESS**

When an article is published gold open access, the final (peer-reviewed, edited, and layouted) version is made freely and permanently accessible electronically, immediately upon publication. TU Wien Bibliothek's publication fund supports several gold open access publishing options for researchers.

- **GOLD OPEN ACCESS JOURNALS:** In OA journals the rights of use and exploitation fully remain with the authors. The Directory of Open Access Journals (DOAJ; www.doaj.org) lists publication venues that fully correspond with OA principles.
- **PUBLISHER CONTRACTS WITH OPEN ACCESS COMPONENTS:** With several large publishers (e.g., Springer, Wiley) TU Wien Bibliothek negotiates contracts that include open-access components: These usually allow TU Wien researchers to make their articles in subscription-based journals available open access to a worldwide readership.

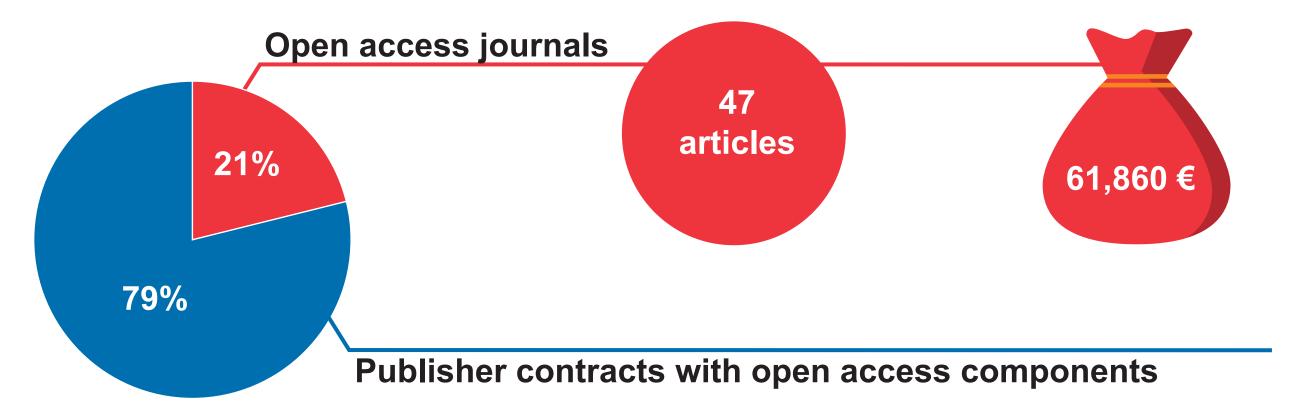
#### **REPOSITUM AND GREEN OPEN ACCESS THROUGH SELF-ARCHIVING**

Green open access refers to the secondary, open access publication of scholarly work that has already been peer-reviewed and published in a journal. This is also referred to as self-archiving.

