Dataset publication by Leiden University researchers

Núria Raga Raga | Centre for Digital Scholarship 2022

Universiteit Leiden
Science

Data Management Regulations Leiden University 2021

"Article 11: Digital research data are sustainably stored in an archive/repository, preferably a certified repository […]. The faculty/institute data protocol includes a list of preferred archives/repositories."

Look at the CoreTrustSeal requirements to know more about repository certification: 10.5281/zenodo.7051096

Repositories used by Leiden University researchers

List of repositories used by researchers in the Science Faculty and number of datasets published.

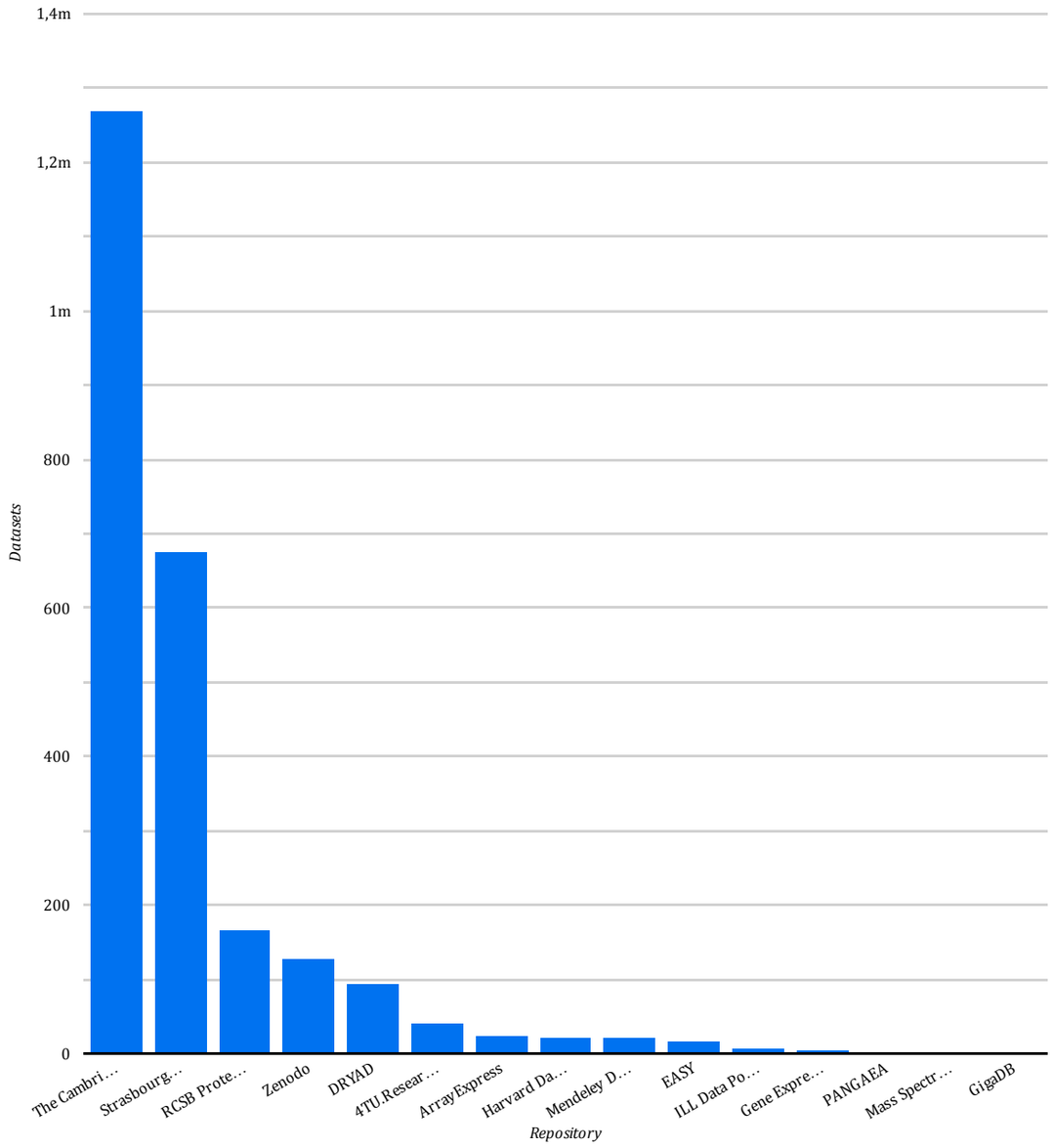
Universiteit Leiden
Science

Institute

	Repository	Datasets
1.	The Cambridge Structural Database	1.270
2.	Strasbourg Astronomical Data Center	675
3.	RCSB Protein Data Bank	167
4.	Zenodo	127
5.	DRYAD	95
6.	4TU.ResearchData	40
7.	ArrayExpress	24
8.	Harvard Dataverse	22
9.	Mendeley Data	22
10.	EASY	18
11.	ILL Data Portal	8
12.	Gene Expression Omnibus	5
13.	PANGAEA	3
14.	Mass Spectrometry Interactive Virtual Environment	3
15.	GigaDB	2
16.	Yoda	2

1 - 26 / 26

Datasets
2.496



Repositories used by Leiden University researchers

List of repositories used by researchers and certification of these repositories.

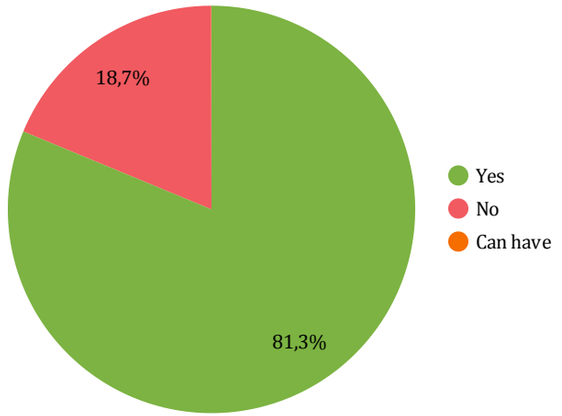
Universiteit Leiden Science

Institute

	Repository	Certification	Datasets
1.	The Cambridge Structural Database	Yes	1.270
2.	Strasbourg Astronomical Data Center	Yes	675
3.	RCSB Protein Data Bank	No	167
4.	Zenodo	No	127
5.	DRYAD	No	95
6.	4TU.ResearchData	Yes	40
7.	ArrayExpress	No	24
8.	Harvard Dataverse	No	22
9.	Mendeley Data	Yes	22
10.	EASY	Yes	18
11.	ILL Data Portal	No	8
12.	Gene Expression Omnibus	No	5
13.	PANGAEA	Yes	3
14.	Mass Spectrometry Interactive Virtual Environment	No	3
15.	GigaDB	No	2
16.	Yoda	No	2
17.	Flanders Marine Institute	No	2

1 - 26 / 26

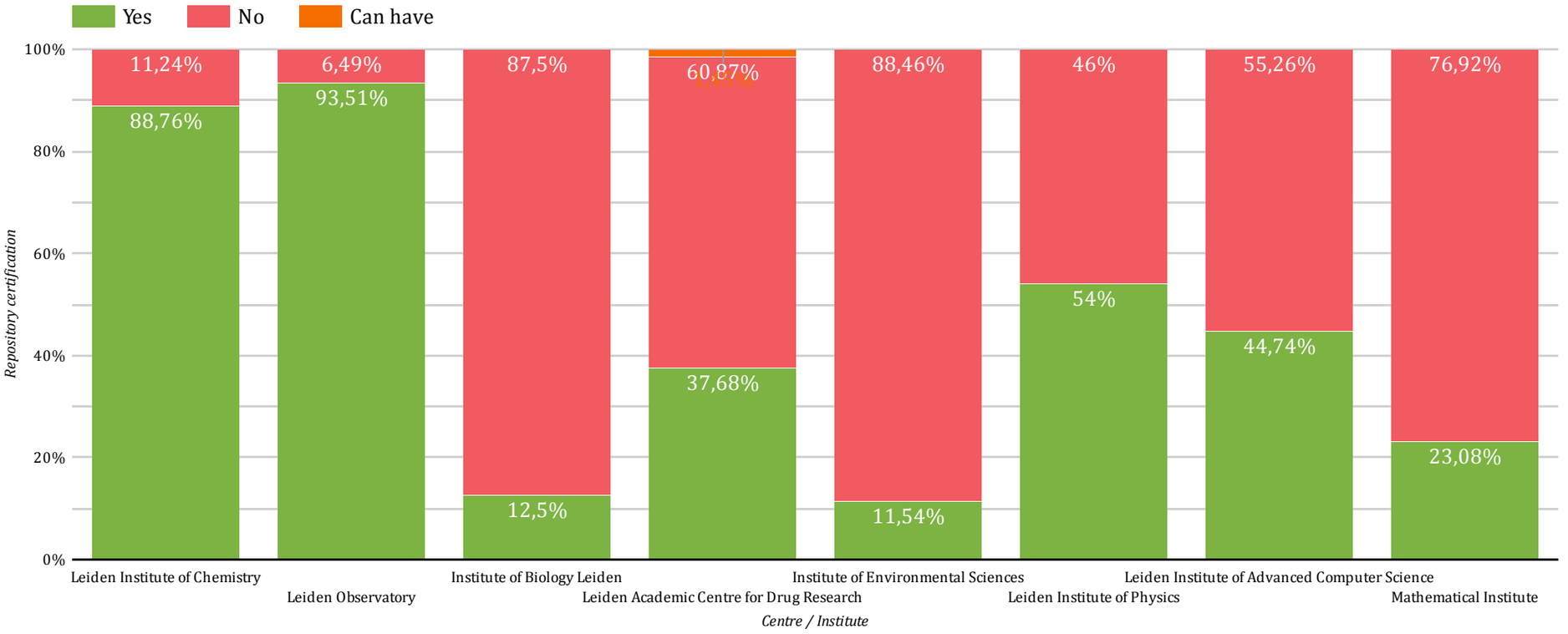
Percentage of datasets depending on the certification of their repositories



Datasets
2.496

Repositories used by Leiden University researchers

Compliance of researchers with Data Management Regulations: archiving data in certified repositories.



