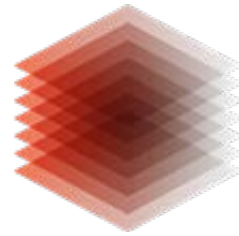


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TIB

National approach to ORCID adoption in Germany

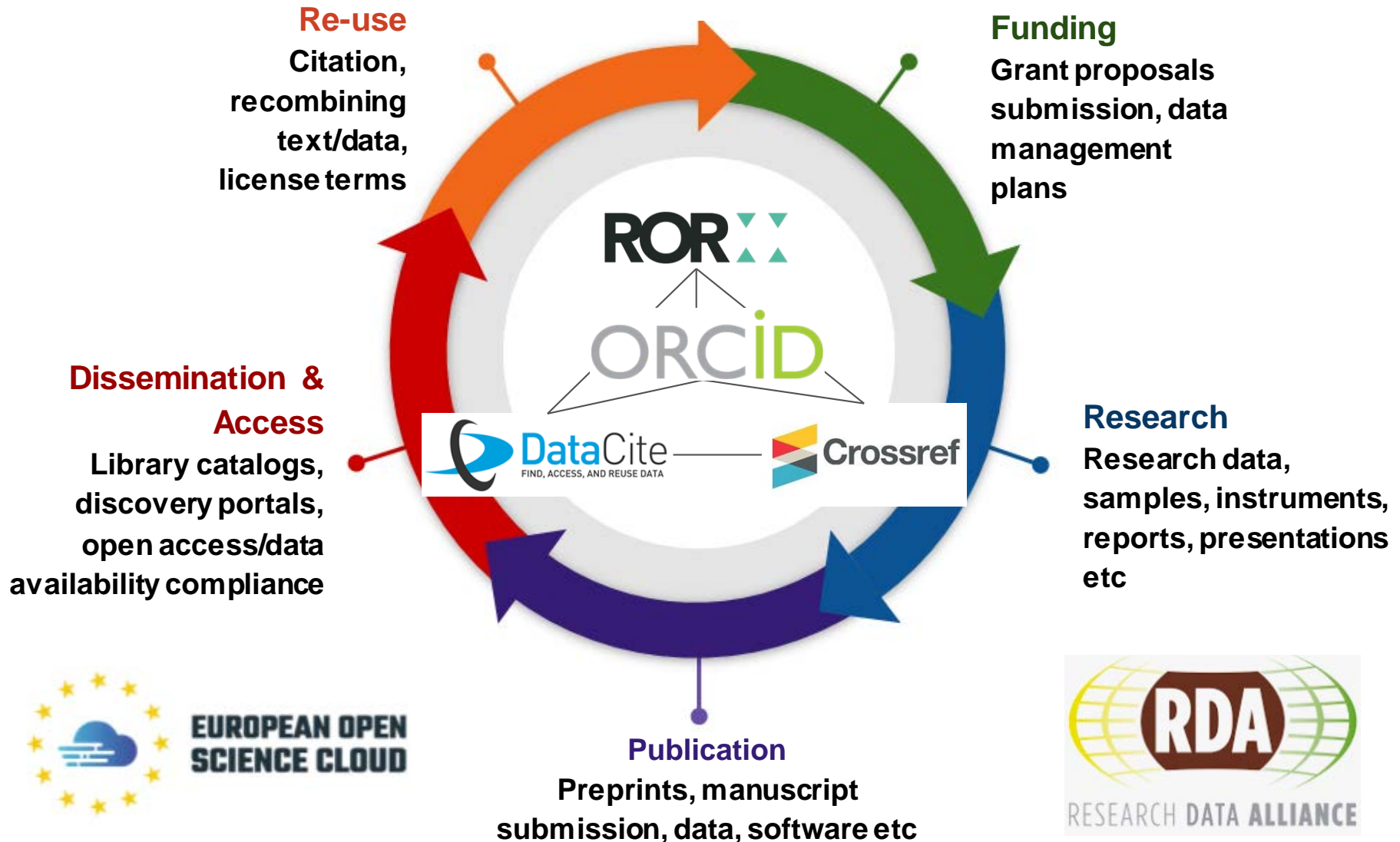
Britta Dreyer  <https://orcid.org/0000-0002-0687-5460>



