Instruments @ DataCite - 2024

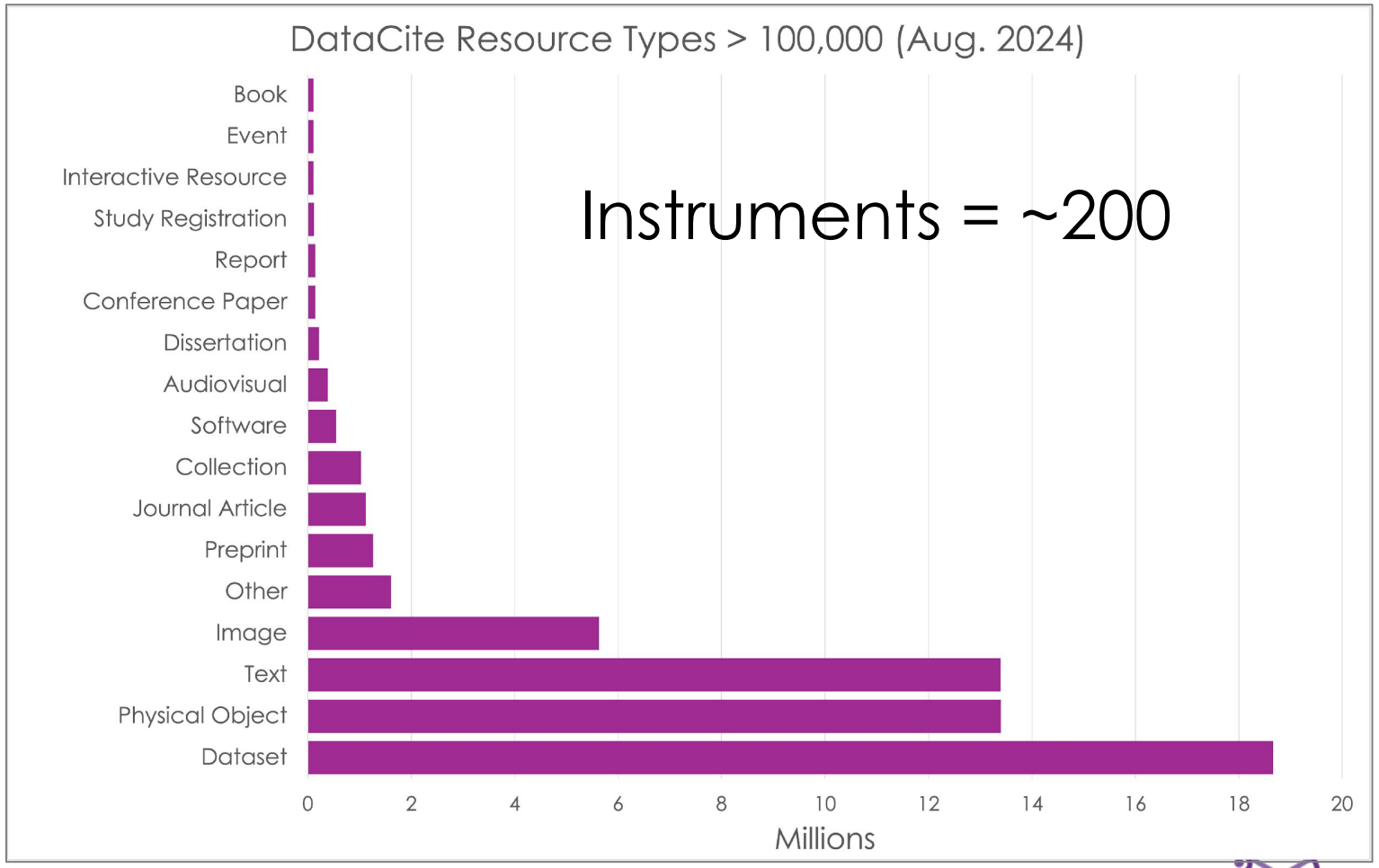
Ted Habermann, Erin Robinson, Metadata Game Changers

DataCite

A DOI provider and repository encompassing ~3000+ members.

DataCite includes ~60,000,000 resources with 28 different types.

https://datacite.org/



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METADATA GAME CHANGERS

resourceType ⇒ Instrument

resourceType
recommended
free text

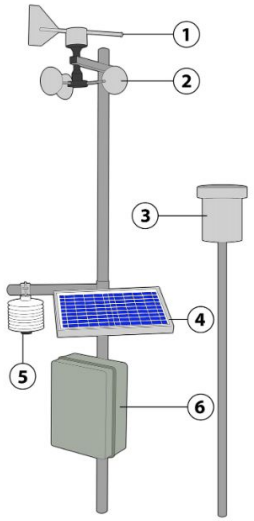
Version 4.5
Jan 2024

resourceTypeGeneral
mandatoy
shared vocabulary

Data

IsCollectedBy

Collects



Discover
and Describe
Connect
RelatedIdentifiers

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METADATA GAME CHANGERS

resourceTypeGeneral = Instrument

Resource Type General	Count
Other	27
PhysicalObject (UCAR)	25
Instrument	78

52 Pioneers

The number of records with resourceTypeGeneral = instrument has passed the number of pioneering records.

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METADATA GAME CHANGERS

resourceTypeGeneral=Instrument

Client ID	Name	Count
tib.hzb	Helmholtz-Zentrum Berlin für Materialien und Energie GmbH	24
psu.dmr-first	2D Crystal Consortium (2DCC) - Division of Materials Research (DMR) - FIRST	22
todn.hcsvci	Technical University of Denmark - Energy Innovation Systems	12
pawsey.repo	Pawsey Supercomputing Centre	7
cos.osf	Open Science Framework	6
pqip.devices	Helmholtz-Zentrum Dresden-Rossendorf e.V. -DEVICES	3
upenn.repo	Univ. of Pennsylvania Repository	2
tib.iow	Leibniz-Institut fuer Ostseeforschung Warnemuende	1
uq.repo	The University of Queensland	1
	Total	**78**

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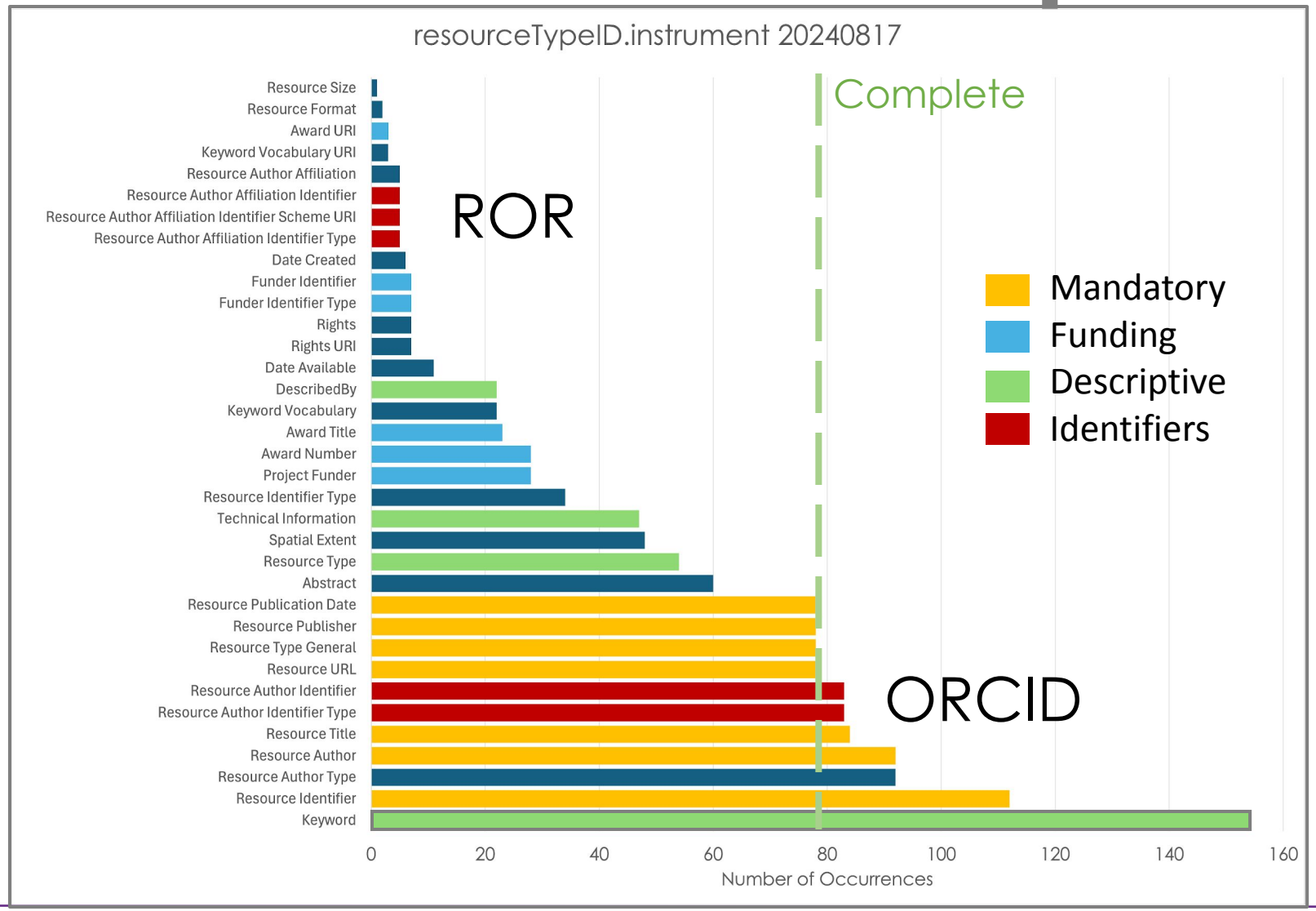
Documentation Concepts



