

# University of Belgrade Open Science Monitor Institutional Dashboard

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University of Belgrade

*GraspOS 8<sup>th</sup> Community of Practice: Monitoring Open Science at university level for research assessment, January 22<sup>nd</sup>, 2025*

# National Policy - December, 2024

- Adopted after 2 years of discussions:
  - mandate DMPs (Data Management Plans) for publicly-funded research projects,
  - use of digital identifiers (DOIs for publications; ORCID iDs for authors),
  - it recommends the adoption of best practices relating to free and open-source software and hardware created during the research process,
  - transparent access to research infrastructure and open science training.

[document in English](#)

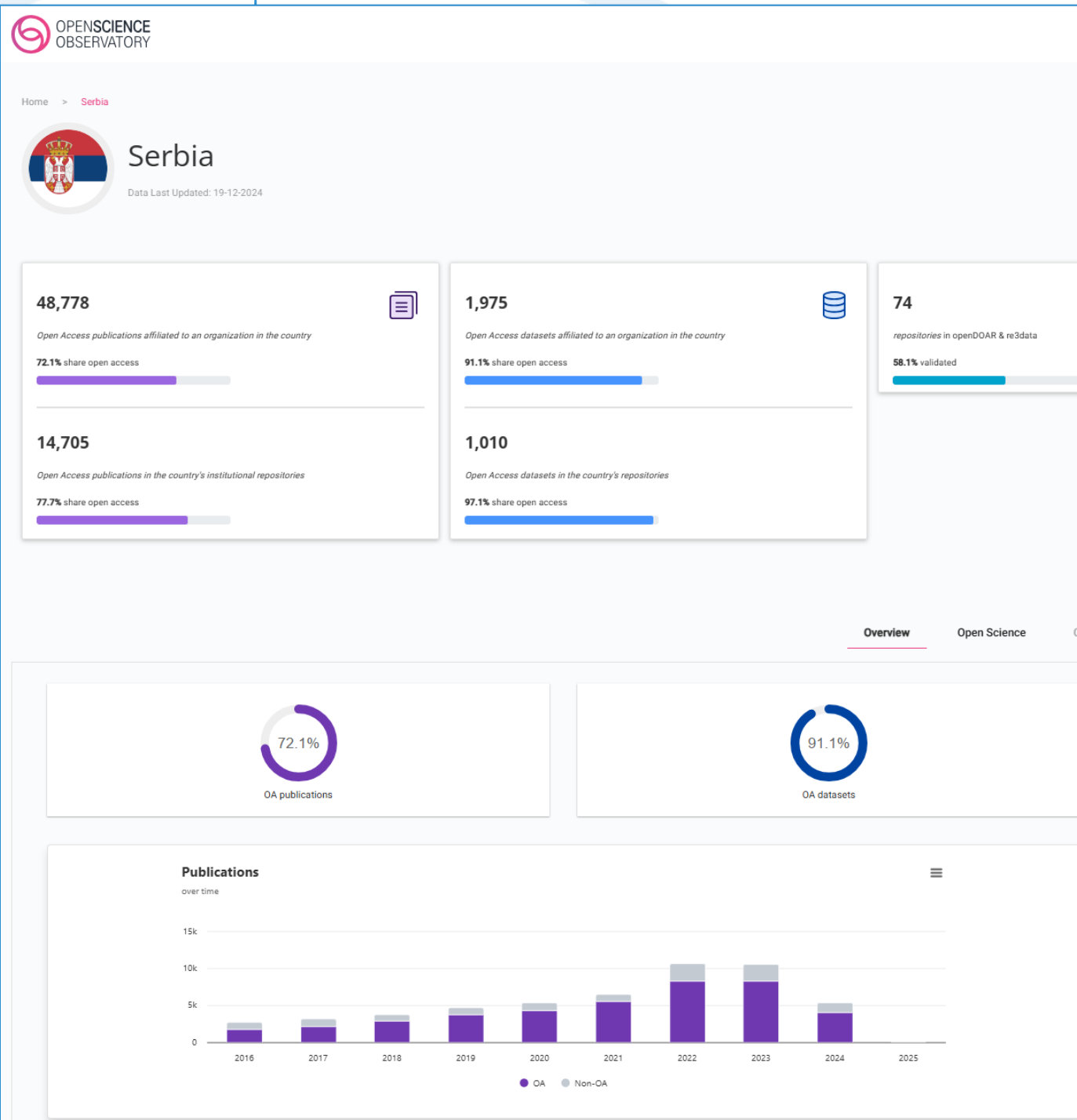
# National Policy - December, 2024

## Rewards for Open Science Practices

The Ministry will define mechanisms for **rewarding** researchers who consistently follow the principles of open science through publishing research data, software and hardware in open access, pre-registration of research, pre-prints, open peer review, citizen science projects, development of free and open-source software and open hardware, open materials, etc. **Institutions should encourage and reward open science practices as far as their resources allow**