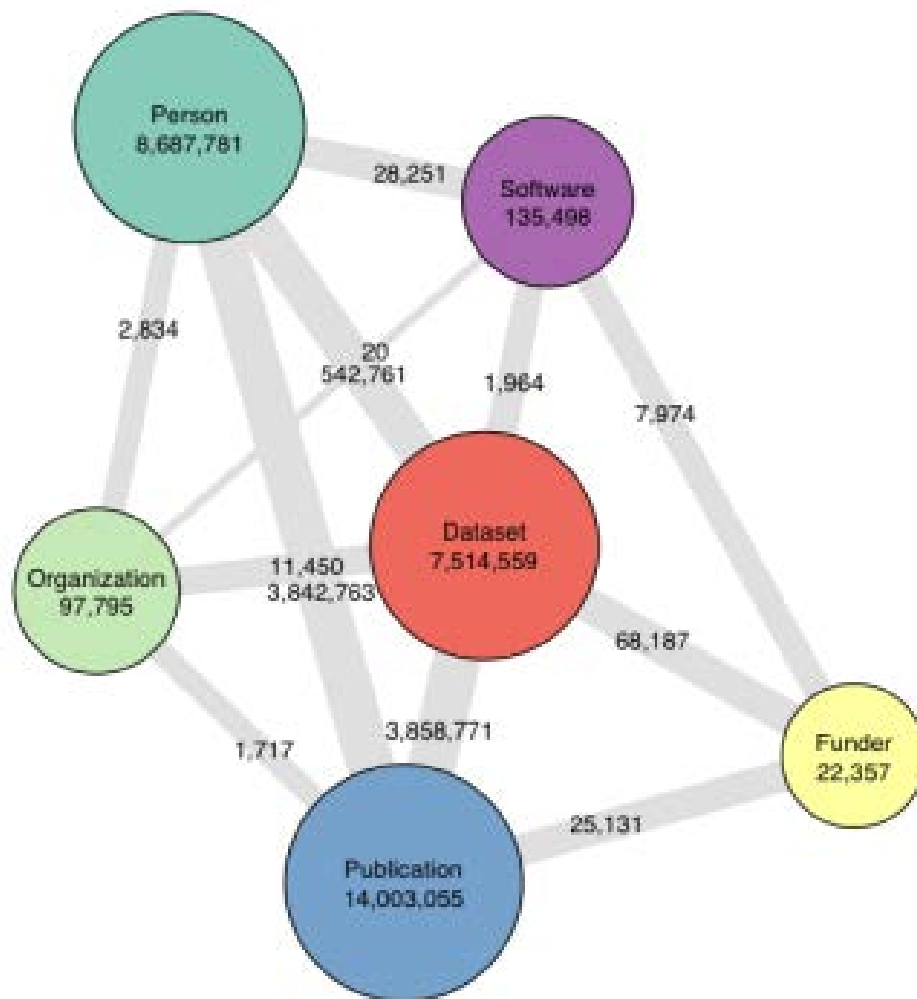
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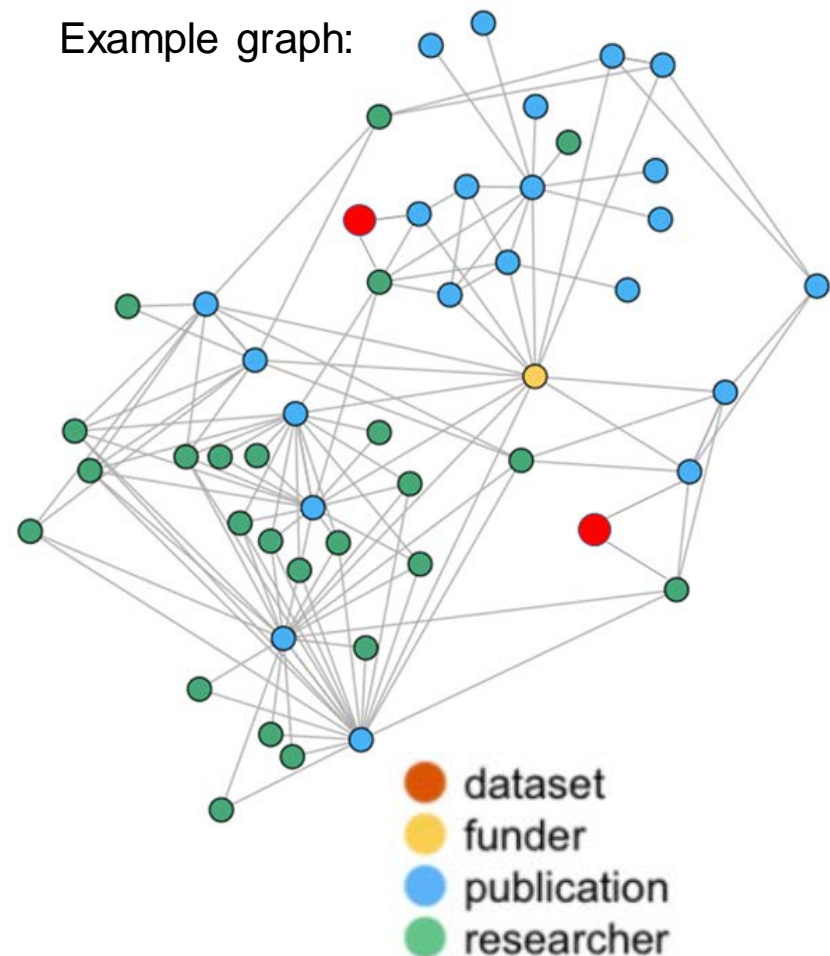
PID Connections in Research Workflows support Open Science