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resourceType = Instrument

Client ID	Name	Count
todn.hcsvci	Technical University of Denmark - Energy Innovation Systems	20
doe.osti	DOE Office of Scientific and Technical Information (OSTI) Repository	4
doe.pnnl	DOE Pacific Northwest National Laboratory (PNNL) Repository	3
dzhw.fdz-dzhw	Research Data Center for Higher Education Research and Science Studies (FDZ-DZHW)	2
si.ccrcn	Smithsonian Research Infrastructure	2
unsw.repo	University of New South Wales	2
doe.ornl	DOE Oak Ridge National Laboratory (ORNL) Repository	1
ubc.oc	Open Collections	1
Total		35

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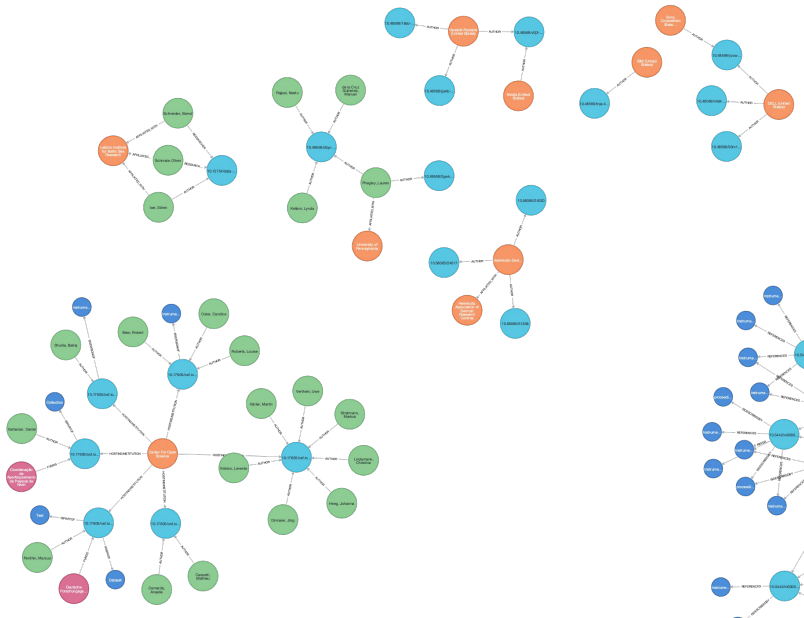
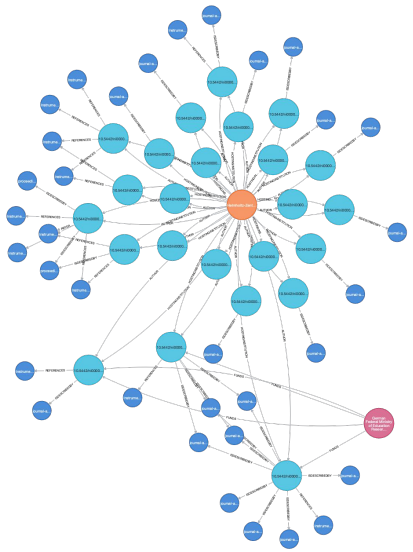
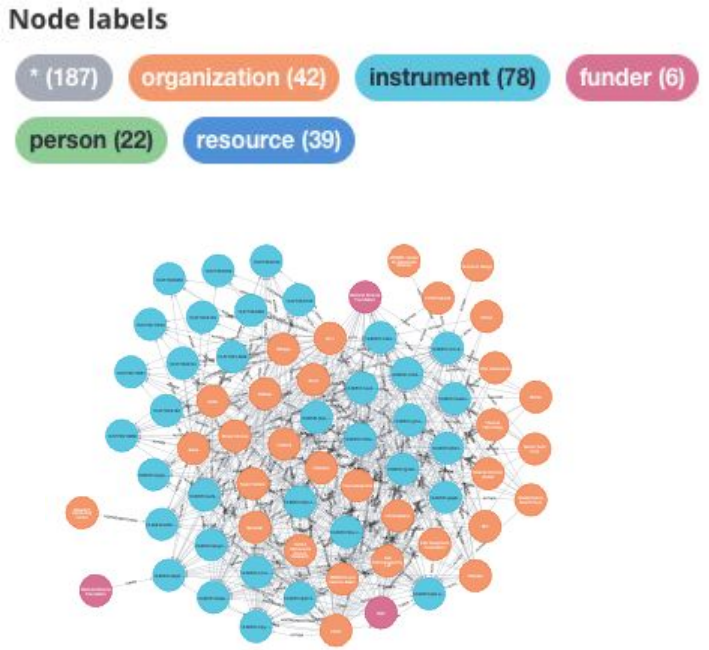
All Instruments (resourceTypeGeneral)



Center For Open Science



Helmholtz-Zentrum Berlin Für Materialien Und Energie



2DCC - The Pennsylvania State University

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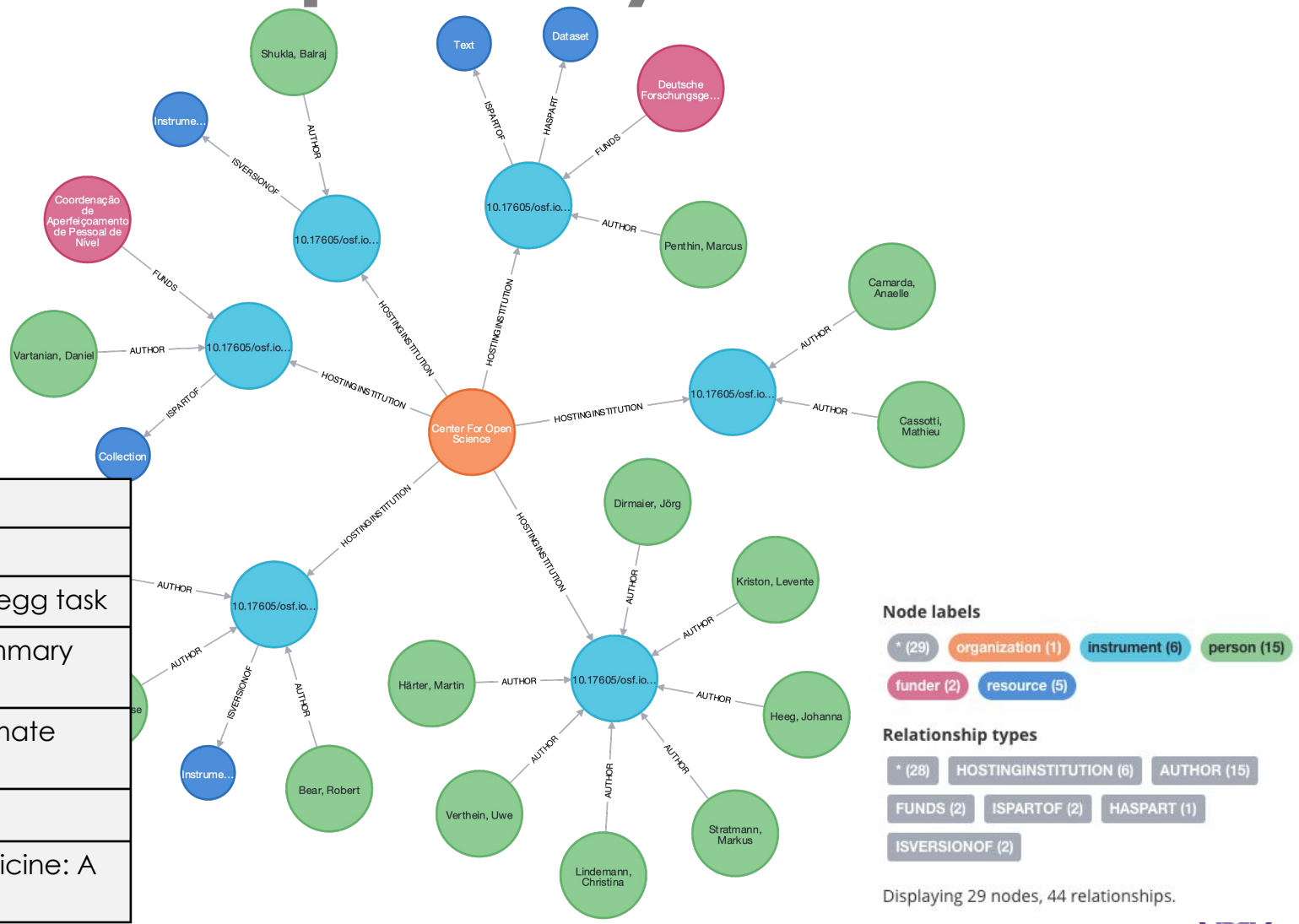
COS - Generalist Repository

One HostingOrganization
Six instruments
Connections to 15 people
Connections to 2 funders
Connections to 5 resources
Instrument = questionaire