<https://osobservatory.openaire.eu/country/RS/overview>

# Open Science Observatory – OpenAIRE



# Currently 23 repository at the University of Belgrade



## RIFDT

Univerzitet u Beogradu,  
Institut za filozofiju i  
društvenu teoriju



## RADAR

Univerzitet u Beogradu,  
Institut za biološka  
istraživanja "Siniša  
Stanković"



## VINAR

Univerzitet u Beogradu,  
Institut za nuklearne  
nauke Vinča



## CHERRY

Univerzitet u Beogradu,  
Hemijski fakultet



## CER

Univerzitet u Beogradu,  
IHTM



## GRAFAR

Univerzitet u Beogradu,  
Građevinski fakultet



## FARFAR

Univerzitet u Beogradu,  
Farmaceutski fakultet



## RAF

Univerzitet u Beogradu,  
Arhitektonski fakultet



## RHINOSEC

Univerzitet u Beogradu,  
Fakultet bezbednosti



## VETERINAR

Univerzitet u Beogradu,  
Fakultet veterinarske  
medicine



## SMILE

Univerzitet u Beogradu,  
Stomatološki fakultet



## AGROSPACE

Univerzitet u Beogradu,  
Poljoprivredni fakultet

## TECHNOREP

 Univerzitet u Beogradu,  
TMF


## RFPN

 Univerzitet u Beogradu,  
Fakultet političkih nauka


## RFASPER

 Univerzitet u Beogradu,  
Fakultet za specijalnu  
edukaciju i rehabilitaciju


## GERY

 Univerzitet u Beogradu,  
Geografski fakultet


## REFF

 1838  
Univerzitet u Beogradu,  
Filozofski fakultet

## MACHINERY

 Univerzitet u Beogradu,  
Mašinski fakultet

## RFOS

 Univerzitet u Beogradu,  
Fakultet organizacionih  
nauka


## REPFF

 Univerzitet u Beogradu,  
Filološki fakultet


## RPBF

 Univerzitet u Beogradu,  
Pravoslavni bogoslovski  
fakultet

## RALF

 Univerzitet u Beogradu,  
Pravni fakultet

## OMORIKA

 Univerzitet u Beogradu,  
Sumarski fakultet


# Cherry institutional repository at the University of Belgrade - Faculty of Chemistry

Document Type
Article (3707)
Conference object (781)
Dataset (694)
Bachelor Thesis (352)
Master Thesis (282)
Doctoral thesis (219)
Book part (64)
Other (44)
Contribution To Periodical (41)
Lecture (8)

Subject
Cytotoxicity (75)
DFT (60)
Antimicrobial activity (58)
Antioxidant activity (55)
sinteza (52)

Version
Published version (6370)
Accepted Version (314)





**Green OA**

Self-archiving in compliance with publisher's policy

Embargo



Access
Restricted Access (3367)
Open Access (2944)
<u>Embargoed Access (309)</u>

**\* the data of the repository can be easily exported through application >>>**

# Faculty of Chemistry as a Pilot

*...involved in the piloting activities from the perspective of the chemistry research community*

## Reward open science practices:

- Develop an assessment protocol for in-departmental career assessment.
- Enrich a researcher Openness Profile as an add-on to the local repository. → <https://cherry.chem.bg.ac.rs/APP/>
- Integrate information from [OpenAIRE Monitor](#), [BIP! Scholar](#) and [OpenCitations](#) to the local researcher dashboard.
- Evaluate indicators and metrics on how they can improve researcher career assessment. → Enhancing the institutional Rulebook on Open Science ([https://hdl.handle.net/21.15107/rcub\\_cherry\\_5991](https://hdl.handle.net/21.15107/rcub_cherry_5991))