Datasets
2.496

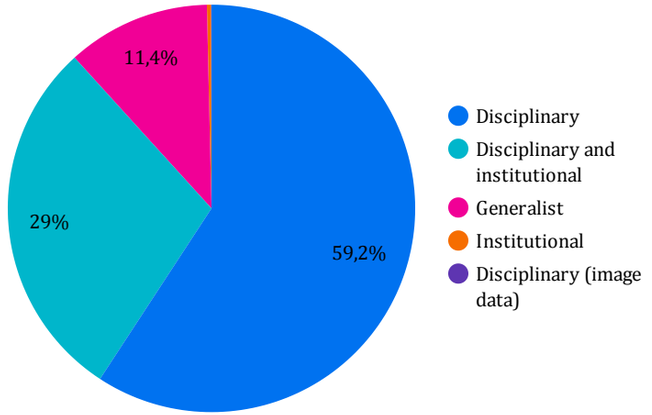
Repositories used by researchers in the Science Faculty

Type of repositories used by researchers and link to the information of each repository (clicking the logo)

Universiteit Leiden
Science

	Repository	Repository type	Datasets ▾
1.	The Cambridge Structural Database	Disciplinary	1.270
2.	Strasbourg Astronomical Data Center	Disciplinary and institutional	675
3.	RCSB Protein Data Bank	Disciplinary	167
4.	Zenodo	Generalist	127
5.	DRYAD	Generalist	95
6.	4TU.ResearchData	Disciplinary and institutional	40
7.	ArrayExpress	Disciplinary	24
8.	Harvard Dataverse	Generalist	22
9.	Mendeley Data	Generalist	22

1 - 26 / 26

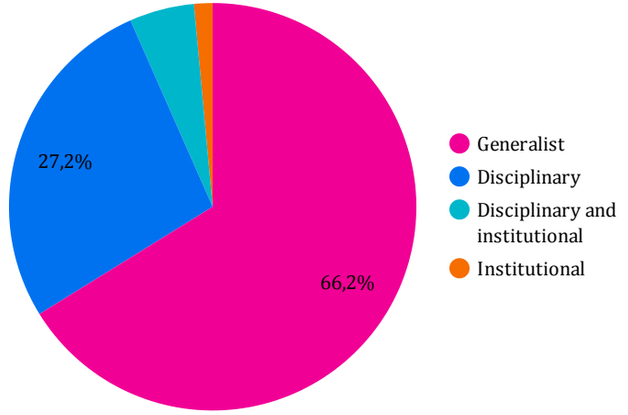


Repositories used by researchers in the Institute of Biology

Type of repositories used by researchers and link to the information of each repository (clicking the logo)

	Repository	Repository type	Datasets ▾
1.	DRYAD	Generalist	66
2.	Zenodo	Generalist	18
3.	ArrayExpress	Disciplinary	18
4.	The Cambridge Structural Database	Disciplinary	6
5.	EASY	Generalist	6
6.	4TU.ResearchData	Disciplinary and institutional	5
7.	RCSB Protein Data Bank	Disciplinary	4
8.	Mass Spectrometry Interactive Virtual Environm...	Disciplinary	3
9.	Gene Expression Omnibus	Disciplinary	3
10.	Ag Data Commons	Disciplinary	2
11.	Flanders Marine Institute	Disciplinary and institutional	2
12.	Borealis	Institutional	2
13.	Environmental Data Initiative Repository	Disciplinary	1

1 - 13 / 13



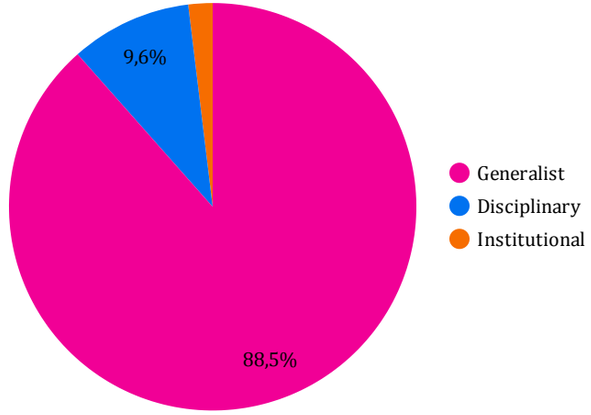
Datasets
136

Repositories used by researchers in the Institute of Environmental Sciences

Type of repositories used by researchers and link to the information of each repository (clicking the logo)

	Repository	Repository type	Datasets
1.	DRYAD	Generalist	25
2.	Zenodo	Generalist	19
3.	PANGAEA	Disciplinary	3
4.	Yoda	Institutional	1
5.	The Cambridge Structural Database	Disciplinary	1
6.	Gene Expression Omnibus	Disciplinary	1
7.	Mendeley Data	Generalist	1
8.	EASY	Generalist	1

1 - 8 / 8



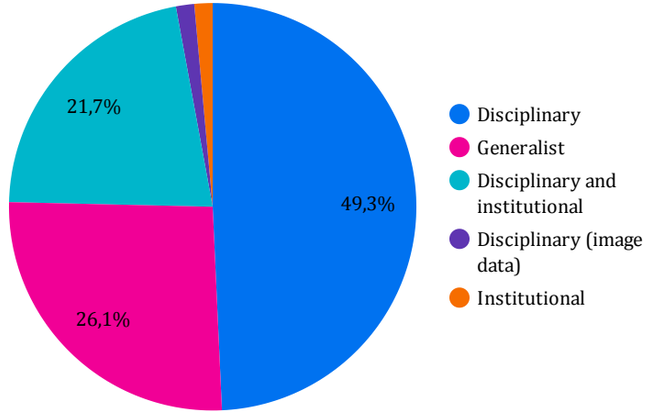
Datasets
52

Repositories used by researchers in the Leiden Academic Centre for Drug Research

Type of repositories used by researchers and link to the information of each repository (clicking the logo)

	Repository	Repository type	Datasets ▾
1.	RCSB Protein Data Bank	Disciplinary	18
2.	Zenodo	Generalist	11
3.	4TU.ResearchData	Disciplinary and institutional	10
4.	The Cambridge Structural Database	Disciplinary	9
5.	ILL Data Portal	Disciplinary and institutional	5
6.	ArrayExpress	Disciplinary	4
7.	EASY	Generalist	4
8.	Mendeley Data	Generalist	3
9.	GigaDB	Disciplinary	2
10.	Image Data Resource	Disciplinary (image data)	1
11.	Gene Expression Omnibus	Disciplinary	1
12.	DataverseNL	Institutional	1

1 - 12 / 12



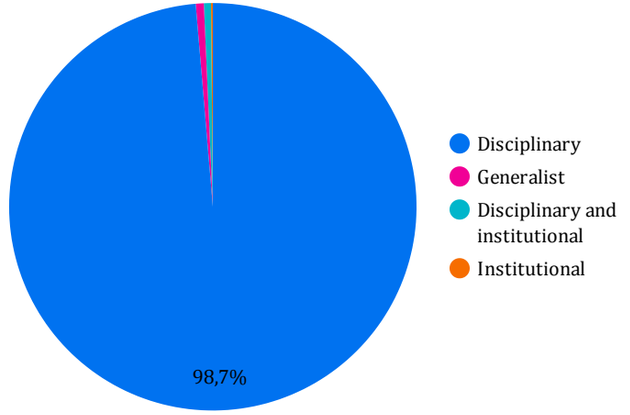
Datasets
69

Repositories used by researchers in the Leiden Institute of Chemistry

Type of repositories used by researchers and link to the information of each repository (clicking the logo)

	Repository	Repository type	Datasets ▾
1.	The Cambridge Structural Database	Disciplinary	1.248
2.	RCSB Protein Data Bank	Disciplinary	145
3.	Zenodo	Generalist	5
4.	4TU.ResearchData	Disciplinary and institutional	5
5.	ILL Data Portal	Disciplinary and institutional	3
6.	Mendeley Data	Generalist	2
7.	DRYAD	Generalist	2
8.	ArrayExpress	Disciplinary	2
9.	Yoda	Institutional	1
10.	Edmond	Institutional	1

1 - 10 / 10



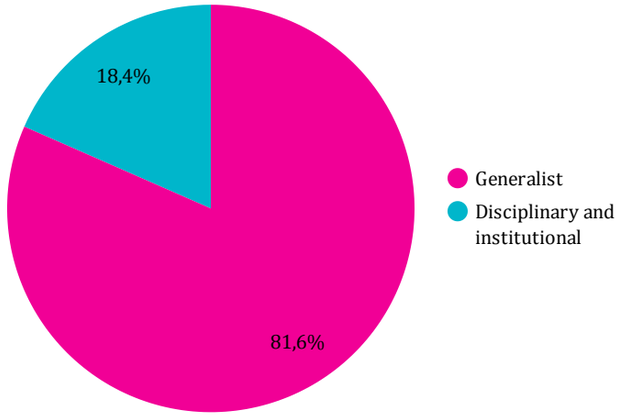
Datasets
1.414

Repositories used by researchers in the Leiden Institute of Advanced Computer Science

Type of repositories used by researchers and link to the information of each repository (clicking the logo)

	Repository	Repository type	Datasets ▾
1.	Zenodo	Generalist	21
2.	4TU.ResearchData	Disciplinary and institutional	7
3.	EASY	Generalist	6
4.	Mendeley Data	Generalist	4

1 - 4 / 4



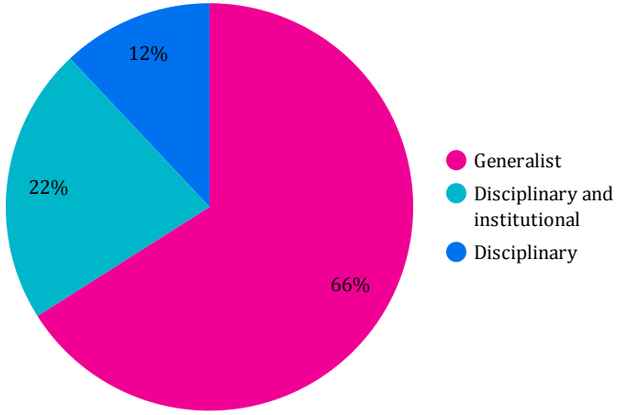
Datasets
38

Repositories used by researchers in the Leiden Institute of Physics

Type of repositories used by researchers and link to the information of each repository (clicking the logo)

	Repository	Repository type	Datasets ▾
1.	Zenodo	Generalist	22
2.	4TU.ResearchData	Disciplinary and institutional	11
3.	Mendeley Data	Generalist	10
4.	The Cambridge Structural Database	Disciplinary	6
5.	Harvard Dataverse	Generalist	1

1 - 5 / 5



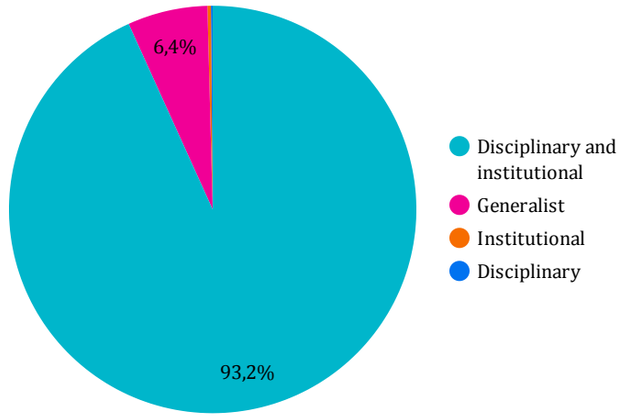
Datasets
50

Repositories used by researchers in the Leiden Observatory

Type of repositories used by researchers and link to the information of each repository (clicking the logo)

	Repository	Repository type	Datasets ▾
1.	Strasbourg Astronomical Data Center	Disciplinary and institutional	675
2.	Zenodo	Generalist	23
3.	Harvard Dataverse	Generalist	21
4.	Mendeley Data	Generalist	2
5.	St Andrews Research portal - Research Data	Institutional	1
6.	ReDATA	Institutional	1
7.	MUSE-Wide	Disciplinary	1