Title
BENDEP-SRQ-GV (Instrument and Project)
Methodology to analyse the divergent thinking egg task
RebeL - Codebook/scales manual, dataset, summary chart of RebeL
Digital Interface Patterning for Detecting Illegitimate Publications (DIP-DIP) scale
Data collection form
Mental Health and Illness Education in Paramedicine: A Scoping Review

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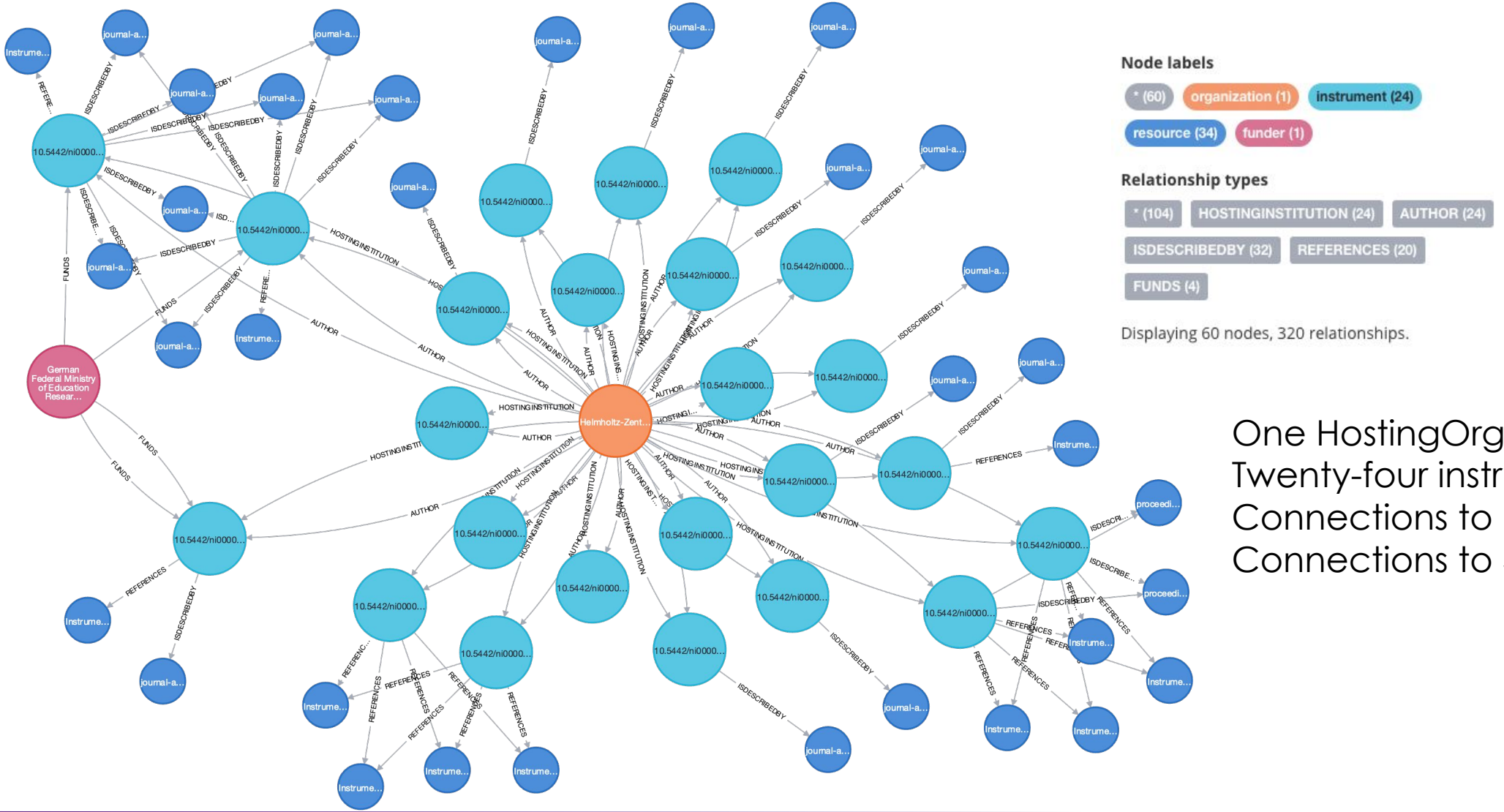
Helmholtz-Zentrum Berlin für Materialien und Energie GmbH



One HostingOrganization
Twenty-four instruments
Connections to 1 funders
Connections to 34 resources

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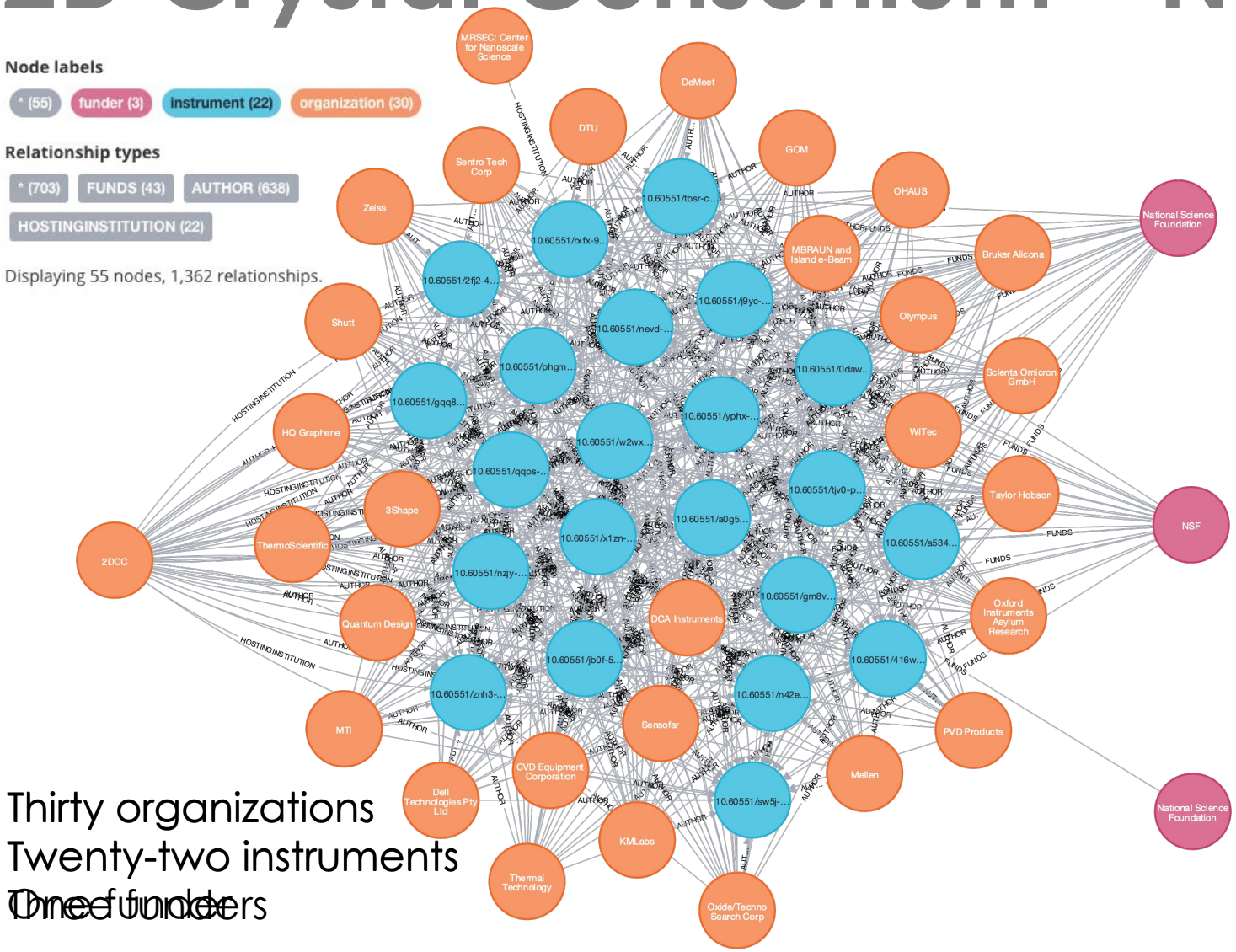
2D Crystal Consortium – NSF Center



