

Scientific integrity at the University of Belgrade – Faculty of Chemistry, in the context of responsible research assessment

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Faculty of Chemistry in a nutshell for GraspOS



Next Generation
Research
Assessment to
Promote Open
Science

- GraspOS brings an interdisciplinary team of 18 partners
- 9 Pilots on Open Science-aware Responsible Research Assessment
- Support the emerging policy reforms
- Pave the way towards an Open Science aware Responsible Research Assessment system



graspOS

Cherry institutional repository

The screenshot shows the homepage of the Cherry institutional repository. At the top, there is a blue header with the University of Belgrade logo and the text 'Faculty of Chemistry Repository - Cherry' and 'University of Belgrade - Faculty of Chemistry'. A search bar and 'English' and 'Login' buttons are also present. Below the header, there is a 'Cherry Repository' section with a description of the repository and a 'User Manual' link. To the right, there is a search bar and a 'LISTED BY:' section with a dropdown menu currently set to 'All of DSpace'. Below this, there is a 'Year published' section with a list of years and their corresponding document counts.

Year published	Count
2020 - 2024	2052
2010 - 2019	3174
2000 - 2009	803
1990 - 1999	164
1982 - 1989	13

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 (5896)
Accepted Version (301)

Access
Restricted Access (3154)
Open Access (2649)
Embargoed Access (296)

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

Cherry's external application APP



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

Cherry's external application APP

APP Authors **Projects** Publications


Projects





search... ← 1 - 30 / 1578 →

Project ID	Project Title
info:eu-repo/grantAgreement/MESTD/inst-2020/200168/RS// (680)	Ministarstvo prosvete, nauke i tehnološkog razvoja Republike Srbije, Ugovor br. 451-03-68/2020-14/200168 (Univerzitet u Beogradu, Hemijski fakultet)
info:eu-repo/grantAgreement/MESTD/inst-2020/200026/RS// (274)	Ministarstvo prosvete, nauke i tehnološkog razvoja Republike Srbije, Ugovor br. 451-03-68/2020-14/200026 (Univerzitet u Beogradu, Institut za hemiju, tehnologiju i metalurgiju - IHTM)
info:eu-repo/grantAgreement/MESTD/Basic Research (BR or ON)/172035/RS// (259)	Рационални дизајн и синтеза биолошки активних и координационих једињења и функционалних материјала, релевантних у (био)нанотехнологији
info:eu-repo/grantAgreement/MESTD/Basic Research (BR or ON)/172017/RS// (257)	Корелација структуре и особина природних и синтетичких молекула и њихових комплекса са металима
info:eu-repo/grantAgreement/MESTD/inst-2020/200288/RS// (242)	Ministarstvo prosvete, nauke i tehnološkog razvoja Republike Srbije, Ugovor br. 451-03-68/2020-14/200288 (Inovacioni centar Hemijskog fakulteta u Beogradu doo)
info:eu-repo/grantAgreement/MESTD/Basic Research (BR or ON)/172053/RS// (176)	Биоактивни природни производи самониклих, гајених и јестивих биљака: одређивање структура и активности
info:eu-repo/grantAgreement/MESTD/Basic Research (BR or ON)/172055/RS// (171)	Интеракције природних производа, њихових деривата и комплексних једињења са протеинима и нуклеинским киселинама
info:eu-repo/grantAgreement/EC/FP7/256716/EU// (168)	Reinforcement of the Faculty of Chemistry, University of Belgrade, towards becoming a Center of Excellence in the region of WB for Molecular Biotechnology and Food research


APP Authors Projects Publications

OpenCitations

 ← 1 - 25 / 2720 →

<p>Assessment of heavy metal pollutants accumulation in the Tisza river sediments</p> <p>Sakan, Sanja M.; Đorđević, Dragana S.; Manojlović, Dragan D.; Predrag, Polić S.</p> <p>(Academic Press Ltd- Elsevier Science Ltd, London, 2009)</p>		302
<p>Microfluidic Generation of Monodisperse, Structurally Homogeneous Alginate Microgels for Cell Encapsulation and 3D Cell Culture</p> <p>Utech, Stefanie; Prodanović, Radivoje; Mao, Angelo S.; Ostafe, Raluca; Mooney, David J.; Weitz, David A.</p> <p>(Wiley-Blackwell, Hoboken, 2015)</p>		253
<p>Electrochemical Behavior and antioxidant and prooxidant activity of natural phenolics</p> <p>Simic, Aleksandra; Manojlović, Dragan D.; Šegan, Dejan M.; Todorović, Marija B.</p> <p>(Molecular Diversity Preservation Int, Basel, 2007)</p>		248
<p>The Significance of Reactive Oxygen Species and Antioxidant Defense System in Plants: A Concise Overview</p> <p>Dumanović, Jelena; Nepovimova, Eugenie; Natić, Maja; Kuča, Kamil; Jačević, Vesna</p> <p>(Frontiers, 2021)</p>		240


 All Publications


 Altmetric

 Dimensions

 WOS

 Scopus

 OpenCitations

 Communities & Collections

Publication Year

2023 (52)

2022 (129)

2021 (169)

2020 (183)

Faculty of Chemistry as a Pilot

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

Goals & links to *GraspOS*:

- 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)