1 - 7 / 7



Datasets
724

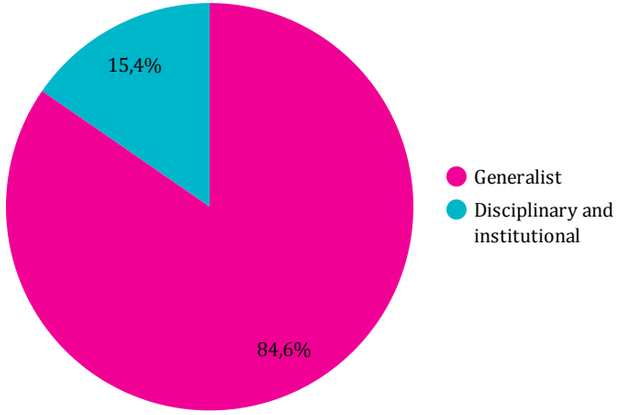
* 1 big collection with 10.852 datasets

Repositories used by researchers in the Mathematical Institute

Type of repositories used by researchers and link to the information of each repository (clicking the logo)

	Repository	Repository type	Datasets
1.	Zenodo	Generalist	8
2.	4TU.ResearchData	Disciplinary and institutional	2
3.	DRYAD	Generalist	2
4.	EASY	Generalist	1

1 - 4 / 4



Datasets
13

Information about repositories

Resources to know more about how to choose a repository.

re3data.org
REGISTRY OF RESEARCH DATA REPOSITORIES

Generalist Repository Comparison Chart

doi: 10.5281/zenodo.3946719

This chart is designed to assist researchers in finding a generalist repository should no domain repository be available to preserve their research data. Generalist repositories accept data regardless of data type, format, content, or disciplinary focus. For this chart, we included a repository available to all researchers specific to clinical trials (Vivli) to bring awareness to those in this field.

https://fairsharing.org/collection/GeneralRepositoryComparison

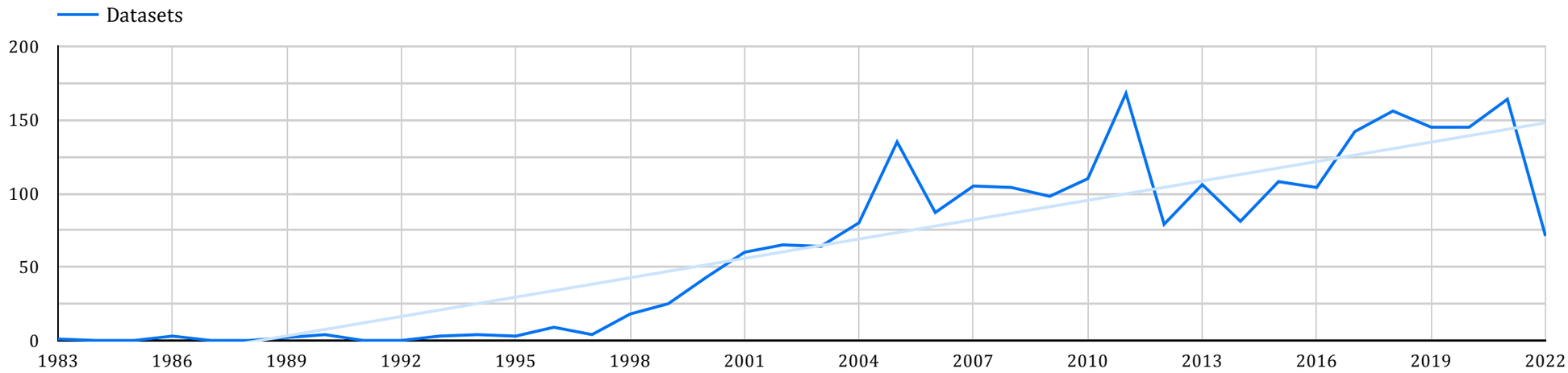
TOPIC	HARVARD DATAVERSE REPOSITORY	DRYAD	FIGSHARE	MENDELEY DATA	OSF	VIVLI	ZENODO

Deposits of datasets per year

Number of datasets deposited per year in the faculty.

As a reference: the first Data Management Regulations were published in 2016.

Institute



Datasets linked to an article

Not all datasets published are related to an article.

List of journals that have articles related to datasets of the faculty.

Institute

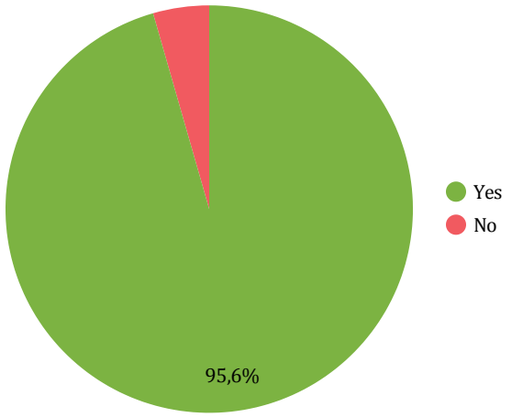
Journal

Universiteit Leiden Science

	Journal	Datasets	Articles
1.	Astronomy & Astrophysics	426	422
2.	Inorganica Chimica Acta	221	104
3.	European Journal of Inorganic Chemistry	180	76
4.	The Astrophysical Journal	178	159
5.	Polyhedron	138	56
6.	Inorganic Chemistry	129	52
7.	Dalton Transactions	125	46
8.	Chemistry - A European Journal	55	26
9.	The Astrophysical Journal Supplement Series	45	45
10.	The Astronomical Journal	44	42
11.	Inorganic Chemistry Communications	35	27
12.	Journal of Chemical Crystallography	29	18
13.	Journal of Inorganic Biochemistry	24	9
14.	Journal of the American Chemical Society	24	15
15.	Organometallics	23	7
16.	Crystal Growth & Design	22	7

1 - 100 / 221

Datasets related to an article



Datasets
2.496

Datasets related to an article
2.385

Metrics related to repositories

Not all repositories allow us to see metrics of datasets.
This is a list of datasets with the number of downloads and views that appear in the repository.

The graphics show the 5 repositories with more downloads or views.

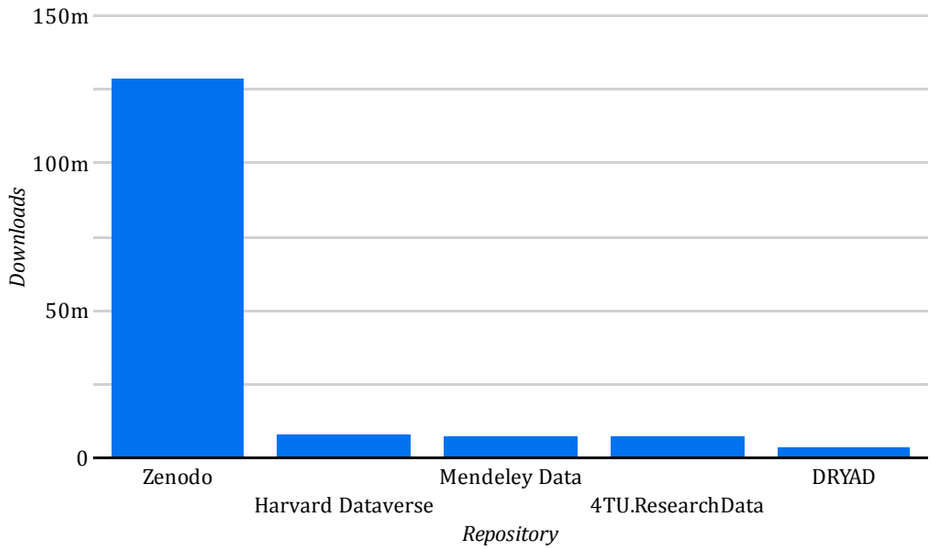
Institute

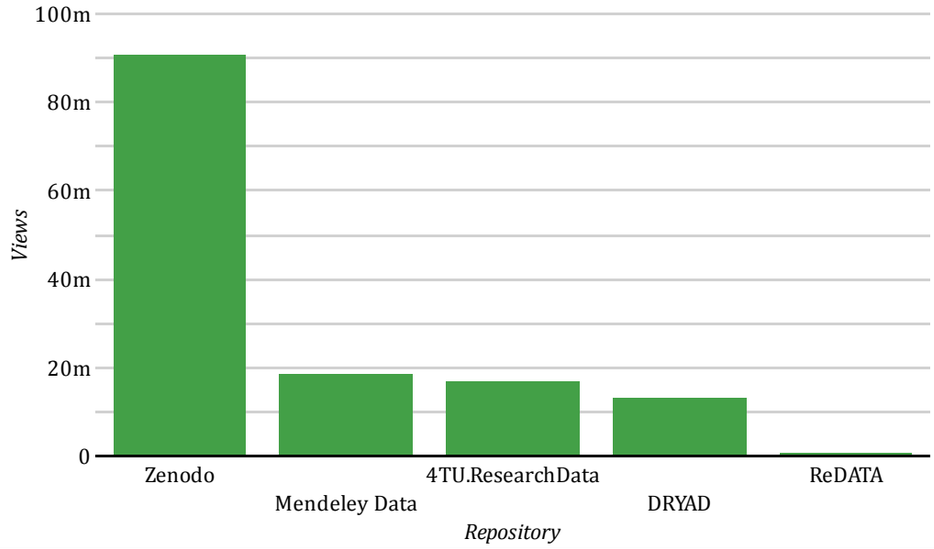
Dataset title

Universiteit Leiden
Science

	Dataset DOI	Dataset title	Repository	Downloads	Views
1.	10.5281/zenodo.5589597	EXIOBASE 3	Zenodo	90.700	55.736
2.	10.5281/zenodo.248374	A multi-resolution, multi-epoch low Radio Frequency Survey of the Kepler K2 Mission Campaign 1 Field	Zenodo	10.484	1.903
3.	10.5281/zenodo.59217	Contact changes in shear-stabilized jammed packings	Zenodo	6.924	64
4.	10.5281/zenodo.3635923	Sub-pixel accuracy in electron detection using a convolutional neural network	Zenodo	5.037	235
5.	10.17632/vwbssmpskp.1	Data and simulations described in J. Jobst et al. 'Quantifying work function differences using low-energy electron microscopy: the case of mixed-terminated strontium titanate' Ultramicroscopy (2019)	Mendeley Data	4.822	7.942
6.	10.5281/zenodo.4721394	"How baryons can significantly bias cluster count cosmology" by Debackere et al. dataset	Zenodo	2.852	75
7.	10.17632/zdh2phb3b4.4	Structural Bias in Optimisation Algorithms: Extended Results	Mendeley Data	2.314	2.574

1 - 100 / 2496





LU Contributors in the datasets

List with the principal LU contributors to the datasets and metrics associated with these contributors.

The graphic shows the 10 researchers with more published datasets.