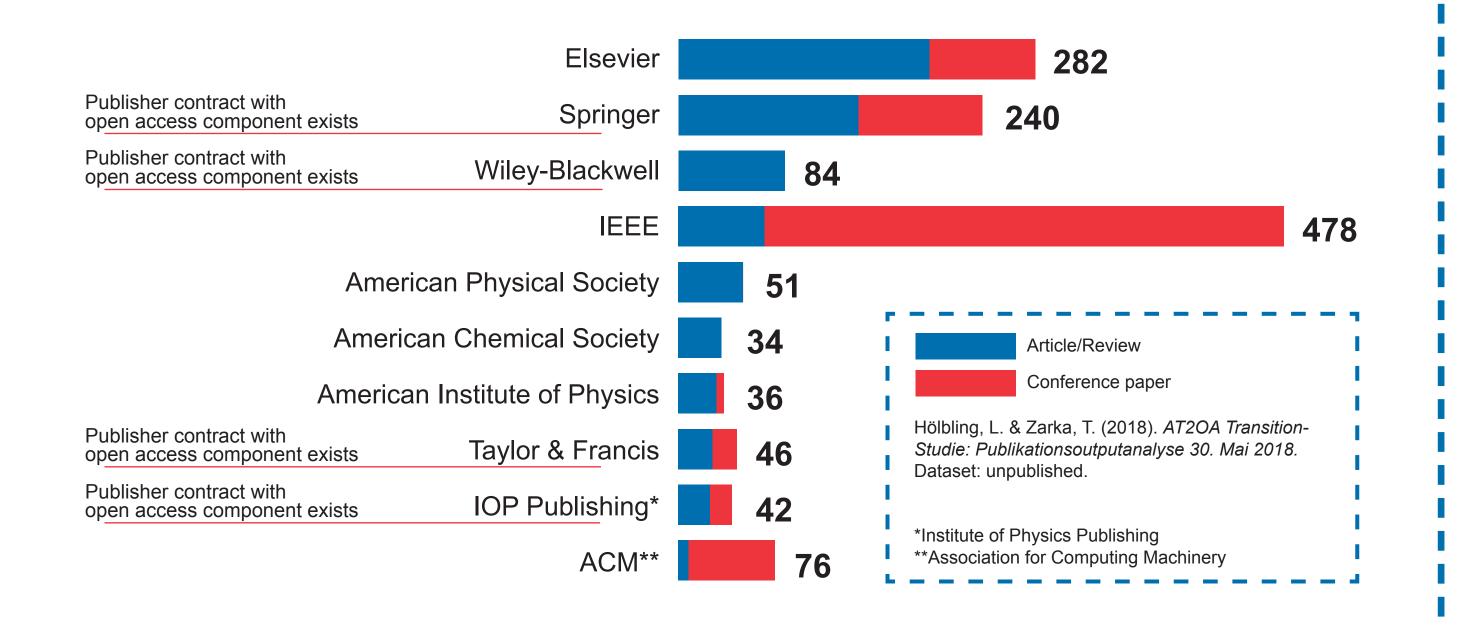
For self-archiving, TU Wien researchers can use the document server 'reposiTUm'.

#### **IS SELF-ARCHIVING ALLOWED?**





#### **TOP 10 PUBLISHERS FOR TU WIEN RESEARCH ARTICLES 2016**



This depends on the journal's policy. Before self-archiving your scholarly work, you should therefore check the journal's terms – look for keywords like self-archiving, embargo, manuscript version, preprint, or postprint.

The information is usually found (a) in your author contract, (b) on the journal's website, or (c) by using the SHERPA/RoMEO platform which collects publisher's policies on copyright and self-archiving.

YOUR SPECIALISTS AT TU WIEN BIBLIOTHEK: Magdalena Andrae (magdalena.andrae@tuwien.ac.at) Ingrid Haas (ingrid.haas@tuwien.ac.at)





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## **OPEN ACCESS BOOKS**

TU Wien Bibliothek supports the open access (OA) publication of journal articles and books in various ways. TU Wien Academic Press is the support service provided by TU Wien Bibliothek for open access book publications, professionally produced and disseminated. TU Wien Academic Press covers the complete disciplinary range of TU Wien and supports authors and editors in publishing their books or book series.

#### Peer review for each book

Professional ebook, free of charge to authors based at TU Wien

## **A** CAN OPEN ACCESS BOOK PUBLISHING 'PAY OFF' FOR THE AUTHOR?

Recent studies indicate that OA publishing and optional print publishing can support maximum visibility and readership of books:

- A professional electronic book publication that is freely available on the internet (OA ebook), increases the findability, visibility, and use of the book<sup>1</sup>.
- The availability of an OA ebook does not have negative effects on the sales of an additional print edition of the book<sup>1</sup>.
- In a four-year period, OA ebooks are cited 50% more frequently than books not freely available<sup>2</sup>.

<sup>[1]</sup>Emery, C., Lucraft, M., Morka, A., & Pyne, R. (2017). *The OA effect: How does open access affect the usage of scholarly books?*. Retrieved from https://media. springernature.com/full/springer-cms/rest/v1/content/15176744/data/v3

<sup>[2]</sup> Ferwerda, E. et al. (2018). OAPEN-CH – The impact of open access on scientific monographs in Switzerland. Bern, Switzerland: Swiss National Science Foundation. doi:10.5281/zenodo.1220607

YOUR SPECIALIST AT TU WIEN BIBLIOTHEK:

Silvia Ziemkendorf (silvia.ziemkendorf@tuwien.ac.at)

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## **PERSISTENT IDENTIFIERS**

Persistent identifiers (PIDs) name digital objects and people uniquely. When a persistent identifier is resolved, information unique to the object and its identification is provided, avoiding 'broken links' and 'HTTP 404 errors'.