The PID Graph



Example graph:



DataCite Commons

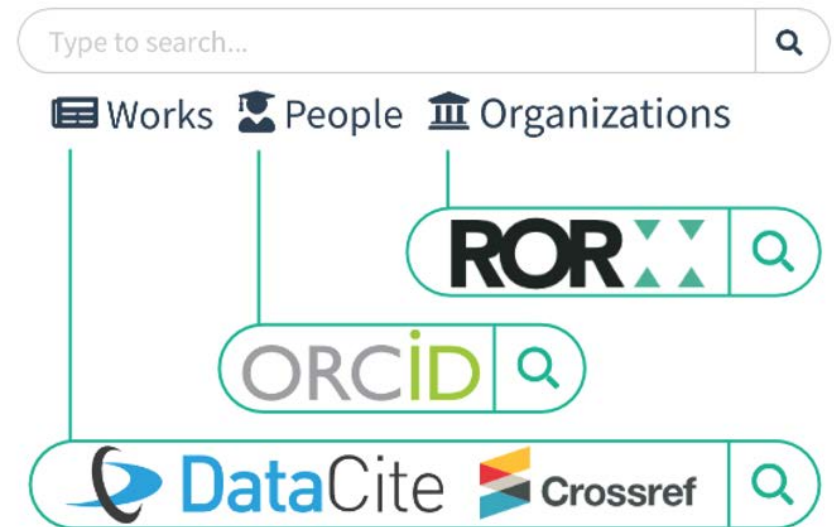


DataCite Commons exposes:

- the connections between DOIs in the form of citations, versions, and collections
- the connections between content with DOIs, people (ORCID), research organizations (ROR), and funders (Crossref Funder ID) e.g. all works/funder or all works/organization

More information:

<https://doi.org/10.5438/f4df-4817>



Aggregation by Person (ORCID)

<https://orcid.org/0000-0001-5492-3212>

Markus Stocker

Markus Stocker is Head of the Knowledge Infrastructures Research Group at the TIB Leibniz Information Centre for Science and Technology. He holds a PhD in Environmental Informatics from the University of Eastern Finland; a MSc in Environmental Science from the University of Eastern Finland; and a Diploma (MSc) in Informatics from the University of Zurich, Switzerland. His research interests lie at the intersection between research infrastructures and research communities, and how such infrastructures acquire, maintain, and share scientific knowledge about human and natural worlds. Prior to TIB, Markus held a postdoctoral research associate position at PANGAEA, the Data Publisher for Earth & Environmental Science, at the MARUM Center for Marine Environmental Sciences, University of

Aggregated Citations, Views and Downloads

3 Citations

36 Views

Accessibility Achievements



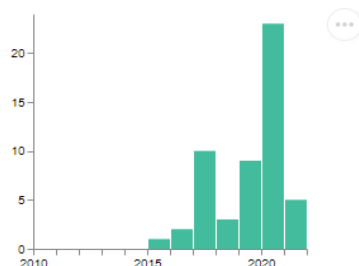
58% of the researcher's associated DOIs have metadata with rights as CC-BY, CC0 or public domain license.