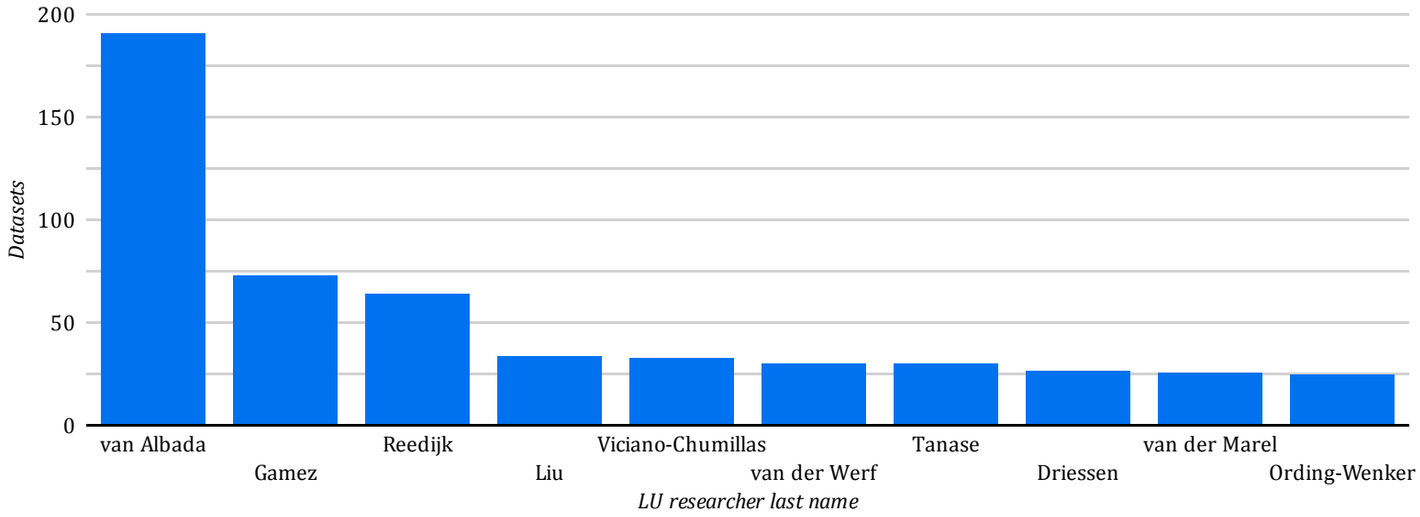
Institute

Author last name

Universiteit Leiden
Science

	First name	Last name	ORCID	Scopus ID	Datasets	Downloads	Views
1.	Gerard	van Albada	null	7006224811	191	null	null
2.	Patrick	Gamez	0000-0003-2602-9525	7003852716	73	null	null
3.	Jan	Reedijk	0000-0002-6739-8514	7103016042	64	null	null
4.	Marta	Viciano-Chumillas	0000-0001-7997-5908	15137149800	33	null	null
5.	Stefania	Tanase	null	7005529829	30	null	null
6.	Paul	van der Werf	0000-0001-5434-5942	7005314734	30	null	null
7.	Xue	Liu	0000-0002-9723-4393	56480926900	28	null	null
8.	Erica	Ording-Wenker	0000-0001-9179-6419	55935776800	25	null	null
9.	Marijn	Franx	0000-0002-8871-3026	35418399900	25	null	null
10.	Navraj	Pannu	0000-0002-1661-4432	6603790127	24	null	null

1 - 100 / 624

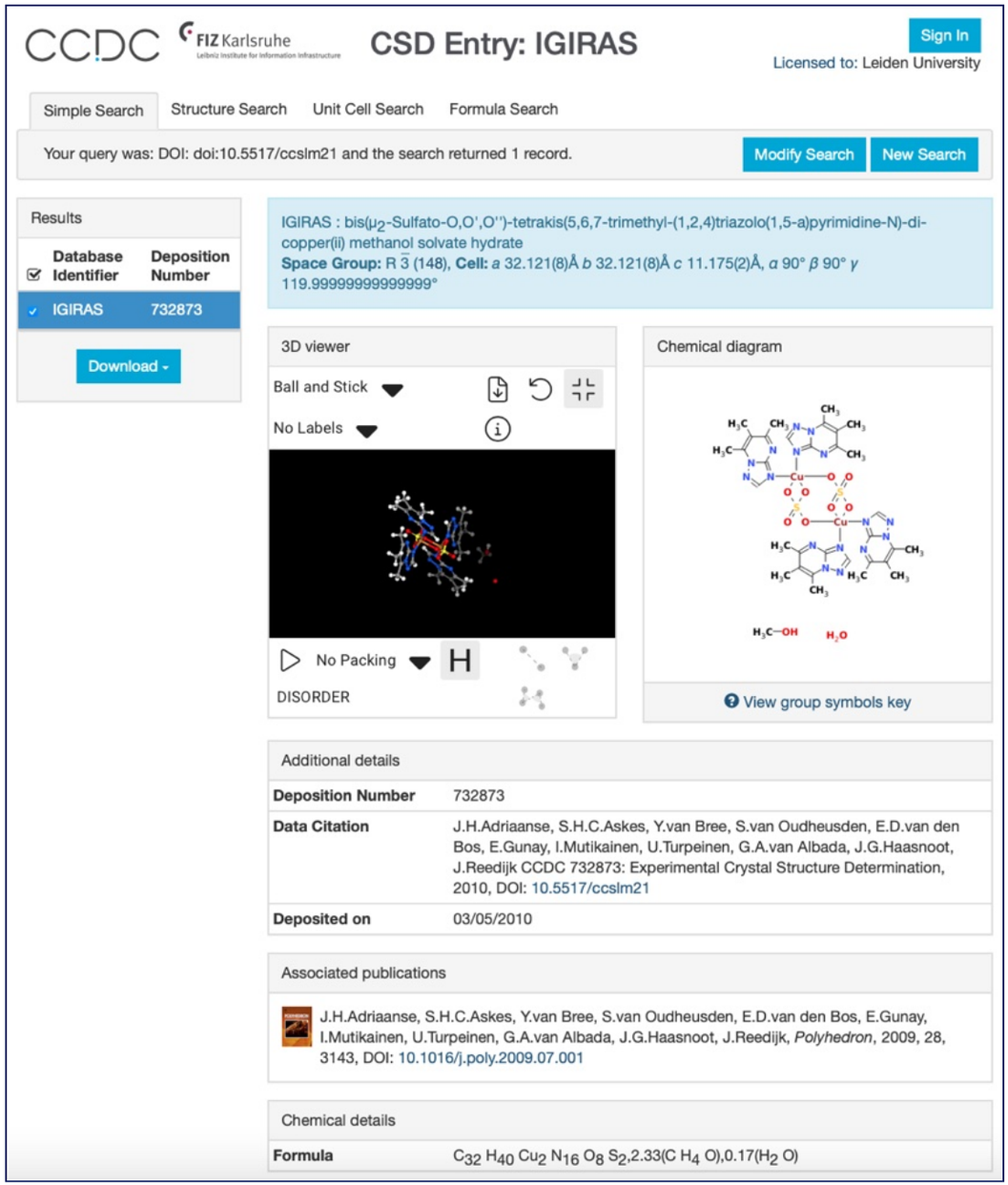


Datasets
2.496

Universiteit Leiden
Science

Núria Raga Raga
Centre for Digital Scholarship
n.raga.raga@library.leidenuniv.nl

The Cambridge Structural Database



DOI: 10.17616/R36011

Certification: CoreTrustSeal

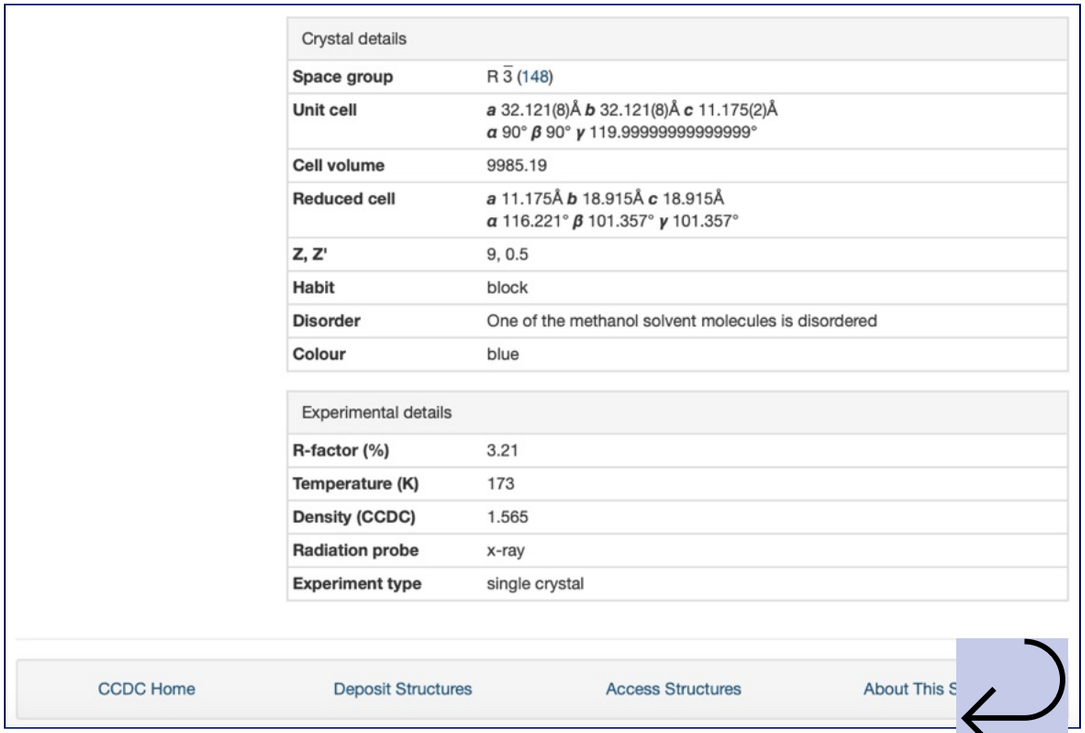
Repository type: Disciplinary

Subjects: Organic chemistry, biochemistry, organic molecular chemistry, chemistry

Principal institution: Cambridge Crystallographic Data Centre - CCDC (UK)