Establishing **badges** for researchers

Establishing **badges** for groups of researchers (departments)

Establishing **badges** for participation in OS seminars conducted by a librarian





# Cherry's external application APP – making the story come true

cherry.chem.bg.ac.rs/APP/

APP Authors Projects Publications

## Authors

search... 1 - 30 / 7449

Authority Key	Name Variants
orcid::0000-0003-2559-5234	• Ćirković-Veličković, Tanja (350)
orcid::0000-0001-7060-9055	• Tešević, Vele (308)
orcid::0000-0002-6067-2349	• Zarić, Snežana D. (290)
orcid::0000-0001-7465-1373	• Stanković, Dalibor (256)
orcid::0000-0001-6274-4222	• Milojković-Opsenica, Dušanka (237)
orcid::0000-0002-5162-3123	• Tešić, Živoslav Lj. (228)
orcid::0000-0003-1388-6245	• Manojlović, Dragan D. (228)
orcid::0000-0002-6372-4706	• Beškoski, Vladimir (205)
orcid::0000-0002-8591-4391	• Gavrović-Jankulović, Marija (169)

**Badges to acknowledge Open Practices**

- **Authors**
- **Departments**
- **Courses**

example:

- restrictedAccess (3380)
- openAccess (3020)
- embargoedAccess (309)



<https://help.osf.io/article/452-open-practice-badges>

Frontiers in Plant S... | View all 4 versions | Link to | Share | Cite | Claim

## the significance of reactive oxygen species and antioxidant defense system in plants a concise overview

Publication >> Journal, Article • 06 Jan 2021 • Serbia •

Publisher: Frontiers Media SA • Journal: Frontiers in Plant Science, volume 11 (eissn: 1664-462X, Copyright policy)

Authors: Jelena Dumanović; Jelena Dumanović; Eugenie Nepovimova; Maja Natić; Kamil Kuča; Vesna Jačević; Vesna Jačević; +1 Authors

DOI: 10.3389/fpls.2020.552969 | PMID: 33488637 | PMC: PMC7815643

Summary | Subjects | Related research (1) | Metrics

### Abstract

In plants, there is a complex and multilevel network of the antioxidative system (AOS) operating to counteract harmful reactive species (RS), the foremost important of which are reactive oxygen species (ROS), and maintain homeostasis within the cell. Specific AOSs for plant cells are, first and foremost, enzymes of the glutathione-ascorbate cycle (Asc-GSH), followed by phenolic compounds and lipophilic antioxidants like carotenoids and tocopherols. Evidence that plant cells have excellent antioxidative defense systems is their ability to survive at H<sub>2</sub>O<sub>2</sub> concentrations incompatible with animal cell life. For the survival of stressed plants, it is of particular importance that AOS cooperate and participate in redox reactions, therefore,

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Citations 488  
Popularity TOP 0.1%  
Influence TOP 1%  
Impulse TOP 0.01%