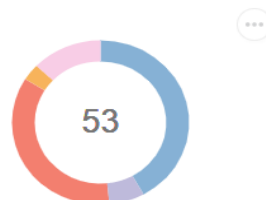
Congratulations, you hit the trifecta. You have an open access paper, open dataset, and open source software.

53 Works

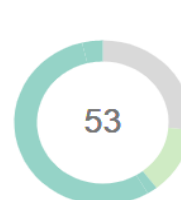
Publication Year



Work Type



License



Other Identifiers

Scopus Author ID: [44461998000](#)

Loop profile: [1242536](#)

Registration Agency

<input type="checkbox"/> DataCite	43
<input type="checkbox"/> Crossref	10


Co-Authors ?

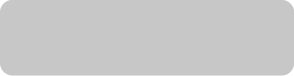
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<input type="checkbox"/> Jaradeh, Mohamad Yaser	8
<input type="checkbox"/> Zhao, Zhiming	7
<input type="checkbox"/> Thijssen, Peter	6
<input type="checkbox"/> Prinz, Manuel	6
<input type="checkbox"/> Fiebig, Markus	5
<input type="checkbox"/> Jeffery, Keith	5

<https://commons.datacite.org/orcid.org/0000-0001-5492-3212>

PID Integration via ORCID




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[Google Scholar](#)

Other IDs >
Scopus Author ID: 44461998000
Loop profile: 1242536

Name

Markus Stocker

Biography

Markus Stocker is Head of the Knowledge Infrastructures Research Group at the TIB Leibniz Information Centre for Science and Technology. University of rssection

▼ Employment (6)

Sort

Data

Technische Informationsbibliothek Universitätsbibliothek Hannover: Hannover, Niedersachsen, DE

2017-12-01 to present | Research Group Leader
Employment

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Source: Markus Stocker



Source: TIB

Universität Bremen: Bremen, Bremen, DE

2016-02-01 to 2017-11-30 | Research Associate (MARUM)
Employment

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▼ Works (50 of 75)

Sort

International Journal on Digital Libraries
2021-07-28 | journal-article
DOI: [10.1007/s00799-021-00306-x](https://doi.org/10.1007/s00799-021-00306-x)

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Source: Crossref

DOI to ORCID Integration

Auxiliary evaluation data of SmartReviews

Zenodo
2021-07-14 | data-set
DOI: [10.5281/zenodo.5102827](https://doi.org/10.5281/zenodo.5102827)

[Show more detail](#)

Source: DataCite

DOI to ORCID Integration

Aggregation by Organization (ROR)



Filter Works



Publication Year

- ☐ 2021 1
- ☐ 2016 1

Work Type

- ☐ Dataset 2

License

- ☐ CC0-1.0 2

Language

- ☐ English 2

Field of Science

- ☐ Biological sciences 1

Registration Agency

- ☐ DataCite 2

Authors ?

- ☐ Těšický, Martin 1

<https://ror.org/05ggn0a85>

University of Chemistry and Technology

UCT Prague, Vysoká škola chemicko-technologická, V.ČHT

Founded 1952

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Geolocation

50° 06' 11.9484" N, 14° 23' 23.6112" W

[Czechia](#) [Education](#)

<https://ror.org/05ggn0a85>

Other Identifiers

GRID [grid.448072.d](#)
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Wikidata [Q1476341](#)

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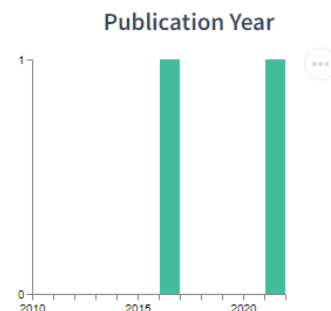
Aggregated Citations, Views and Downloads

1 Citation

53 Views

12 Downloads

2 Works



Work Type



License



<https://commons.datacite.org/ror.org/05ggn0a85>

Publication Level (DOI)

<https://doi.org/10.5061/dryad.4gv4g>

Data from: Repeated intraspecific divergence in life span and aging of African annual fishes along an aridity gradient

Radim Blažek, Matej Polacik, Petr Kacer, Alessandro Cellerino, Radomil Řežucha, Caroline Methling, Oldrich Tomasek, Kaila Syslova, Eva Terzibasi-Tozzini, Tomas Albrecht, Milan Vrtílek & Martin Reichard

Version 1 of Dataset published 2016 in [DRYAD](#)

Life span and aging are substantially modified by natural selection. Across species, higher extrinsic (environmentally related) mortality (and hence shorter life expectancy) selects for the evolution of more rapid aging. However, among populations within species, high extrinsic mortality can lead to extended life span and slower aging as a consequence of condition-dependent survival. Using within-

DOI registered November 10, 2016 via DataCite.