Thirty organizations
Twenty-two instruments
One funder
~~Three funders~~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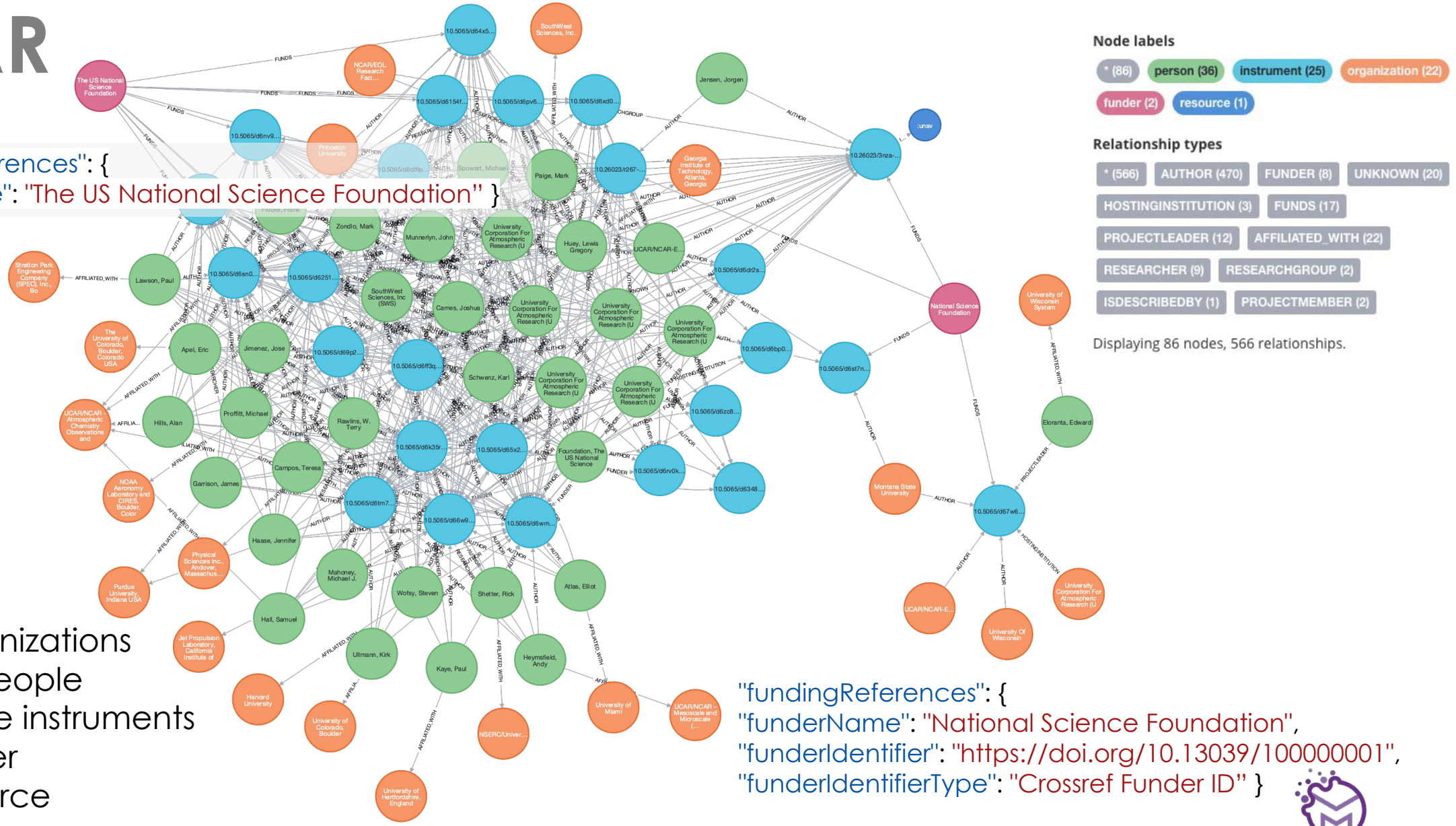
UCAR



Thirty organizations
Thirty-six people
Twenty-five instruments
One funder
One resource

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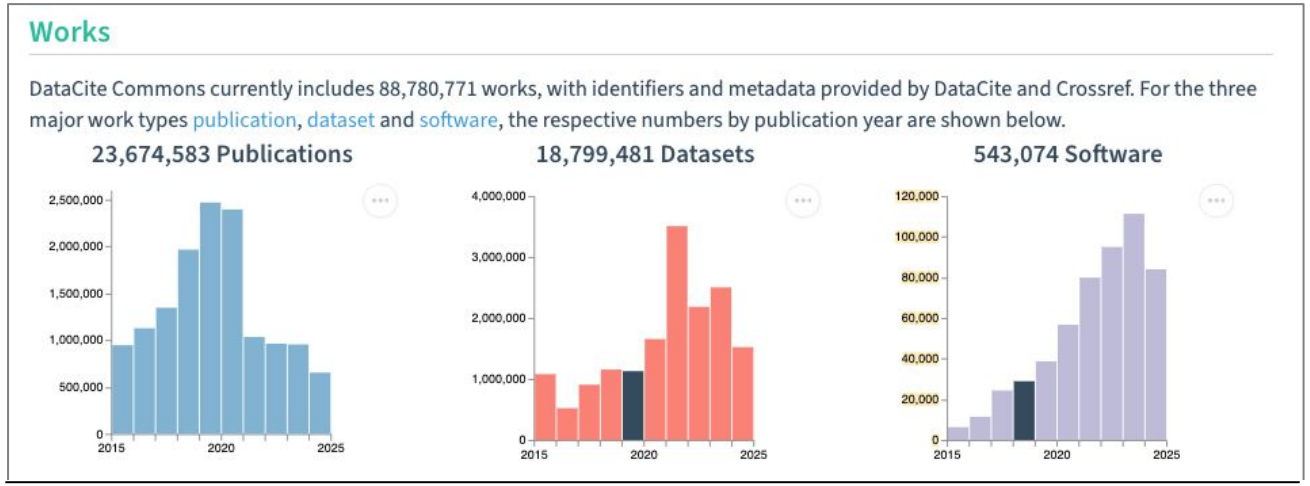
commons.datacite.org

The DataCite Commons is the emerging interface to metadata in DataCite and other elements of the global research PIDGraph (Crossref, ORCID, ROR, Event Data)



https://commons.datacite.org/statistics

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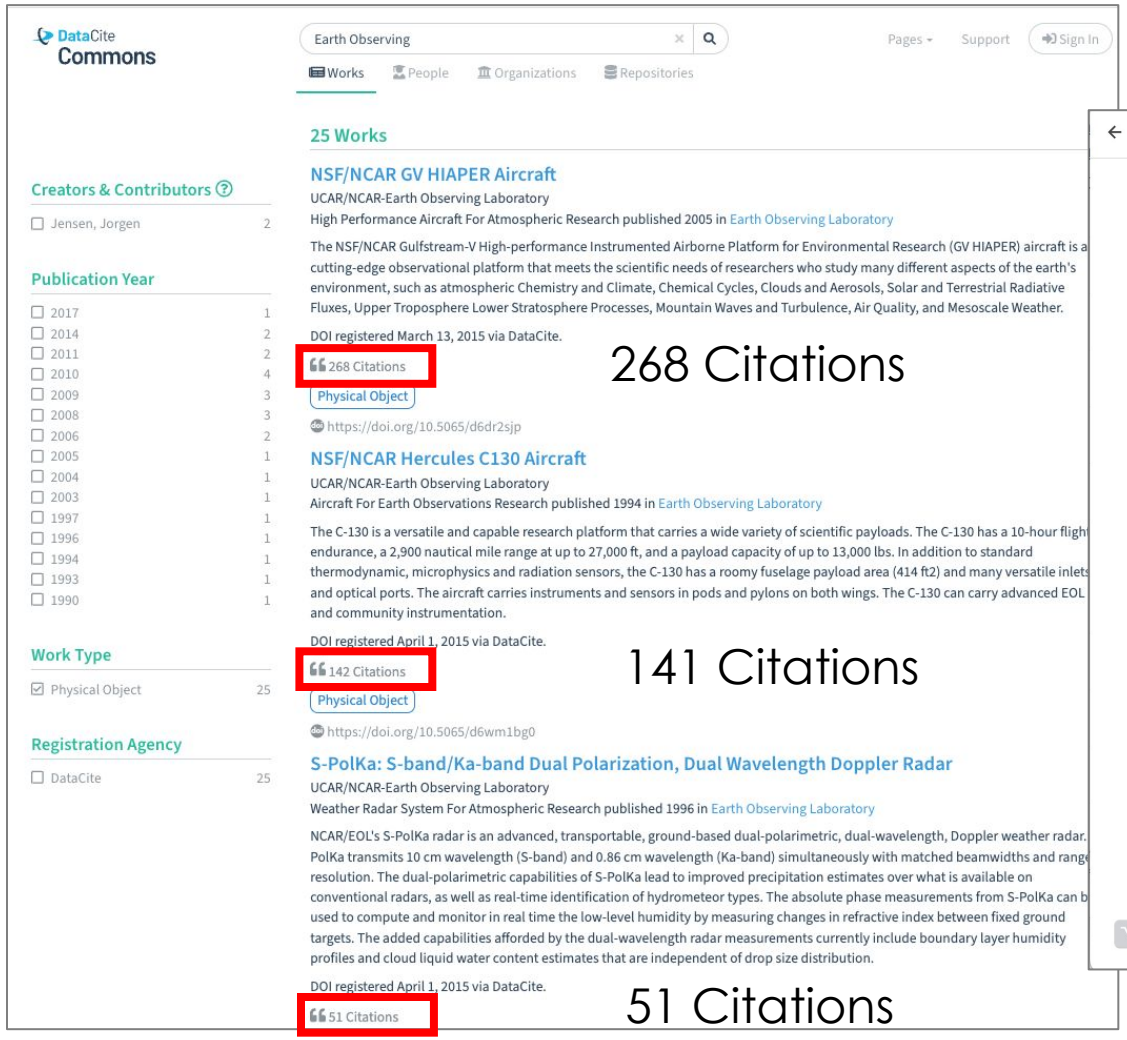
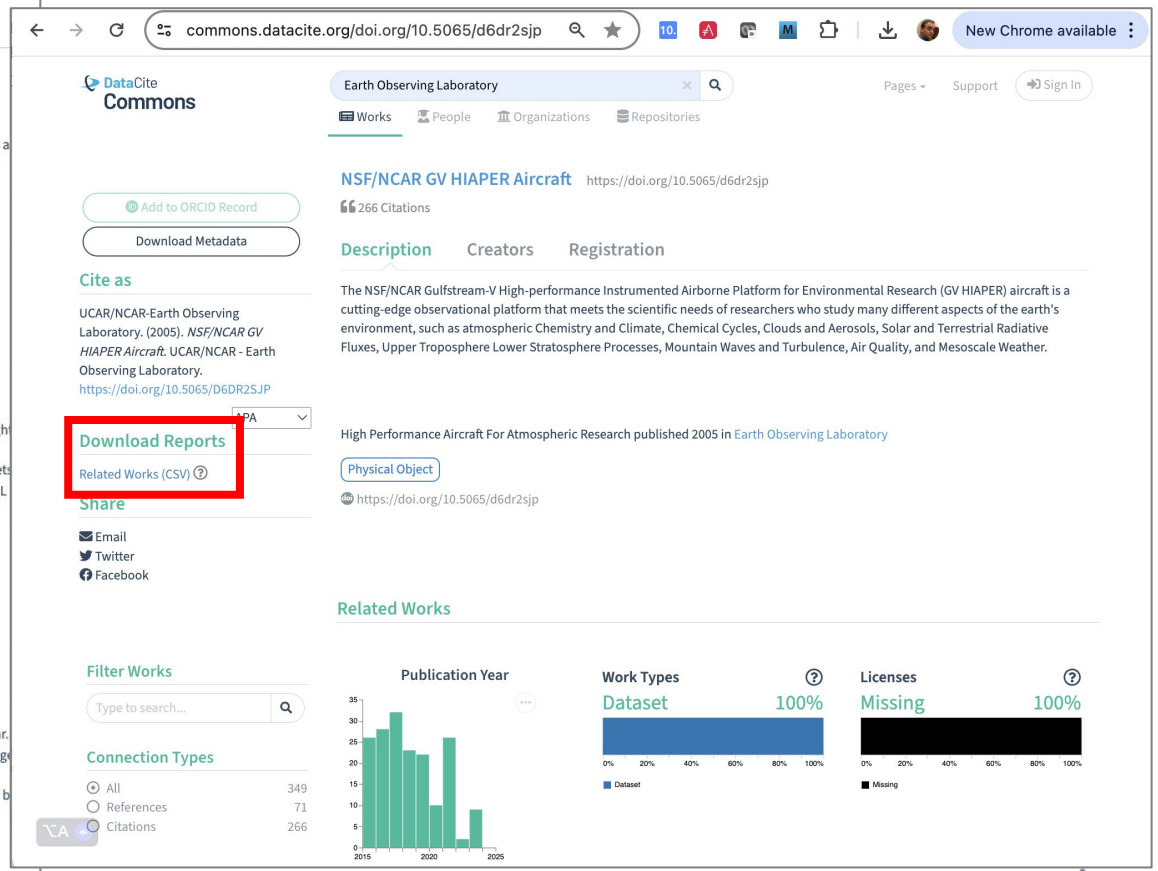
Commons: UCAR/EOL Instruments