Green Gold

Fields of Science (3) View all >  
medical and health sciences  
basic medicine

Overview

Funding

Research Output

Publications

Datasets

Software

Other Research Products

Open Science

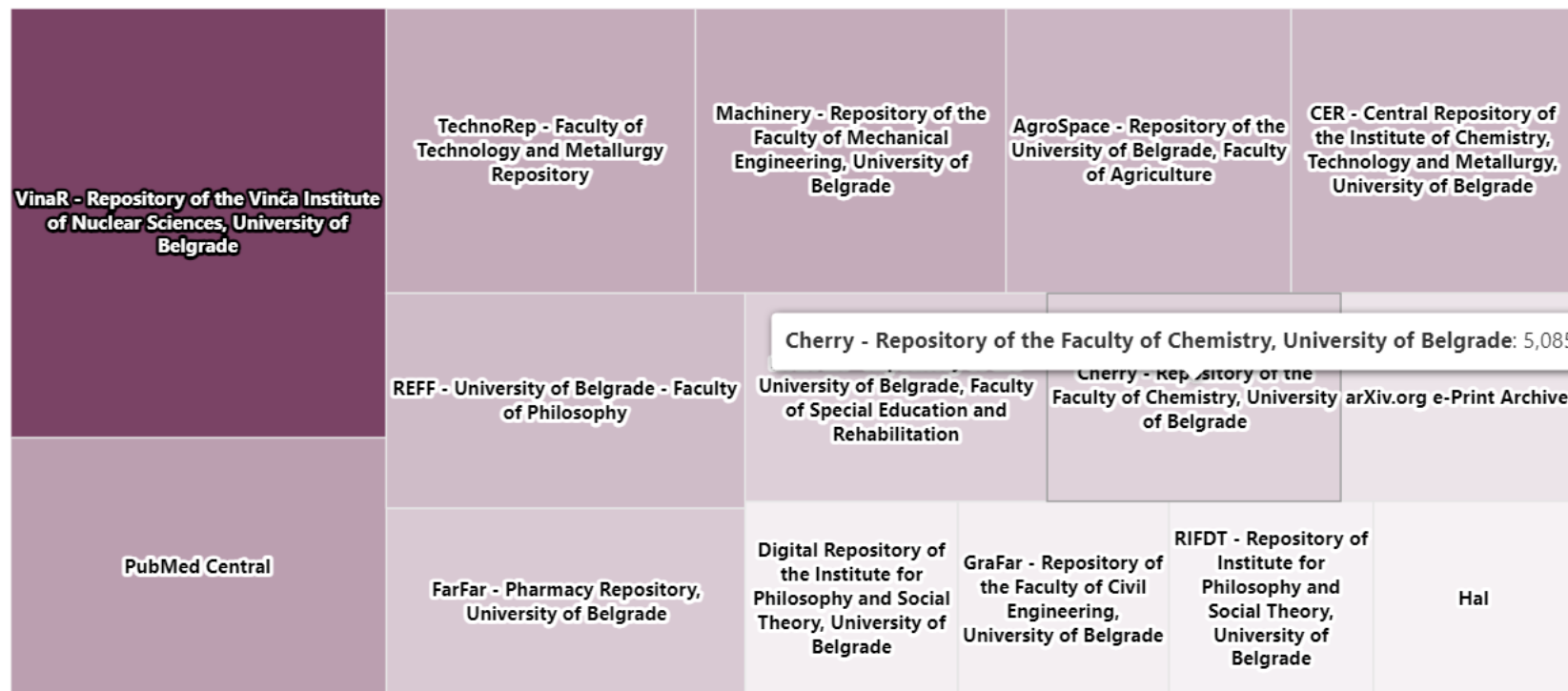
Collaborations

ALL

PEER-REVIEWED