1 Citation 78 Views 16 Downloads

[Dataset](#) [English](#)

<https://doi.org/10.5061/dryad.4gv4g>

Creators

Radim Blažek

Institute of Vertebrate Biology

Alessandro Cellerino

Academy of Sciences of the Czech Republic

Oldrich Tomasek

Institute of Vertebrate Biology Charles University

Tomas Albrecht

Institute of Vertebrate Biology Charles University

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Milan Vrtílek

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Petr Kacer

University of Chemistry and Technology

Caroline Methling

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Academy of Sciences of the Czech Republic

Martin Reichard

Institute of Vertebrate Biology

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Aggregation by Funder (ROR)



<https://ror.org/01pv73b02>

Czech Science Foundation

Grantová agentura České republiky, GA ČR

Links

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[Wikipedia](#)

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Government

Other Identifiers

GRID [grid.447931.c](#)

Crossref Funder ID [10.13039/501100001824](#)

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<input type="checkbox"/> Crossref	7,849
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7,011 Citations

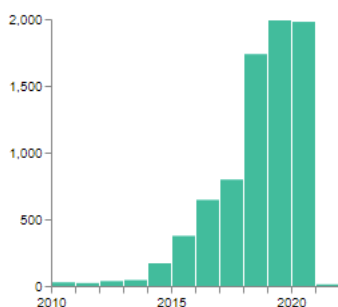
21 Views

Authors ?

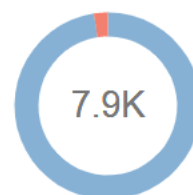
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7,860 Works

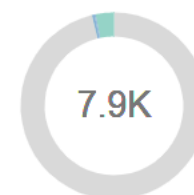
Publication Year



Work Type



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<https://commons.datacite.org/ror.org/01pv73b02>

Publication Level (DOI)

<https://doi.org/10.5524/100514>

Supporting data for "Imaging tissues and cells beyond the diffraction limit with structured illumination microscopy and Bayesian image reconstruction"

Hagen M Guy, Pospíšil Jakub, Bendesky Justin, Fliegel Karel, Spendier Kathrin & Lukeš Tomáš

Giga DB Dataset published 2018 in [GigaDB](#)

Structured illumination microscopy (SIM) is a family of methods in optical fluorescence microscopy that can achieve both optical sectioning and super-resolution effects. SIM is a valuable method for high resolution imaging of fixed cells or tissues labeled with conventional fluorophores, as well as for imaging the dynamics of live cells expressing fluorescent protein constructs. In SIM, one acquires a set of images with shifting illumination patterns. This set of images is subsequently treated with image analysis algorithms to produce an image with reduced out-of-focus light (optical sectioning) and/or with improved resolution (super-resolution). Five complete, freely available SIM datasets are presented including raw and analyzed data. We report methods for image acquisition and analysis using open source software along with examples of the resulting images when processed with different methods. We processed the data using established optical sectioning SIM and super-resolution SIM methods, and with newer Bayesian restoration approaches which we are developing. Various methods for SIM data acquisition and processing are actively being developed, but complete raw data from SIM experiments is not typically published. Publically available, high quality raw data with examples of