Up to 200 citations/references available as CSV.



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Questions?

Work with us on:

- Identifiers and Repository Re-curation
- Repository and Journal Connectivity
- Metadata evaluation and improvement (FAIR metadata)
- Community building strategy
- International Metadata Standards (ISO, DataCite, schema.org)
- Workshop design and facilitation
- Community conventions / profiles
- Leadership coaching

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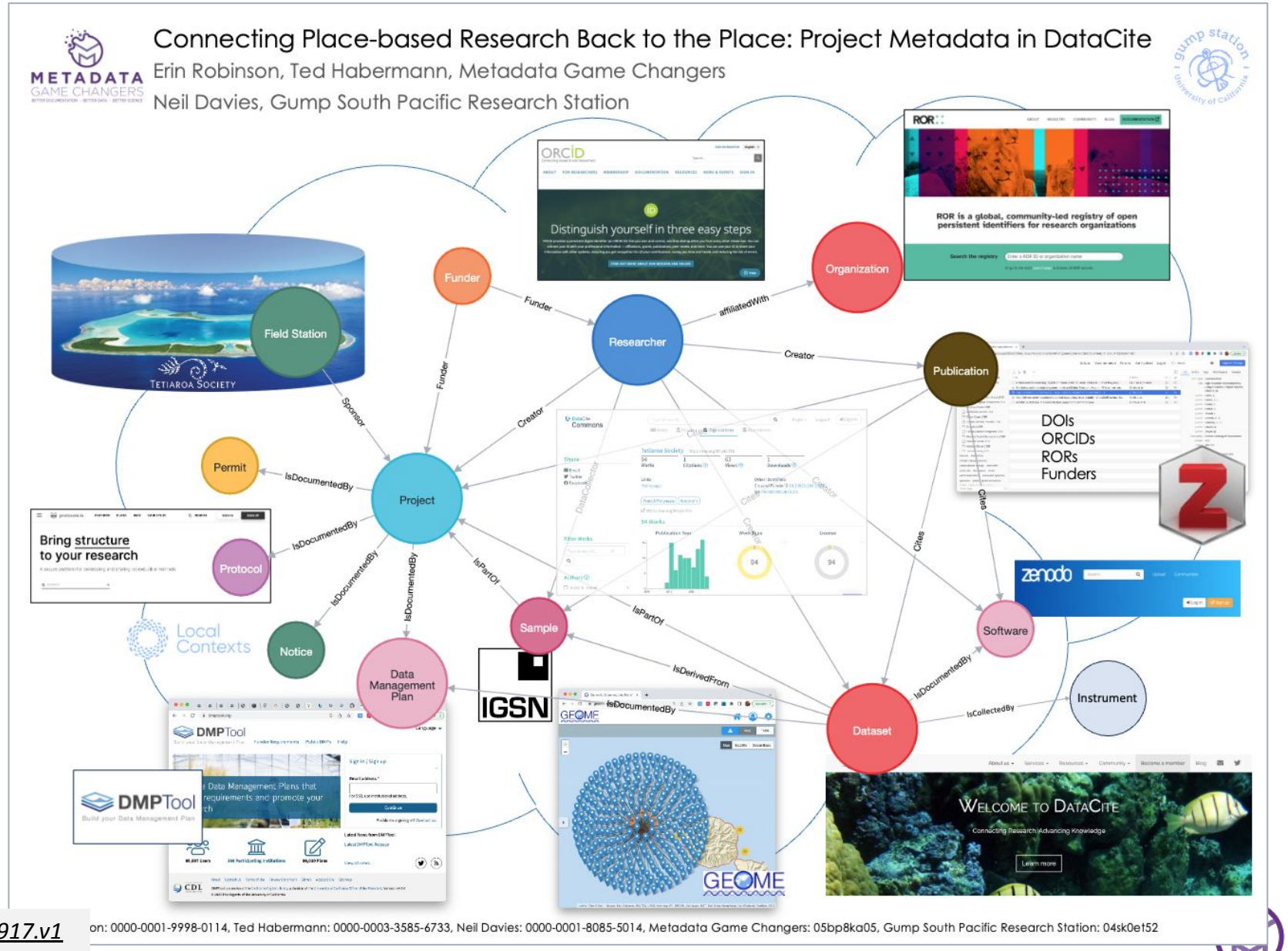
The Goal: A Connected Information Ecosystem



https://doi.org/10.6084/m9.figshare.23671917.v1

on: 0000-0001-9998-0114, Ted Habermann: 0000-0003-3585-6733, Neil Davies: 0000-0001-8085-5014, Metadata Game Changers: 05bp8ka05, Gump South Pacific Research Station: 04sk0et52

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Finding UCAR Instruments in Commons

These next few slides show how to find UCAR instruments in DataCite Commons

Use presentation mode to follow the steps!