Persistent identifier system: DOI

Metrics: None



Strasbourg Astronomical Data Center

DOI: 10.17616/R3690R

Certification: CoreTrustSeal

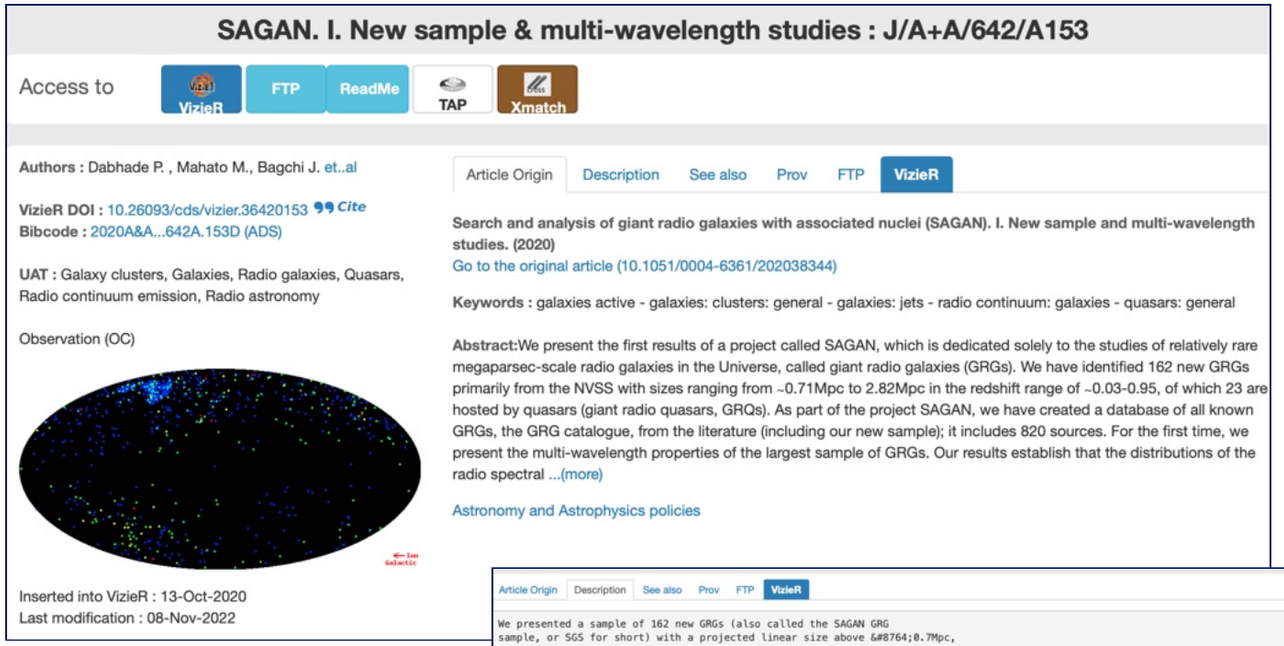
Repository type: Disciplinary and institutional

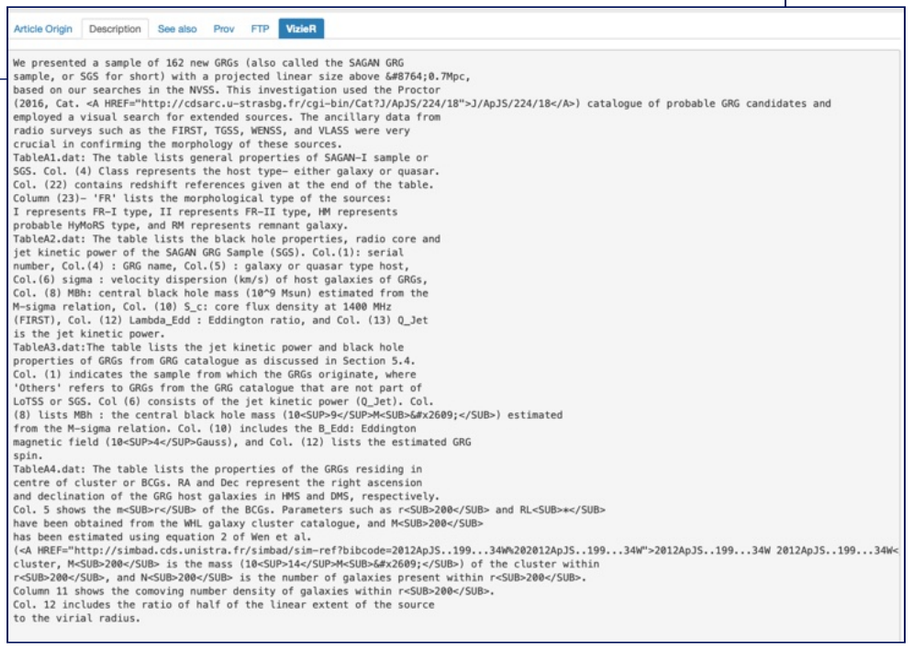
Subjects: Natural sciences, physics, astrophysics and astronomy

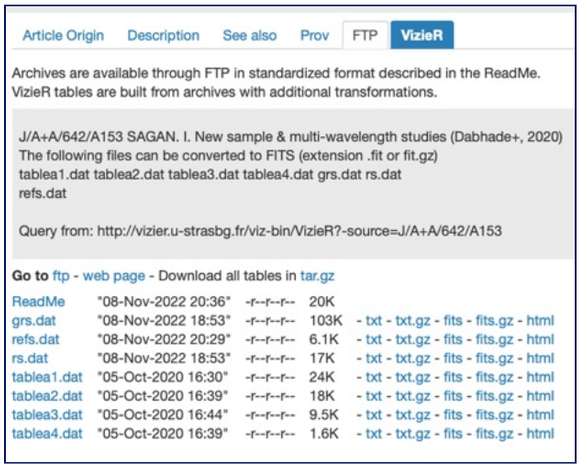
Principal institution: Centre National de la Recherche Scientifique - CNRS (France)

Persistent identifier system: DOI

Metrics: None







RCSB Protein Data Bank

DOI: 10.17616/R3KK66

Certification: None

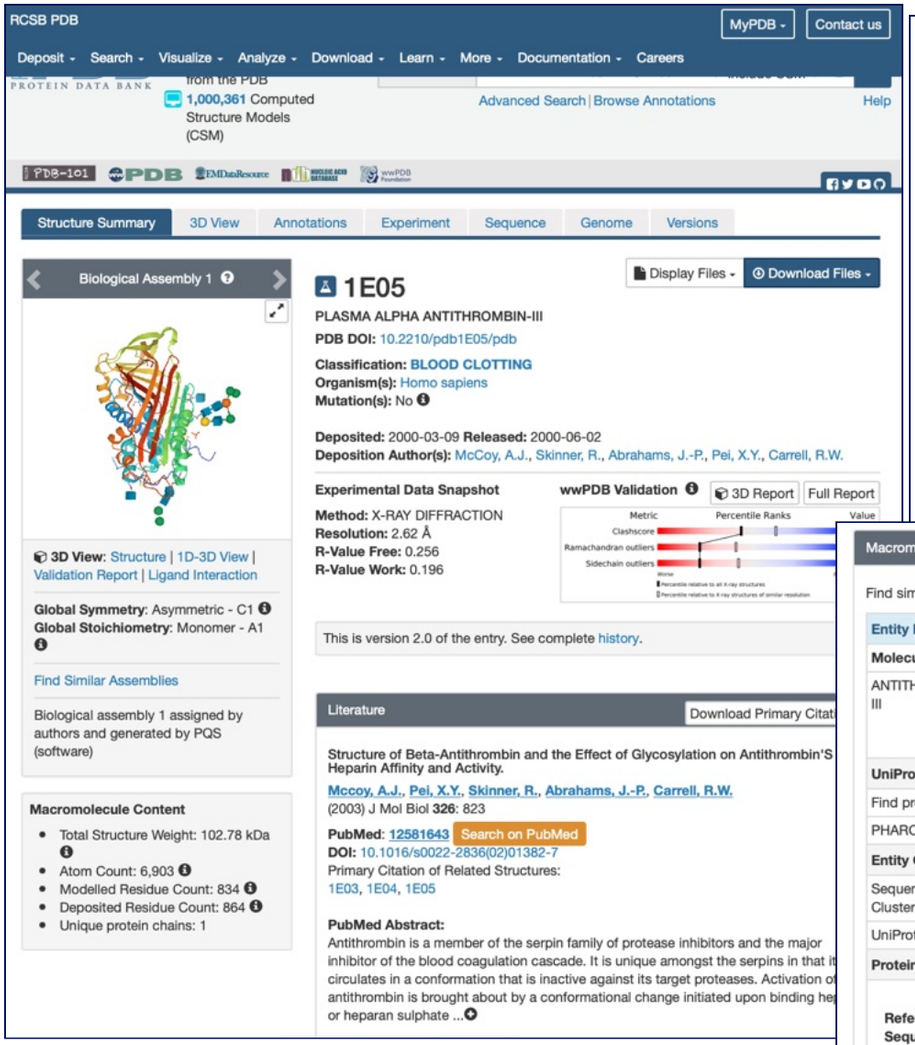
Repository type: Disciplinary

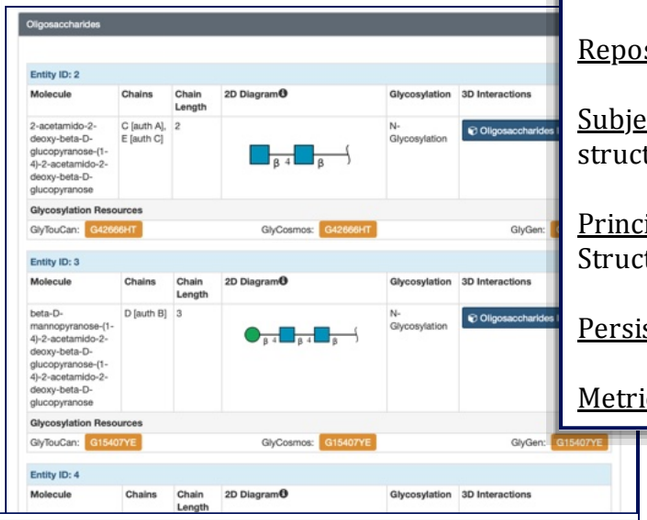
Subjects: Microbiology, virology, immunology, structural biology, medicine

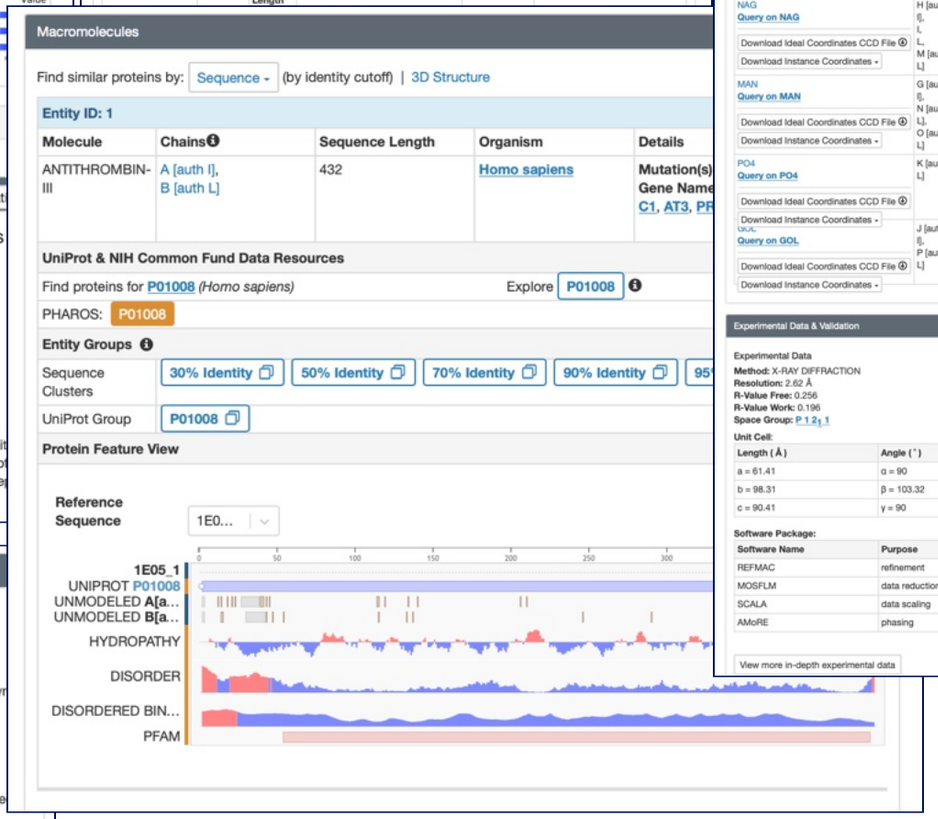
Principal institution: Research Collaboratory for Structural Bioinformatics - RCSB (US)