Creators

Hagen M Guy

Fliegel Karel

Pospíšil Jakub

Spendier Kathrin

Bendesky Justin

Lukeš Tomáš

1-resolution
ely available

Funding

National Institutes of Health

1R15GM128166-01

SCIEX

13.183

National Science Foundation

1727033

České Vysoké Učení Technické v
Praze

Czech Science Foundation

GA17-05840S

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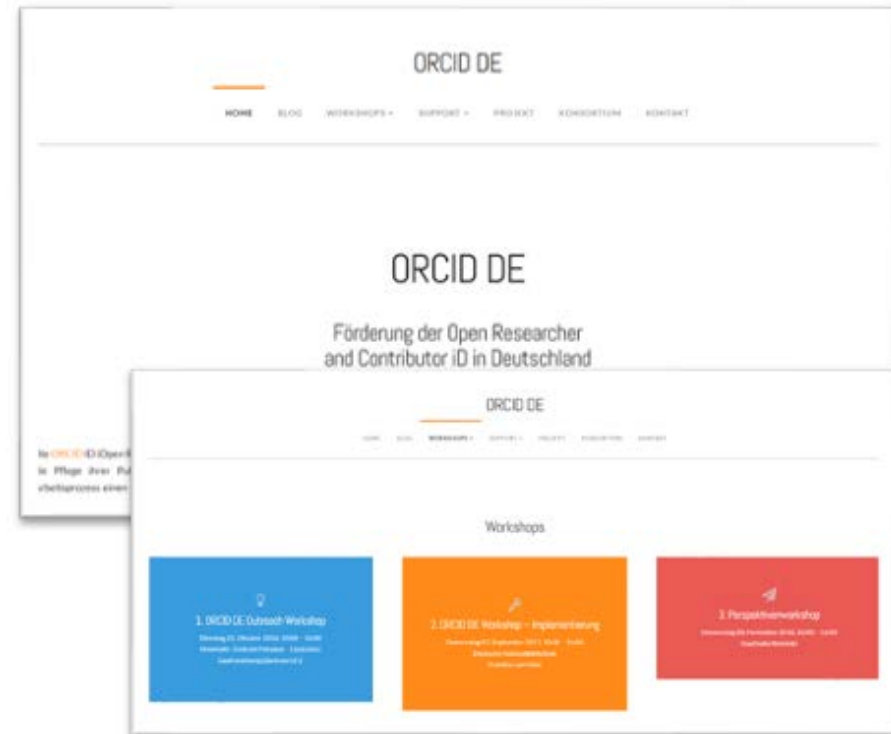
Citeproc JSON

BibTeX

RIS

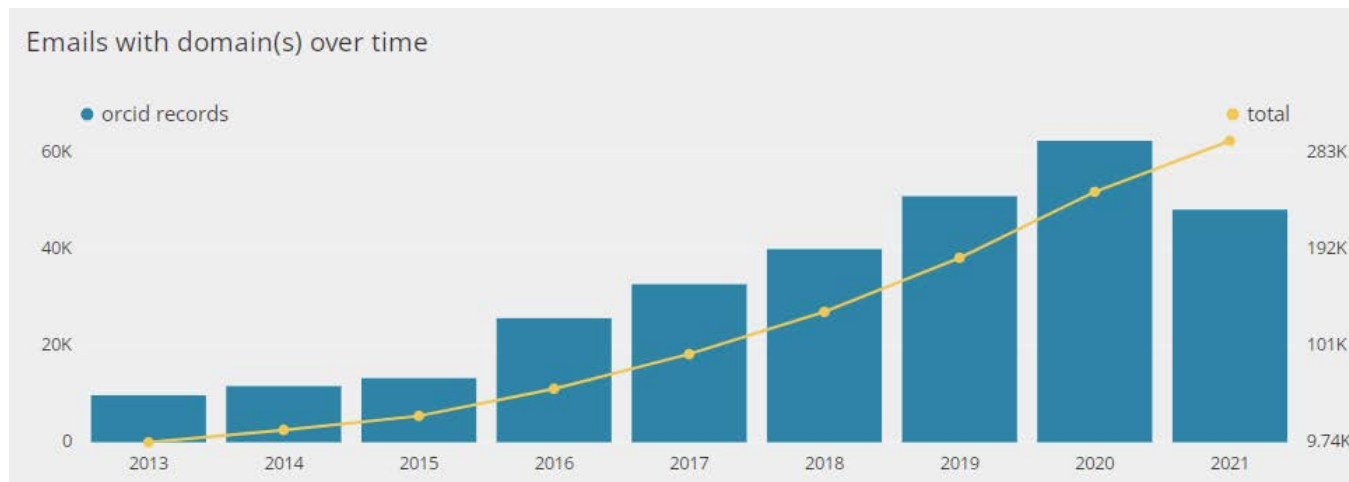
ORCID Adoption in Germany - DFG funded project ORCID DE

- ORCID Germany Consortium (74 members) founded in 2016
- Knowledge transfer via information platform incl. blog, mailing list, best practices
- ORCID integration in discovery service BASE
- Integration in German norm file GND
- ORCID DE Monitor