### Top 15 Data Sources

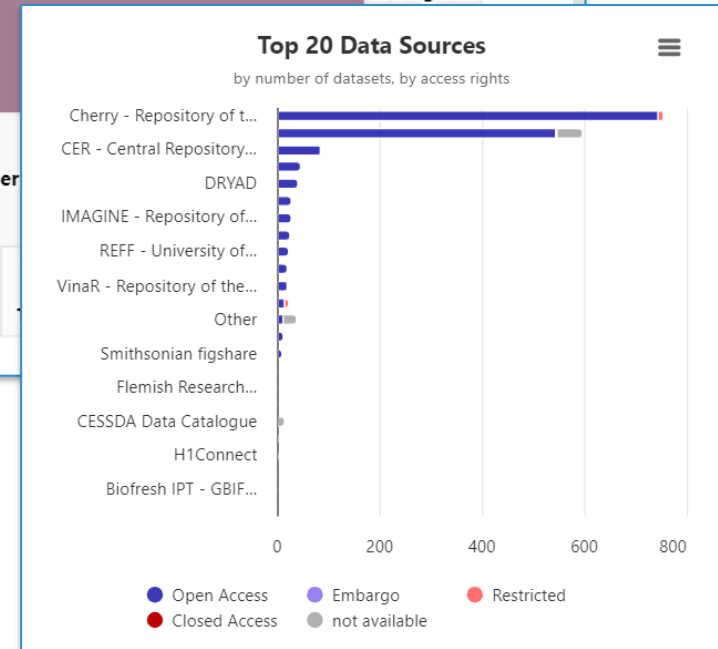
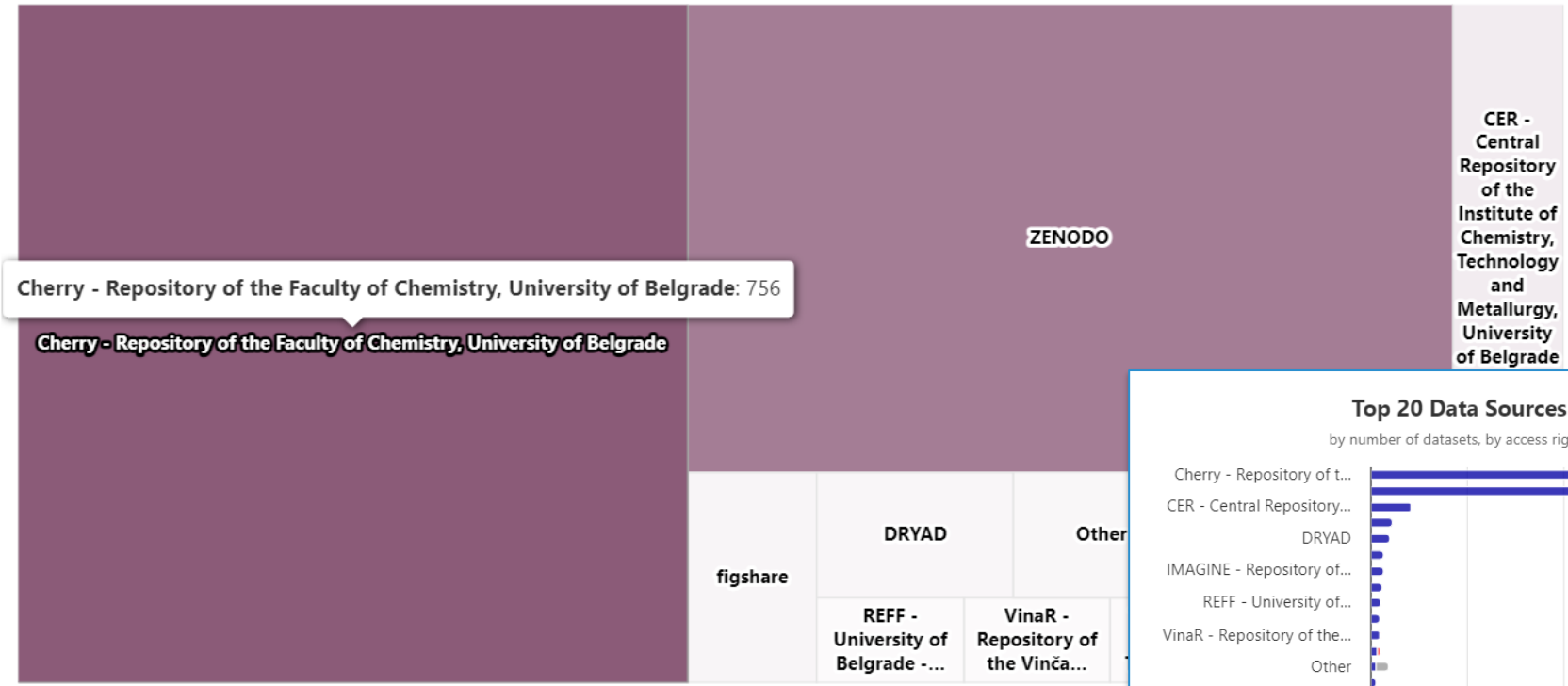
by number of publications



- Overview
- Funding
- Research Output**
  - Publications
  - Datasets**
  - Software
  - Other Research Products
- Open Science
- Collaborations