AND DIGITAL OBJECT IDENTIFIER (DOI)?

# WHAT IF AN IDENTIFIER IS NEEDED FOR A RESEARCHER AND NOT FOR DATA?

In this case, you can choose ORCID iD. ORCID iD identifies academic authors and contributors uniquely.

Both URN and DOI are systems that make electronic resources uniquely identifiable; they are similar but based on different schemes. A DOI is often used for citable scholarly records such as journal articles and processed datasets, while URNs are often used for the (open access) publication of theses, dissertations, raw datasets, or other scholarly work.

### A WHAT DOES A DOI DO FOR YOUR PUBLICATIONS AND DATA?

- It makes your publications and data citable.
- > It guarantees the long-time preservation, access, and findability.
- It provides, at least, six metadata fields. This means it specifies the locator (URL), the title, the creators, the publishers, the publication year, and the type of resource.

## A WHY IS ORCID ID USEFUL FOR RESEARCHERS?

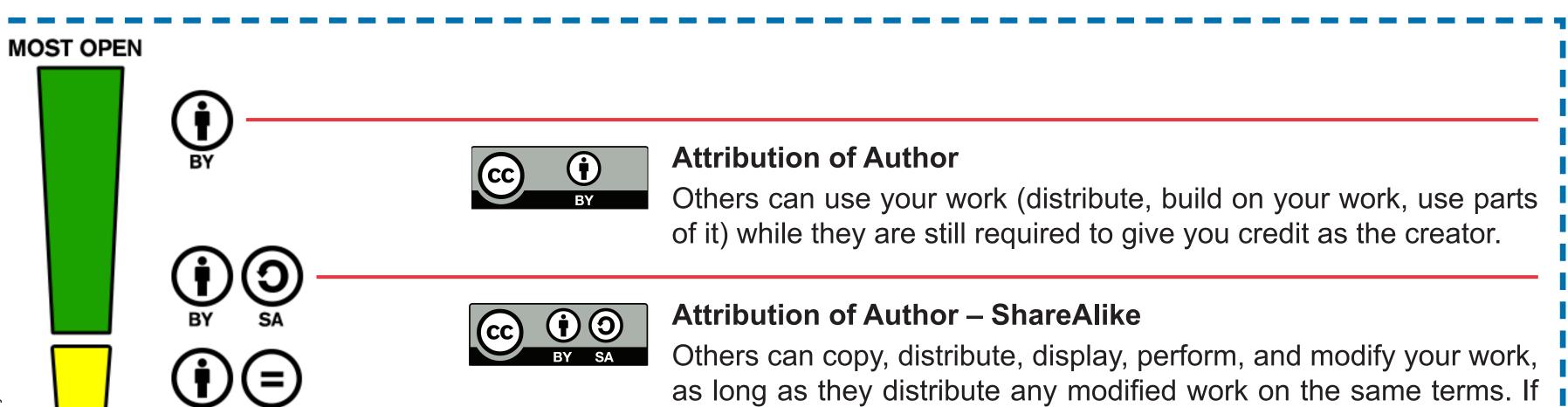
- > It disambiguates names, giving direct credit to the author.
- > It facilitates data import for applications (e.g., grant proposal or data management plans).
- It connects with academic databases (WoS, Scopus, etc.) and publications archived in Zenodo or Figshare.
- It allows data privacy control.
- > It generates a QR-Code (great for posters or conference papers and networking).



## **CREATIVE COMMONS LICENSES**

## **C**reative Commons

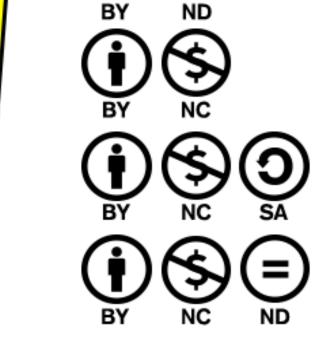
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YOUR SPECIALIST AT TU WIEN BIBLIOTHEK:

Magdalena Andrae (magdalena.andrae@tuwien.ac.at)



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