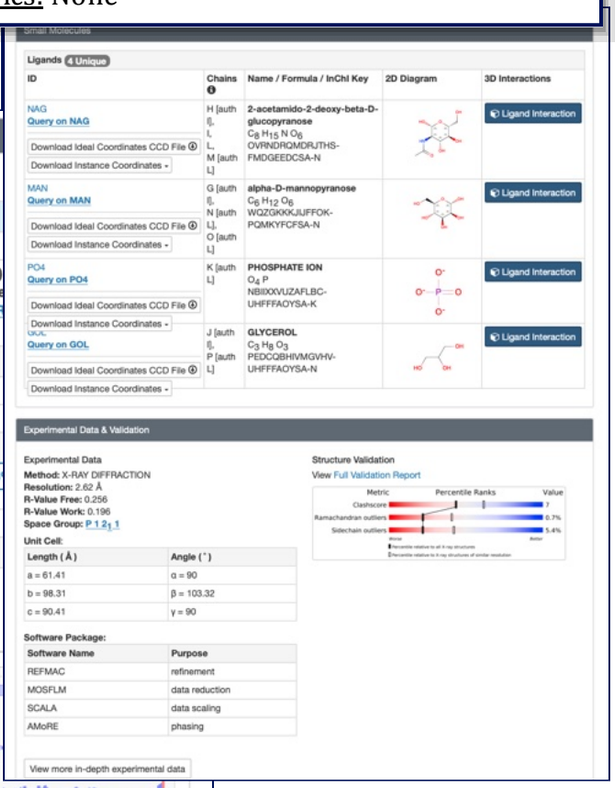
Persistent identifier system: DOI

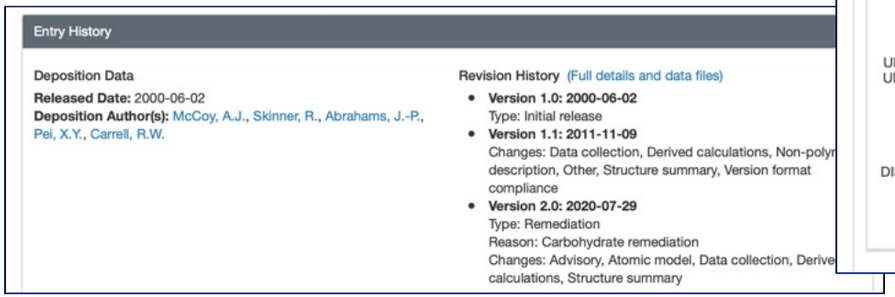
Metrics: None











Zenodo

DOI: 10.17616/R3QP53

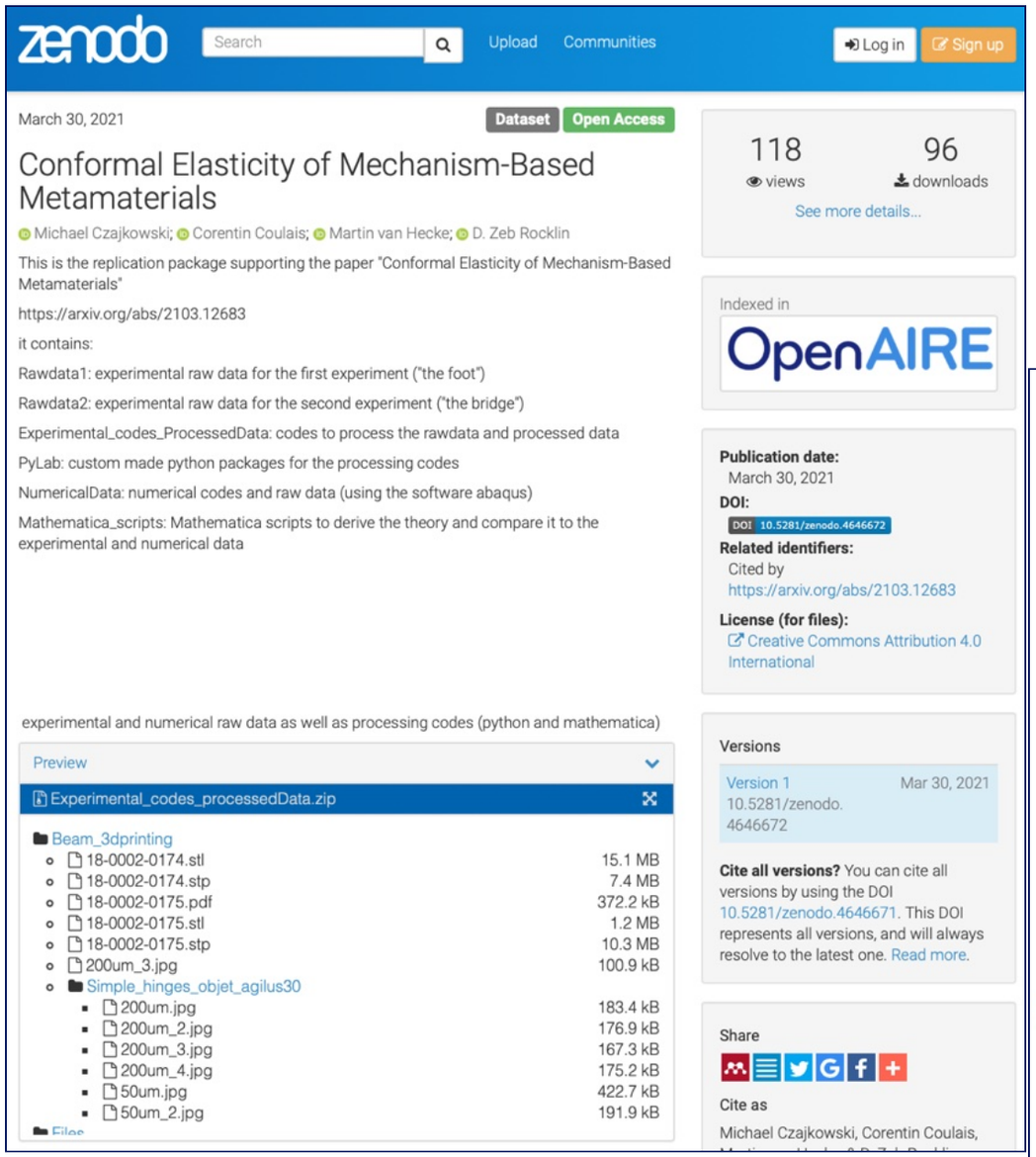
Certification: None

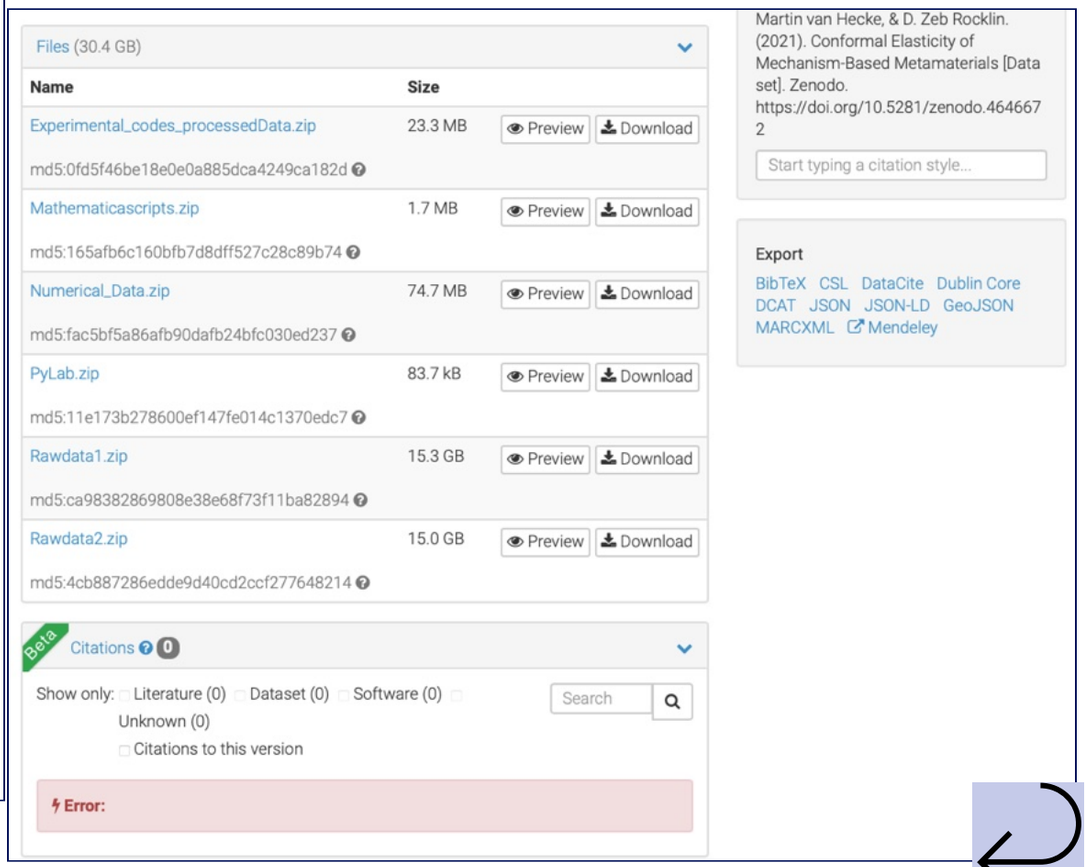
Repository type: Generalist

Principal institution: European Organization for Nuclear Research - CERN (European Union)