Screen shots are from 2023…

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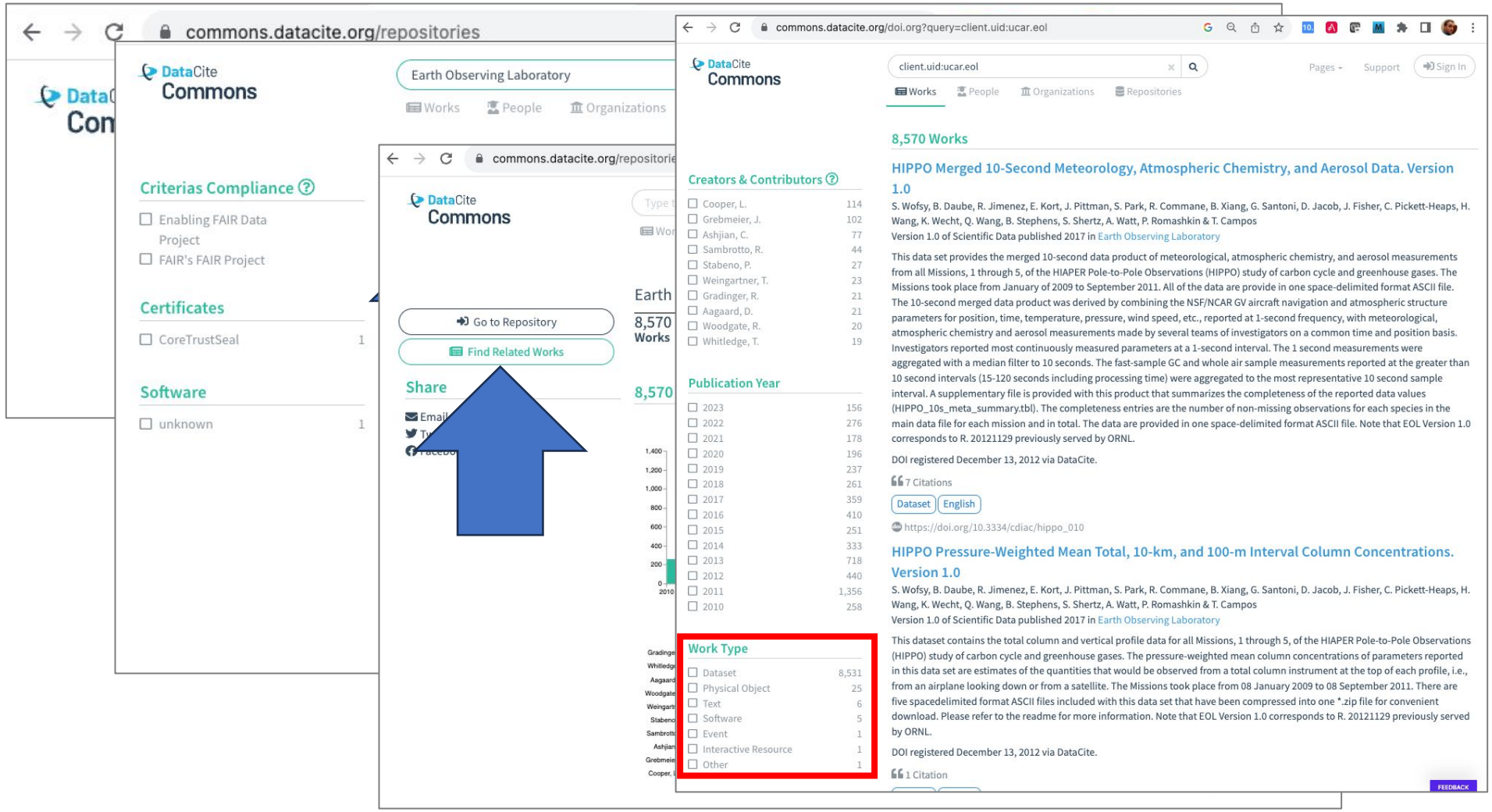
METADATA GAME CHANGERS

ucar.eol@commons.datacite.org



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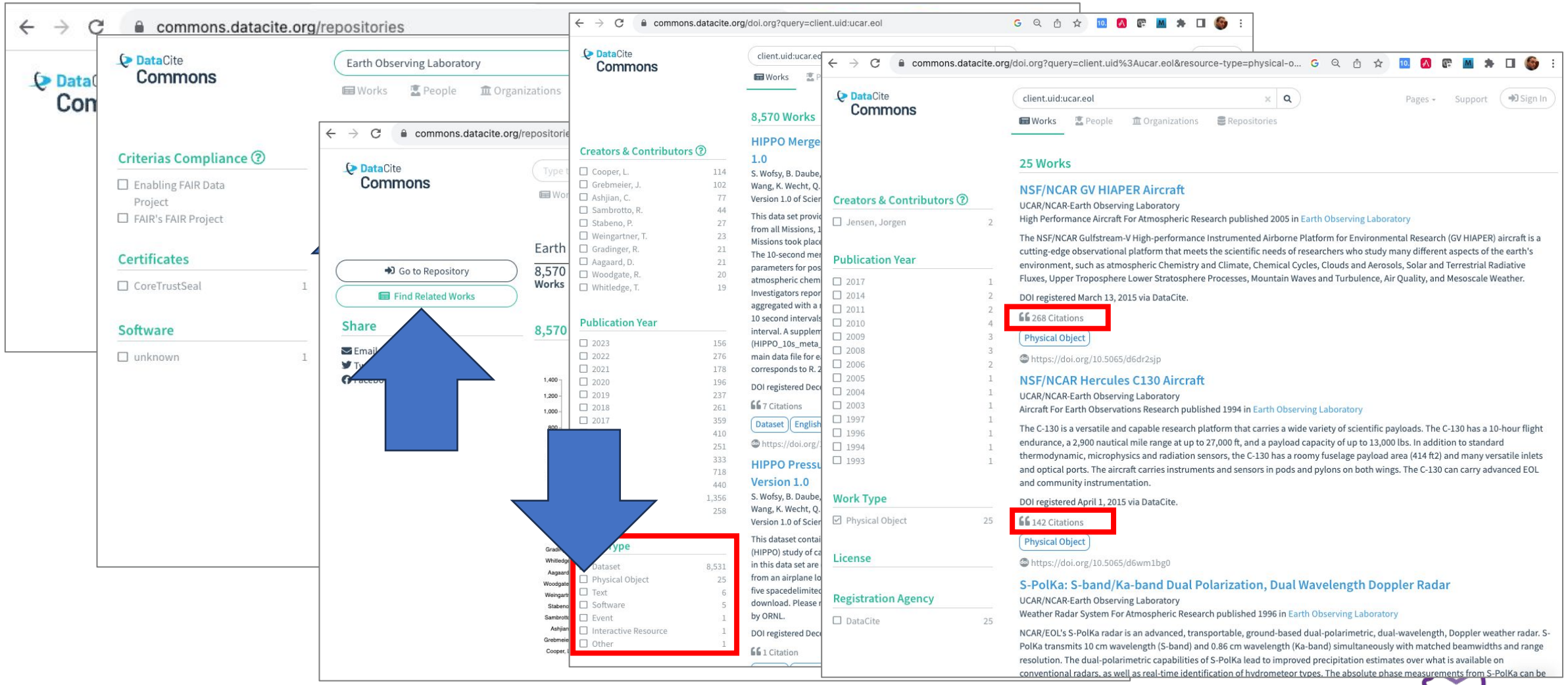

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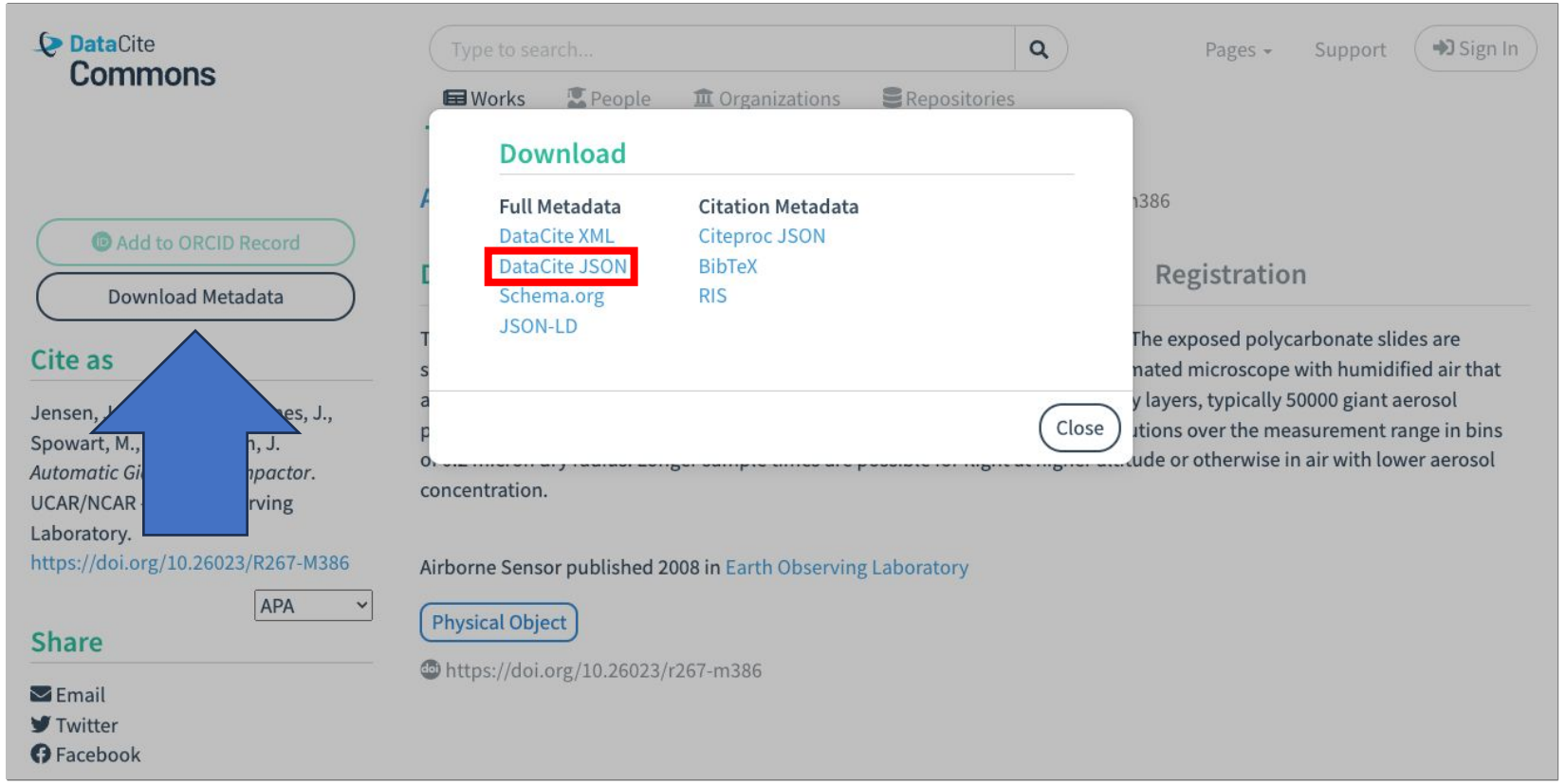
Automatic Giant Nuclei Impactor