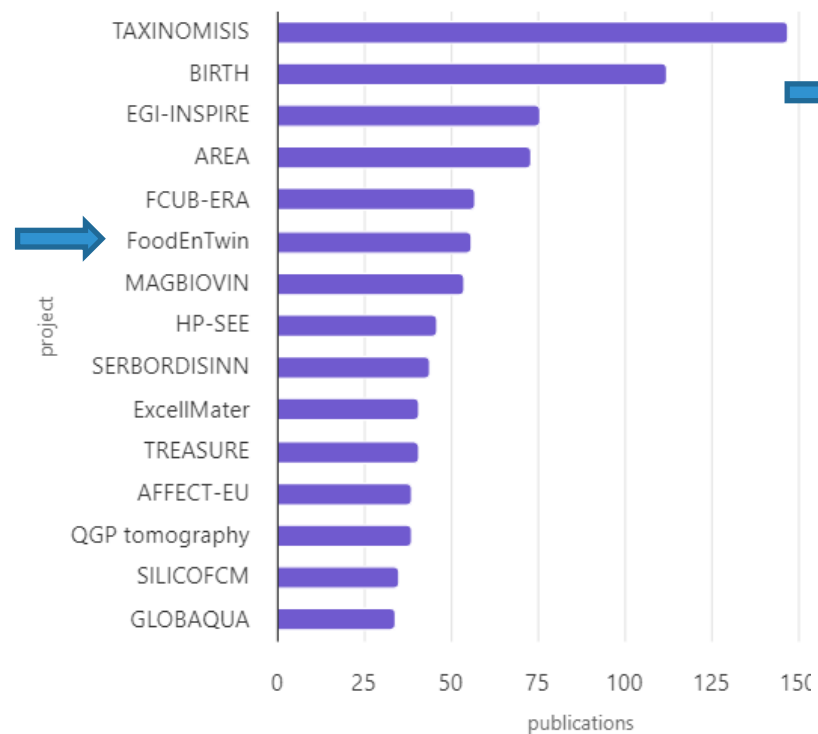
### Top 15 Data Sources

by number of datasets



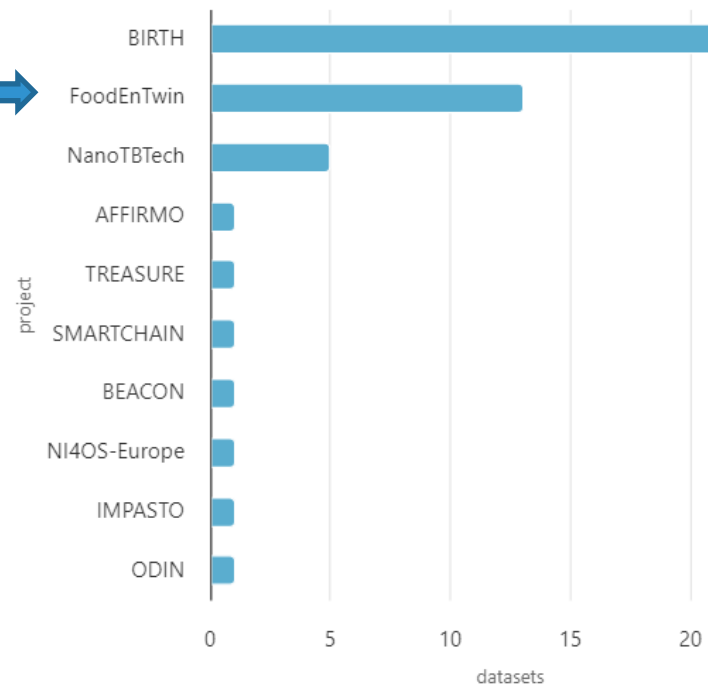
### Top Projects

# peer-reviewed publications



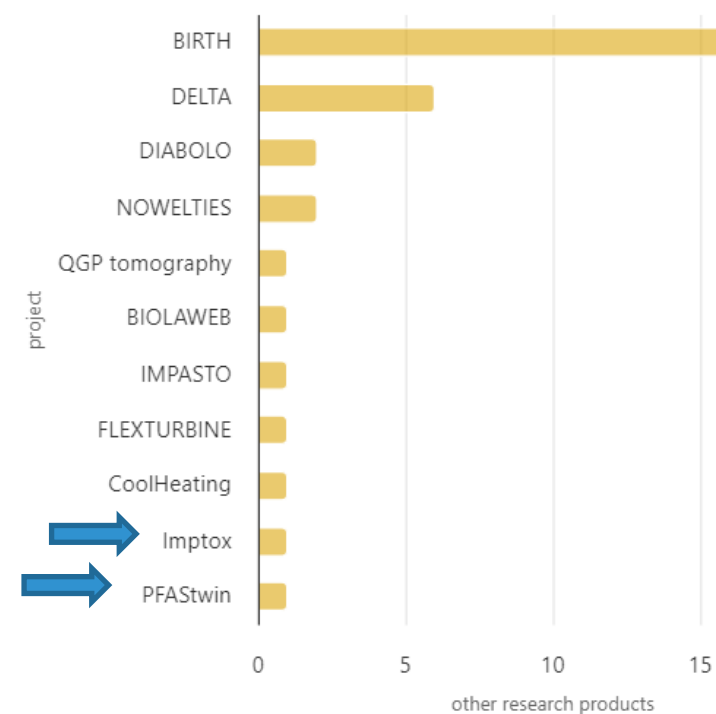
### Top Projects

by # datasets



### Top Projects

by # other research products



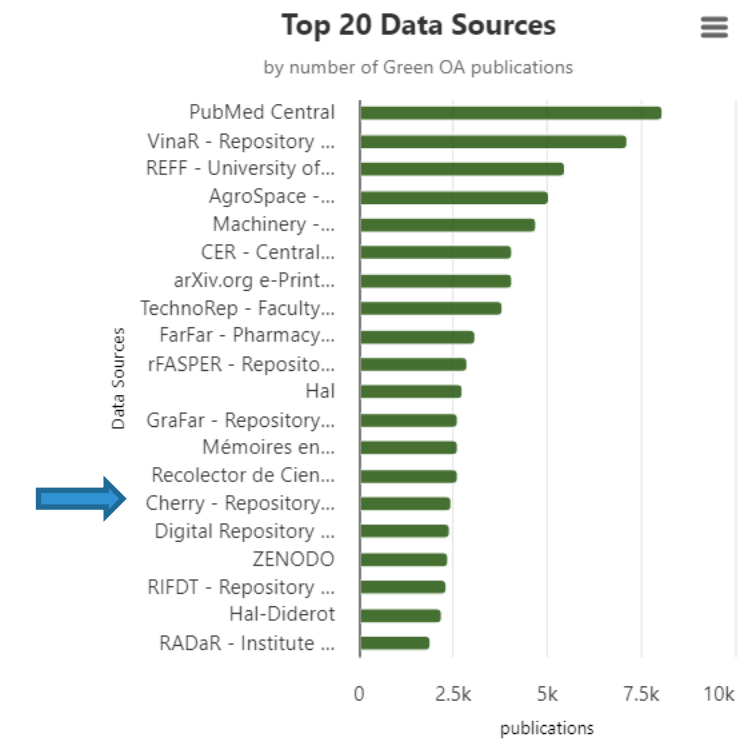
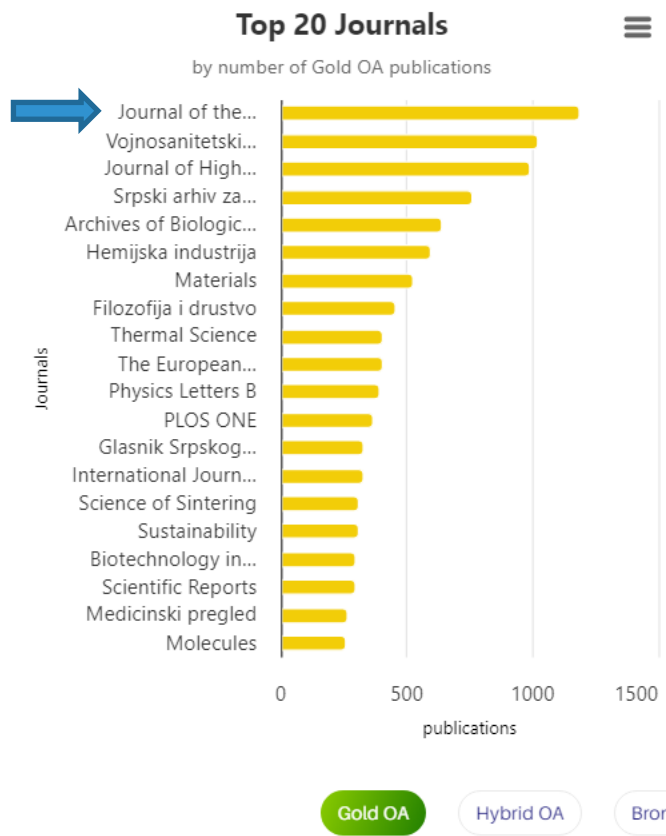
- ≡ Overview
- ↶ Funding
- ↷ Research Output
- ✦ **Open Science**
- Composite
- Publications
- Datasets
- Software
- ⋮ Collaborations

OPEN ACCESS

JOURNAL BUSINESS MODELS

ARTICLE PROCESSING CHARGES (APCS)

FAIRNESS



Let's make it happen! Together.

# THANK YOU

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 graspos  
open research assessment dataspace