Persistent identifier system: DOI

Metrics: Views and downloads





DRYAD

DOI: 10.17616/R34S33

Certification: None

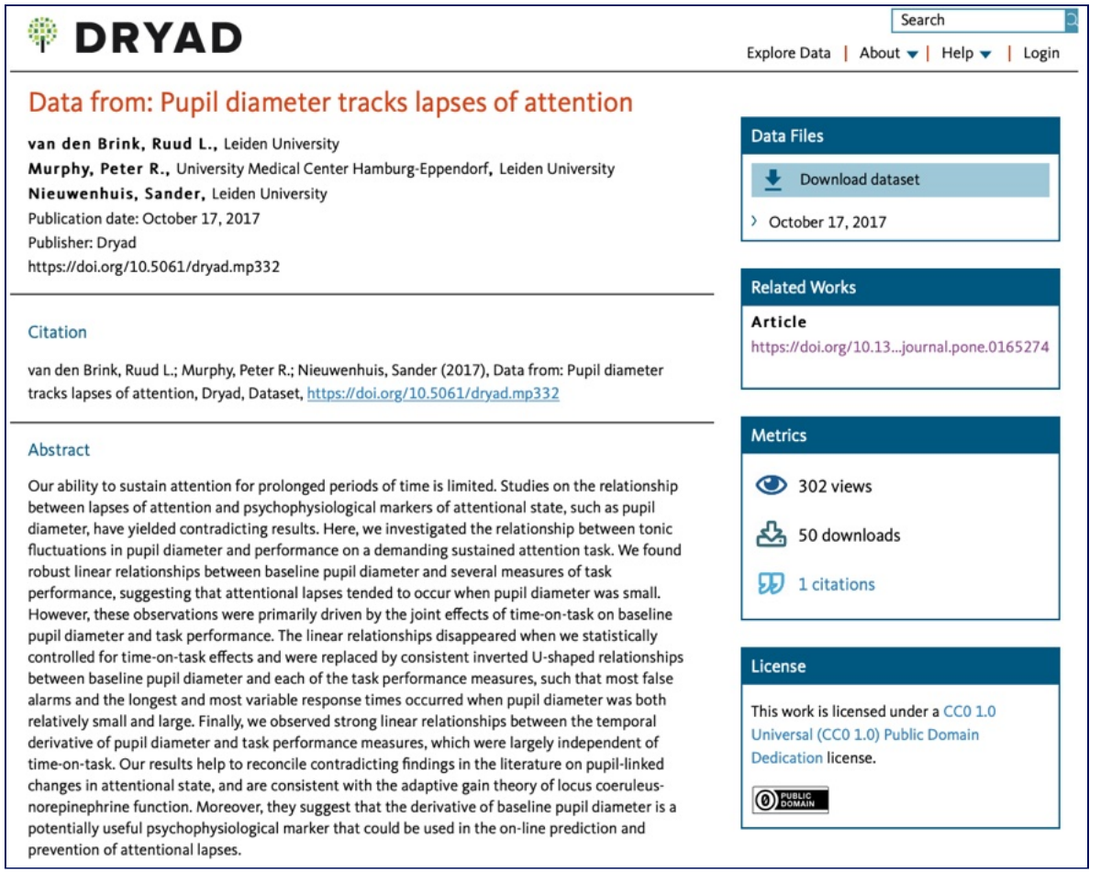
Repository type: Generalist

Principal institution: DRYAD (International)

Persistent identifier system: DOI

Metrics: Views, downloads and citations

*Preservation: Merritt repository



DRYAD

Search

Explore Data | About | Help | Login

Data from: Pupil diameter tracks lapses of attention

van den Brink, Ruud L., Leiden University
Murphy, Peter R., University Medical Center Hamburg-Eppendorf, Leiden University
Nieuwenhuis, Sander, Leiden University
Publication date: October 17, 2017
Publisher: Dryad
https://doi.org/10.5061/dryad.mp332

Citation

van den Brink, Ruud L.; Murphy, Peter R.; Nieuwenhuis, Sander (2017), Data from: Pupil diameter tracks lapses of attention, Dryad, Dataset, https://doi.org/10.5061/dryad.mp332

Abstract

Our ability to sustain attention for prolonged periods of time is limited. Studies on the relationship between lapses of attention and psychophysiological markers of attentional state, such as pupil diameter, have yielded contradicting results. Here, we investigated the relationship between tonic fluctuations in pupil diameter and performance on a demanding sustained attention task. We found robust linear relationships between baseline pupil diameter and several measures of task performance, suggesting that attentional lapses tended to occur when pupil diameter was small. However, these observations were primarily driven by the joint effects of time-on-task on baseline pupil diameter and task performance. The linear relationships disappeared when we statistically controlled for time-on-task effects and were replaced by consistent inverted U-shaped relationships between baseline pupil diameter and each of the task performance measures, such that most false alarms and the longest and most variable response times occurred when pupil diameter was both relatively small and large. Finally, we observed strong linear relationships between the temporal derivative of pupil diameter and task performance measures, which were largely independent of time-on-task. Our results help to reconcile contradicting findings in the literature on pupil-linked changes in attentional state, and are consistent with the adaptive gain theory of locus coeruleus-norepinephrine function. Moreover, they suggest that the derivative of baseline pupil diameter is a potentially useful psychophysiological marker that could be used in the on-line prediction and prevention of attentional lapses.

Data Files

Download dataset

October 17, 2017

Related Works

Article
https://doi.org/10.13...journal.pone.0165274

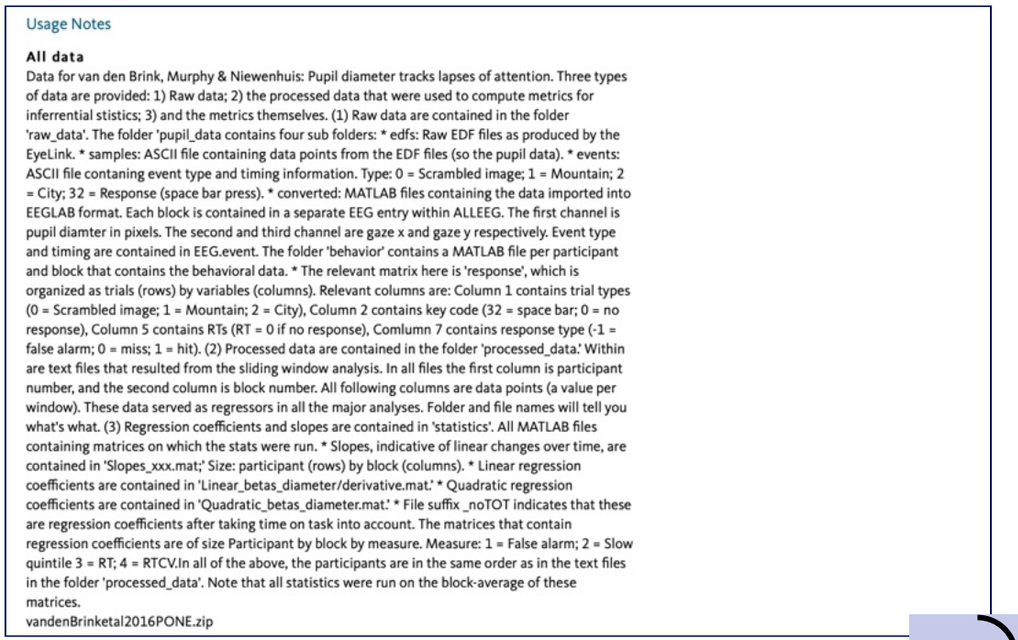
Metrics

302 views

50 downloads

1 citations

License



Usage Notes

All data

Data for van den Brink, Murphy & Niewenhuis: Pupil diameter tracks lapses of attention. Three types of data are provided: 1) Raw data; 2) the processed data that were used to compute metrics for inferential stistics; 3) and the metrics themselves. (1) Raw data are contained in the folder 'raw_data'. The folder 'pupil_data contains four sub folders: * edfs: Raw EDF files as produced by the EyeLink. * samples: ASCII file containing data points from the EDF files (so the pupil data). * events: ASCII file contaning event type and timing information. Type: 0 = Scrambled image; 1 = Mountain; 2 = City; 32 = Response (space bar press). * converted: MATLAB files containing the data imported into EEGLAB format. Each block is contained in a separate EEG entry within ALLEEG. The first channel is pupil diamter in pixels. The second and third channel are gaze x and gaze y respectively. Event type and timing are contained in EEG.event. The folder 'behavior' contains a MATLAB file per participant and block that contains the behavioral data. * The relevant matrix here is 'response', which is organized as trials (rows) by variables (columns). Relevant columns are: Column 1 contains trial types (0 = Scrambled image; 1 = Mountain; 2 = City), Column 2 contains key code (32 = space bar; 0 = no response), Column 5 contains RTs (RT = 0 if no response), Comlumn 7 contains response type (-1 = false alarm; 0 = miss; 1 = hit). (2) Processed data are contained in the folder 'processed_data.' Within are text files that resulted from the sliding window analysis. In all files the first column is participant number, and the second column is block number. All following columns are data points (a value per window). These data served as regressors in all the major analyses. Folder and file names will tell you what's what. (3) Regression coefficients and slopes are contained in 'statistics'. All MATLAB files containing matrices on which the stats were run. * Slopes, indicative of linear changes over time, are contained in 'Slopes_xxx.mat;' Size: participant (rows) by block (columns). * Linear regression coefficients are contained in 'Linear_betas_diameter/derivative.mat.' * Quadratic regression coefficients are contained in 'Quadratic_betas_diameter.mat.' * File suffix _noTOT indicates that these are regression coefficients after taking time on task into account. The matrices that contain regression coefficients are of size Participant by block by measure. Measure: 1 = False alarm; 2 = Slow quintile 3 = RT; 4 = RTCV.In all of the above, the participants are in the same order as in the text files in the folder 'processed_data'. Note that all statistics were run on the block-average of these matrices.
vandenBrinketal2016PONE.zip