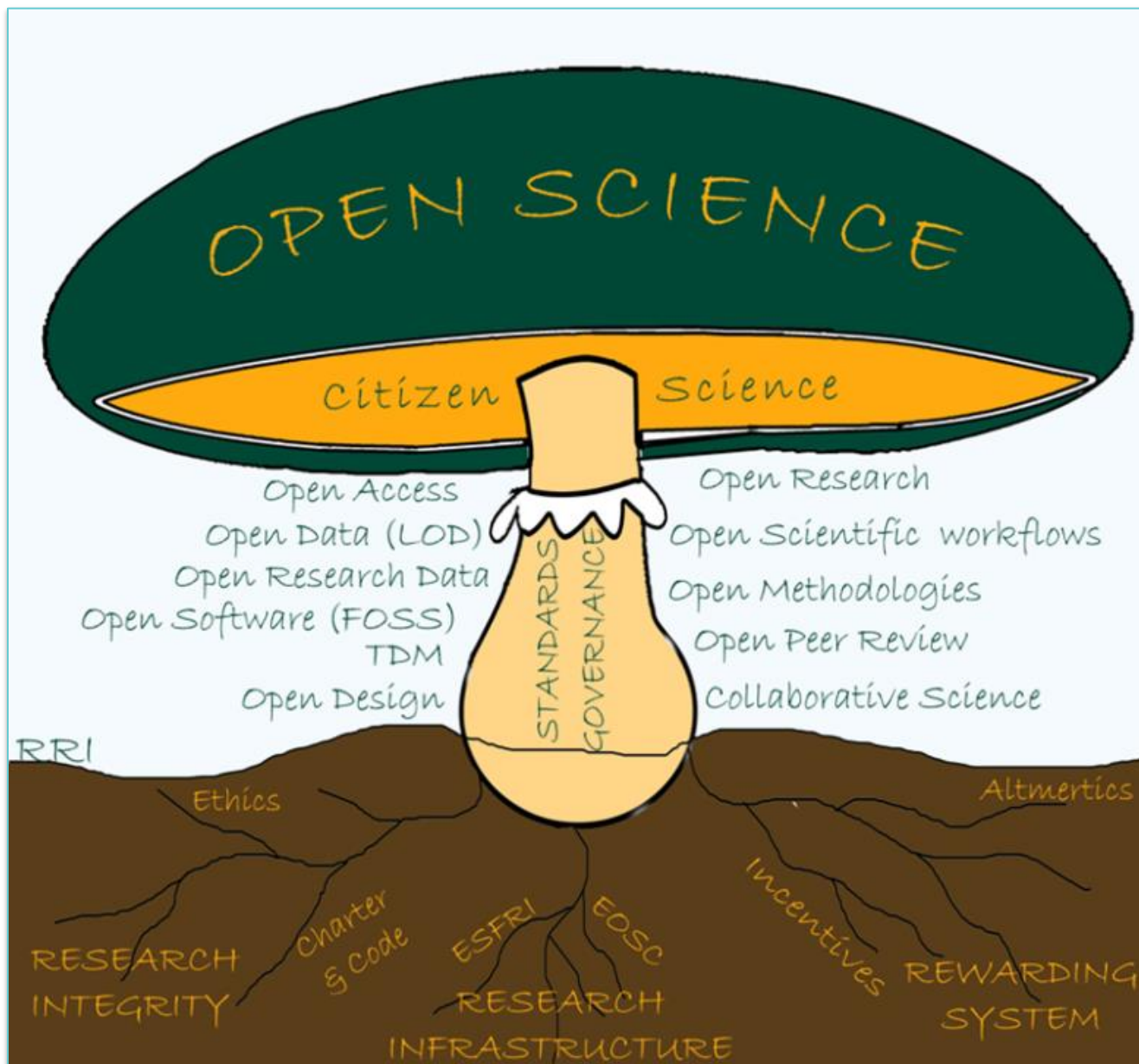
Establishing **badges** for researchers

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

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



Hanging together...



Source: OpenAire (based on Eva Méndez).

Sources:

1. Open Science and Responsible Research Assessment strategies at the University of Belgrade - Faculty of Chemistry, Provost, L. (Interview with Đorđević, A.) *GraspOS website*, April 2024 (in English). <https://graspos.eu/inside-stories-from-the-pilot-studies-open-science-and-responsible-research-assessment-strategies-at-the-university-of-belgrade-faculty-of-chemistry>
2. GraspOS – Responsible Research Assessment in a Good Open Science Practice, Đorđević, A., *Pozitron* (pages 60-61), August 2023 (in Serbian). https://hdl.handle.net/21.15107/rcub_cherry_5988
3. Scientific results are not only the number of papers and citations, Đorđević, A., Savić, S., *Pozitron* (page 18), March 2024 (in Serbian). https://hdl.handle.net/21.15107/rcub_cherry_6456
4. Communication in the Multiverse of a Library, Đorđević, A., *7th international workshop: Communication of Science and Literature in the multiverse*, Aegina, Greece, July 3-5, 2023 (in English). <https://doi.org/10.5281/zenodo.8180518>
5. The benefits of Open science are not inevitable: monitoring its development should be value-led, Rafols, I., Meijer, I. & Molas-Gallart, J., *LSE Impact Blog*, April 20224 (in English). <https://blogs.lse.ac.uk/impactofsocialsciences/2023/08/14/the-benefits-of-open-science-are-not-inevitable-monitoring-its-development-should-be-value-led/>
6. Why research integrity matters and how it can be improved, Bouter, L., *Accountability in Research*, 1–10, 2023 (in English). <https://doi.org/10.1080/08989621.2023.2189010>

Let's make it happen! Together.

THANK YOU



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