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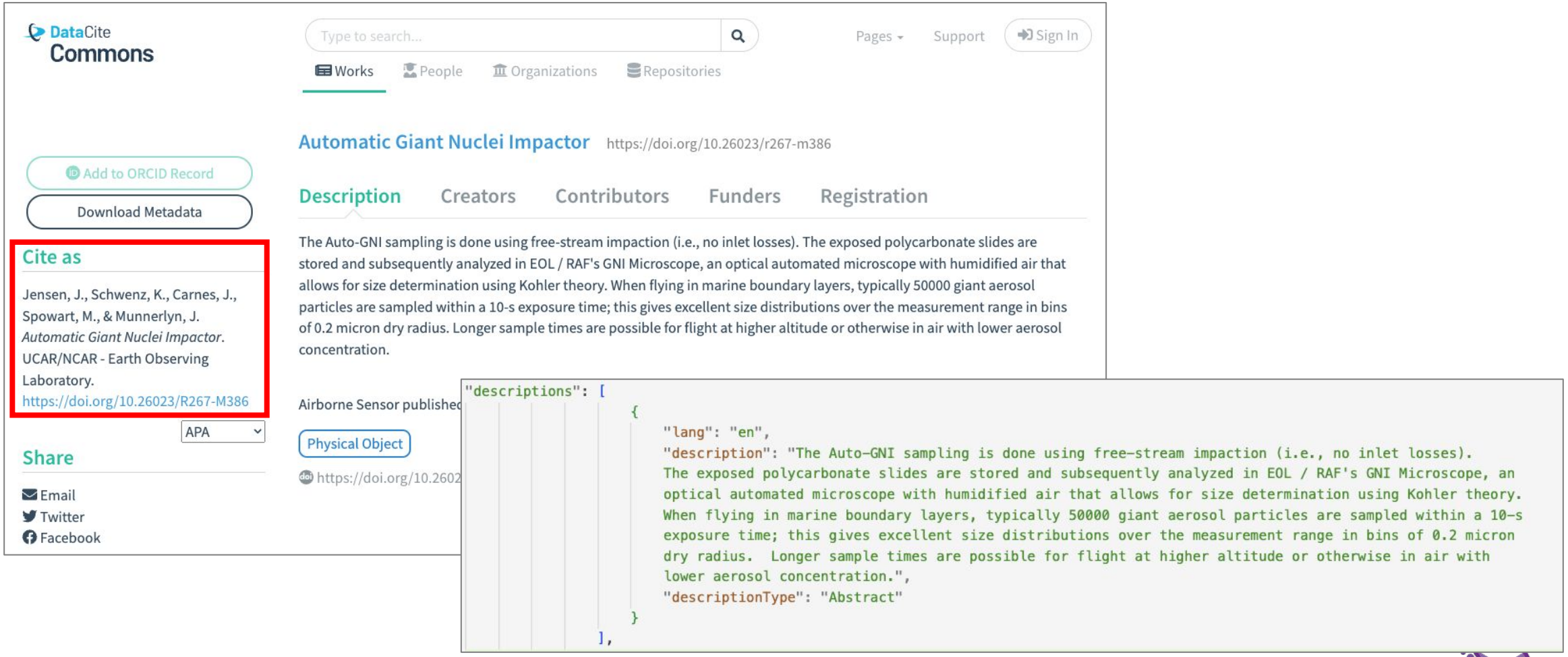

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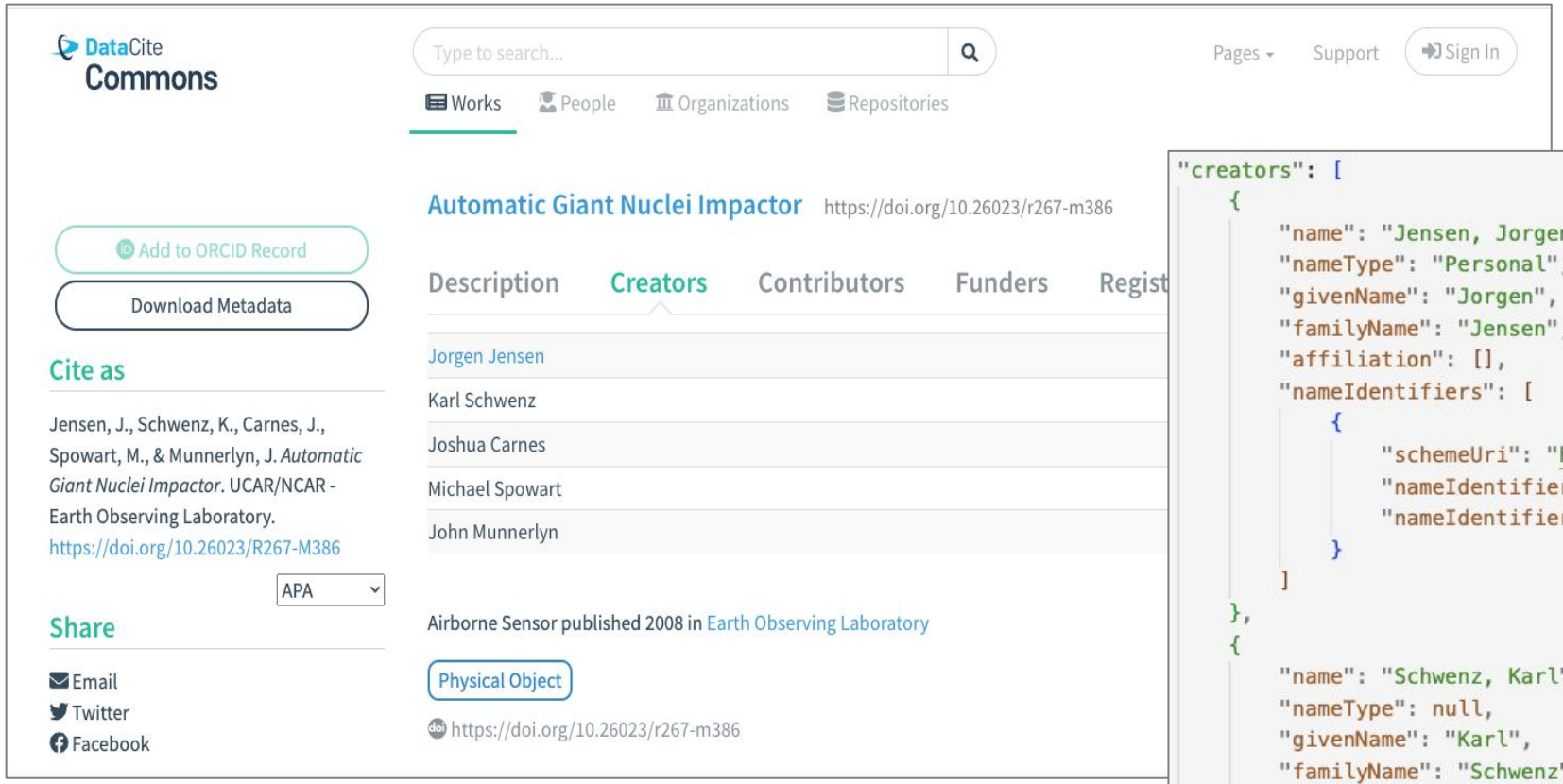