ORCID Adaption in Germany

ORCID Records with country code and/or email domain: 255,096



Impact

This section shows the number of researchers interacting with your integrations

Connected iDs

339,201

Records updated

56,441

Members

74

Integrations

56

Integrations connected with iDs

48

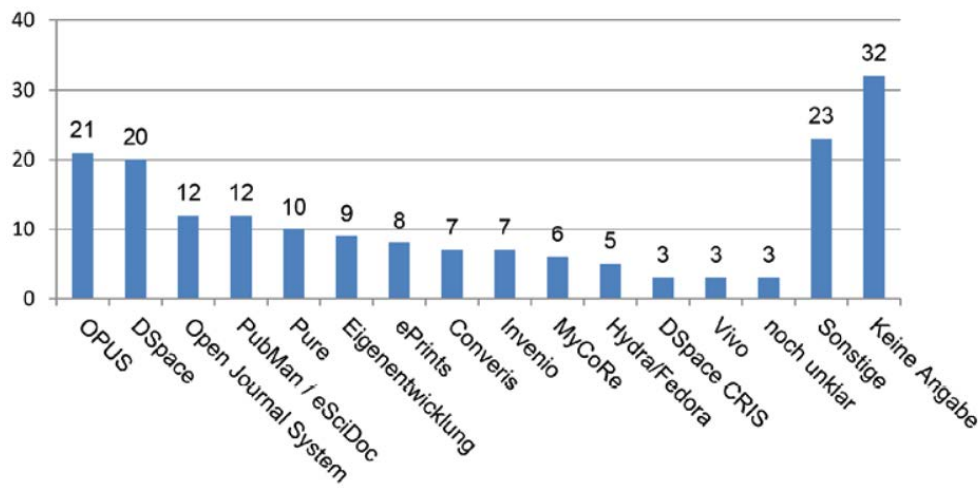
Integrations performing updates

27


ORCID Integrations

Best Practice integrations in various systems

- Open-Access-Repository: Universität Regensburg
- University Bibliography: TU Dortmund und Ruhr-Universität Bochum
- Research Data Repository: PANGAEA
- Open Journal Systems (OJS)
- Current Research Information System (CRIS): TU Hamburg
- Identity-Management-System:
Helmholtz-Zentrum Potsdam Deutsches GeoForschungsZentrum GFZ



ORCID Integration TIB VIVO



Dr. Stocker, Markus

Positions

Leiter, Nachwuchsforschungsgruppe Knowledge Infrastructures , Programmbereich C - Forschung und Entwicklung 2017 -

Overview Publications Teaching Contact Identity View All

Wikidata ID

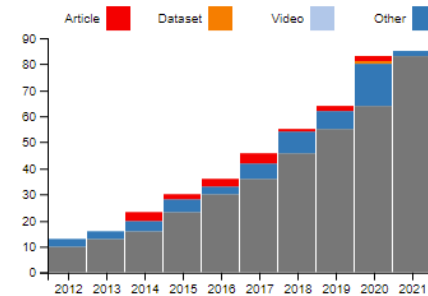
Q56755378

ORCID iD

<https://orcid.org/0000-0001-5492-3212> (confirmed)

← **ORCID Integration**

Publications in VIVO



Benefits for Research Organizations

- Identification and association of affiliated researchers
- Persistent connection of affiliated researchers
- Control over the uniform use of the organization name
- Option of mandated editing or curation of researchers' ORCID records as a service of the institution
- Improvement of the metadata quality in institutional systems
- Saving time and costs through (automated) collection and publication of the institution's publication output

What can YOU do?

Policy

Incorporate DOIs, ORCID and ROR into your institutional policies for researchers

Advocacy

Push for support of DOIs, ORCID, ROR & other IDs by publishers, funders, policy makers

Implementation

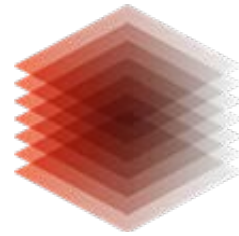
Integrate DOIs, ORCID *and* ROR into your systems/workflows

Outreach

Engage with researchers about using their ORCID iD, including detailed metadata with data deposits and citing datasets using DOIs in publications

Register an ORCID: <https://orcid.org/register>

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Thank you for your attention!

If you have any questions, please contact us at
pid@tib.eu or