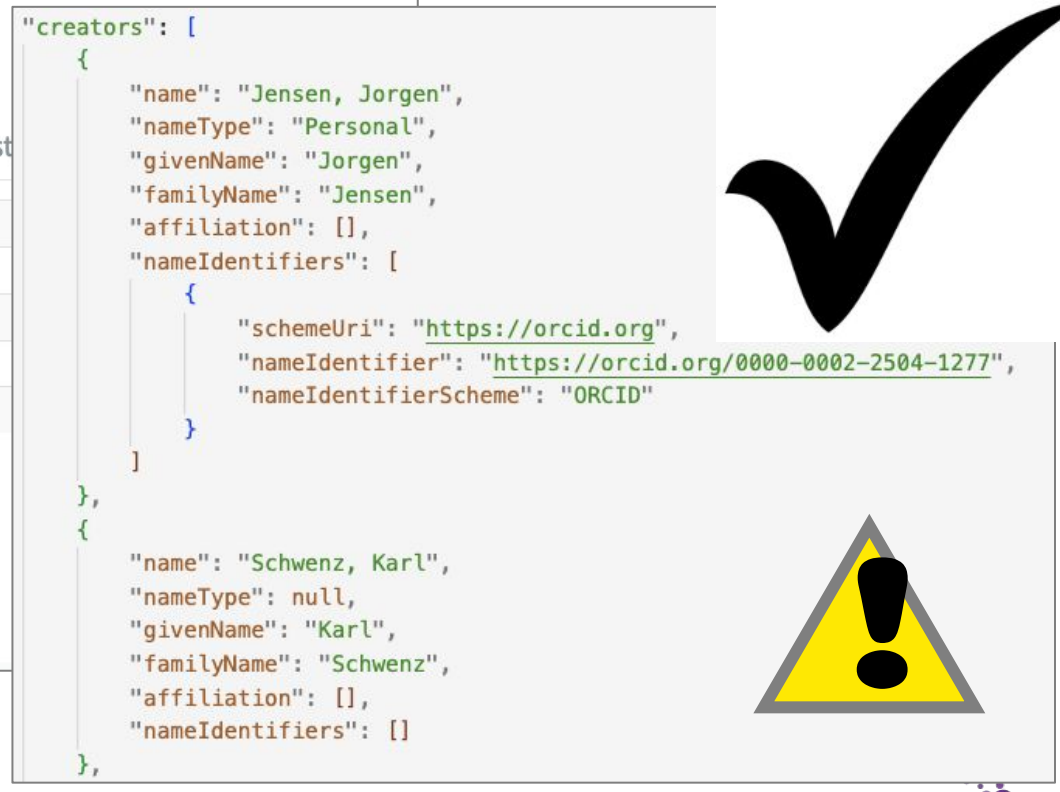

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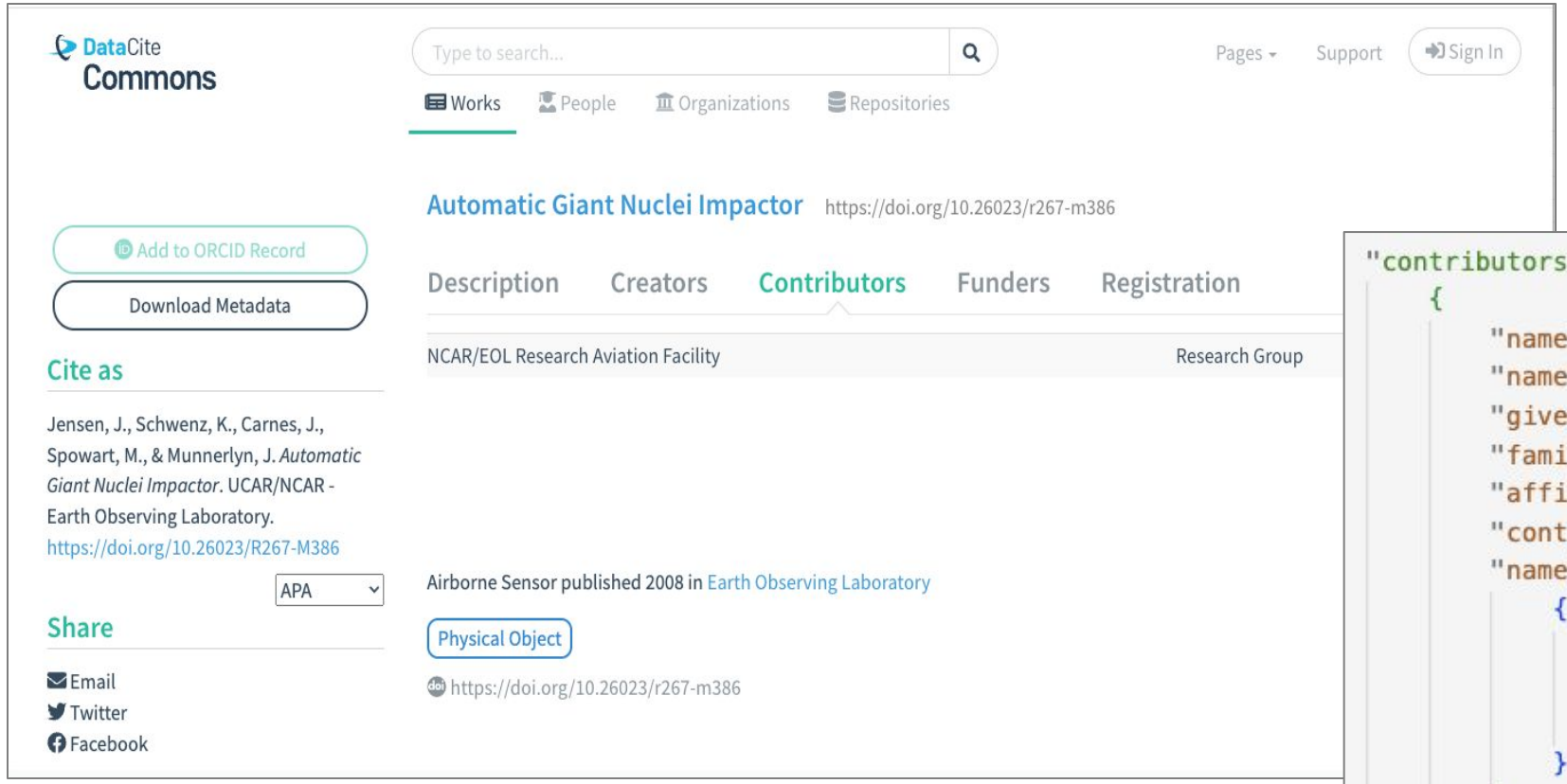

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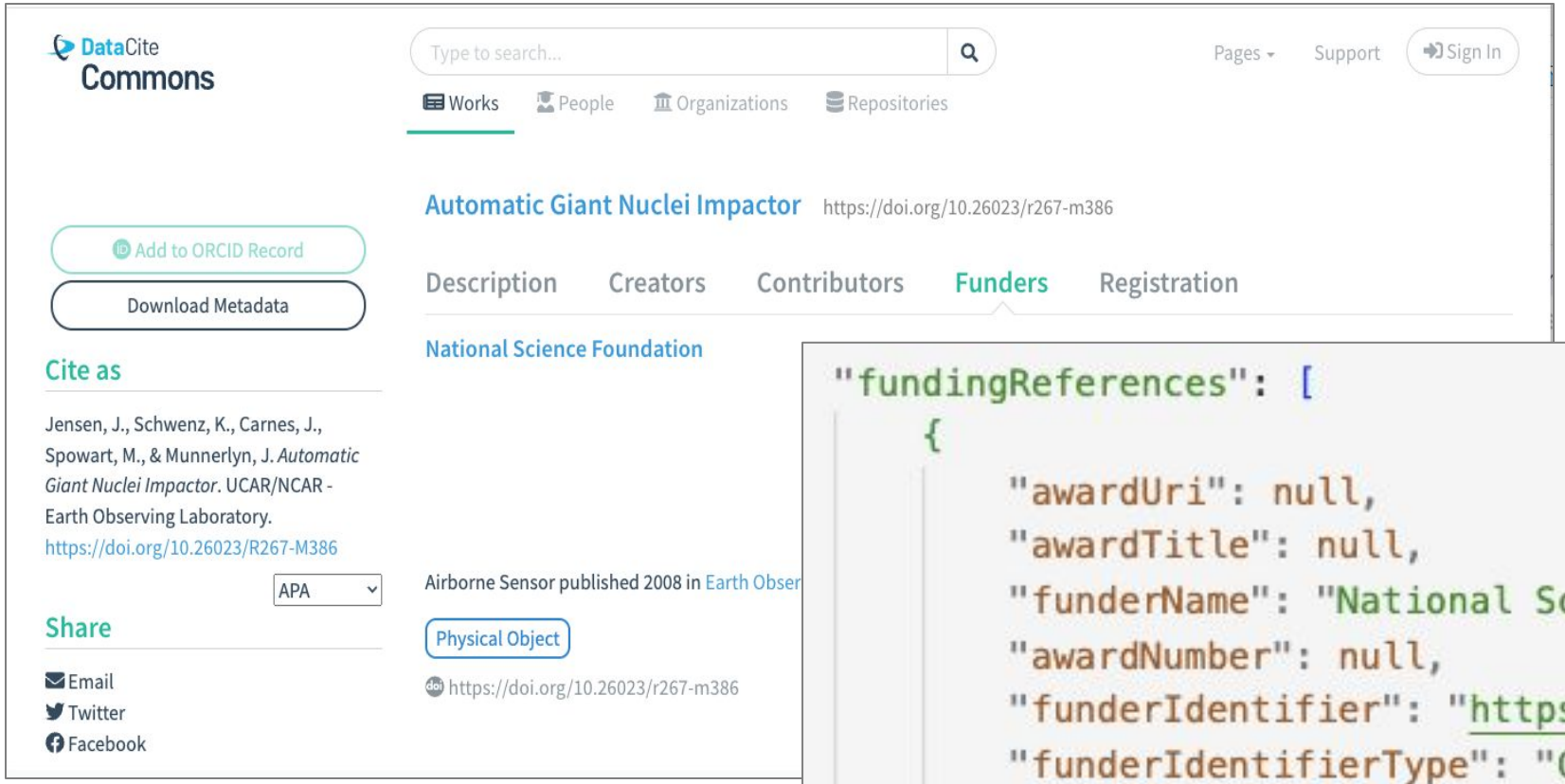

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