4TU.ResearchData

DOI: 10.17616/R3VG6N

Certification: CoreTrustSeal

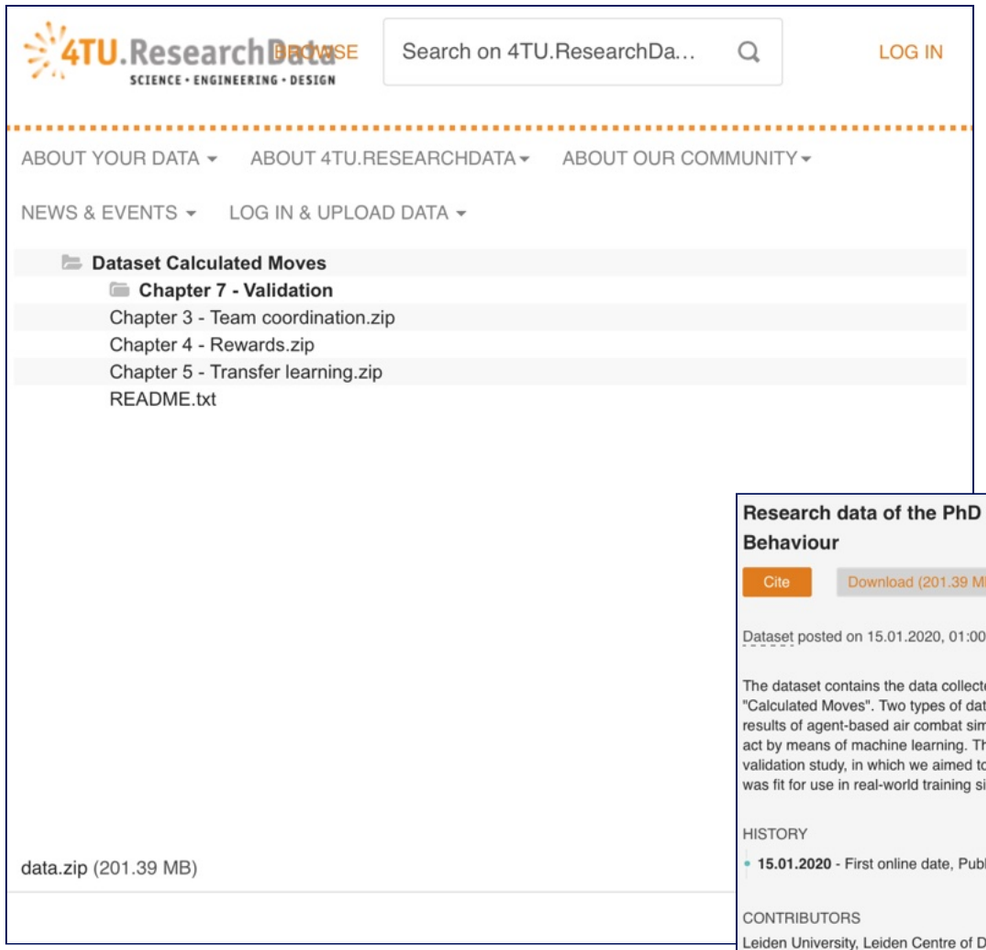
Repository type: Disciplinary and institutional

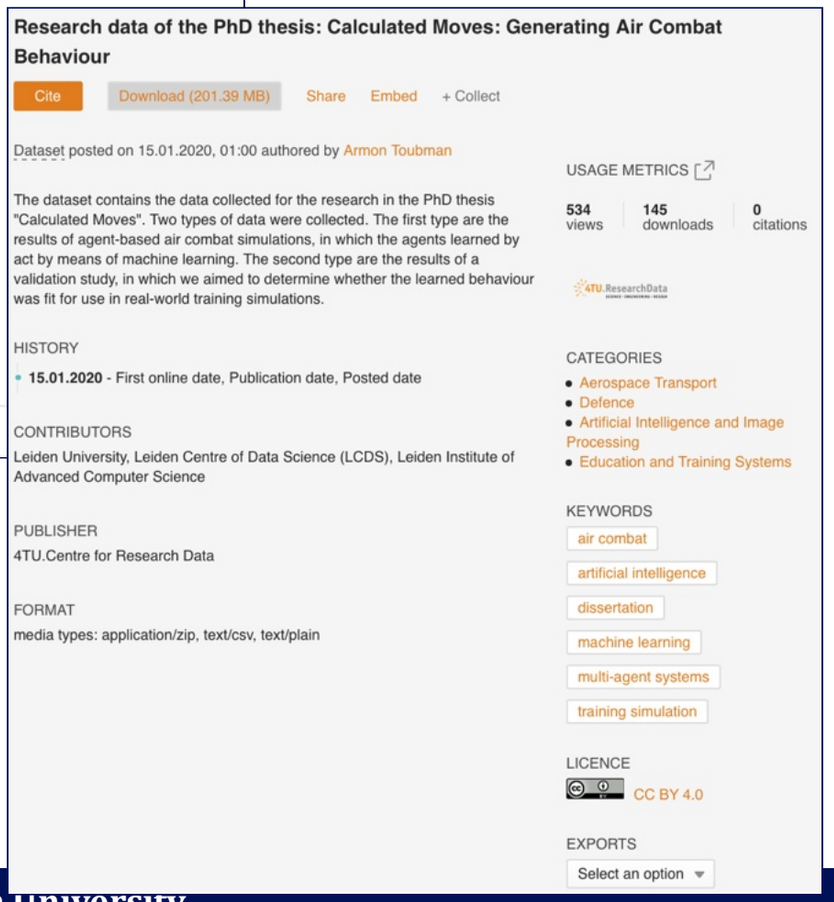
Subjects: Hydrogeology, hydrology, limnology, urban water management, water chemistry, bioinformatics, biology, urbanism, geosciences, construction engineering and architecture

Principal institution: 4TU.Federation (Netherlands)

Persistent identifier system: DOI

Metrics: Views, downloads and citations





ArrayExpress

DOI: 10.17616/R3302G

Certification: None

Repository type: Disciplinary

Subjects: Genetics, cell and developmental biology, metabolism, biochemistry, medicine, zoology, microbiology, virology, immunology

Principal institution: European Molecular Biology Laboratory, European Bioinformatics Institute (European Union)

Persistent identifier system: Other

Metrics: None

Harvard Dataverse

DOI: 10.17616/R3C880

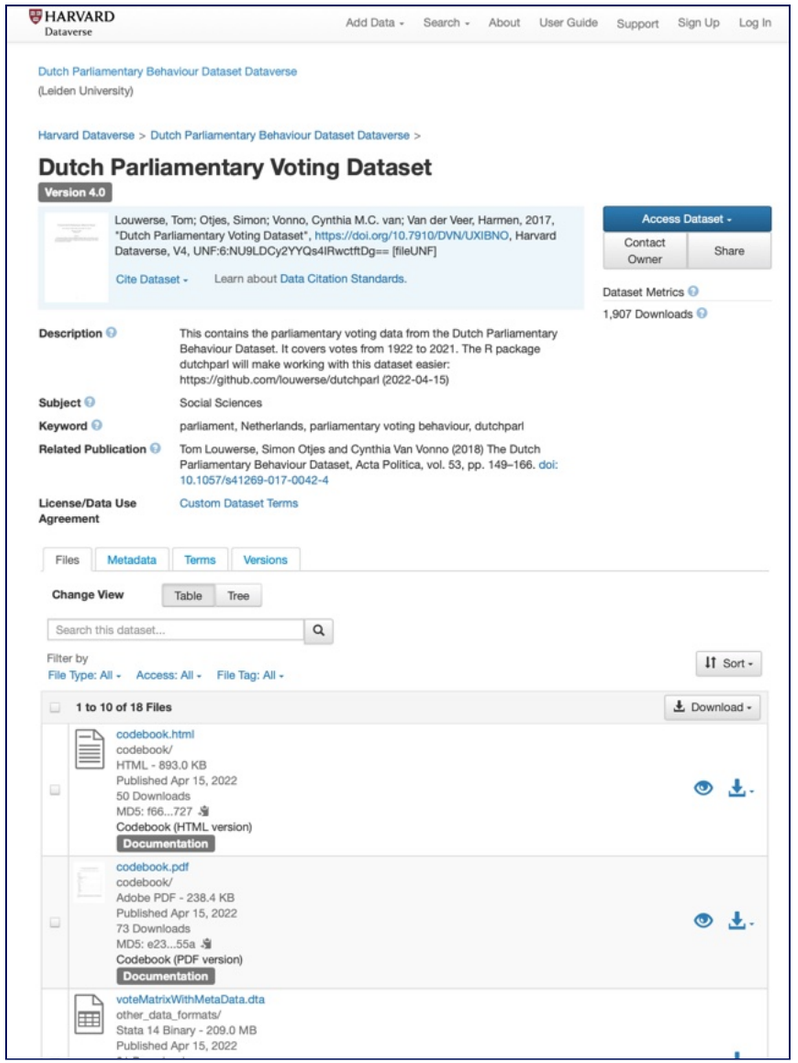
Certification: None

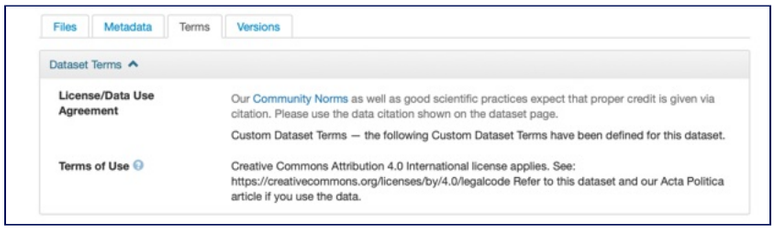
Repository type: Generalist

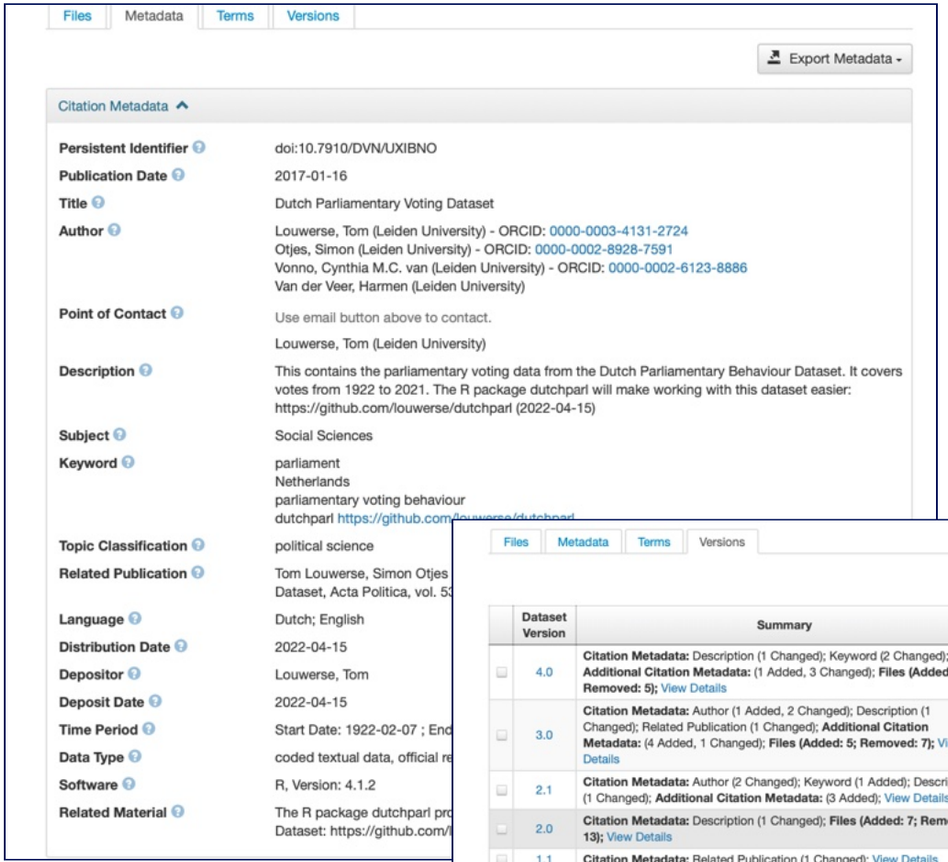
Principal institution: Harvard University (US)

Persistent identifier system: DOI

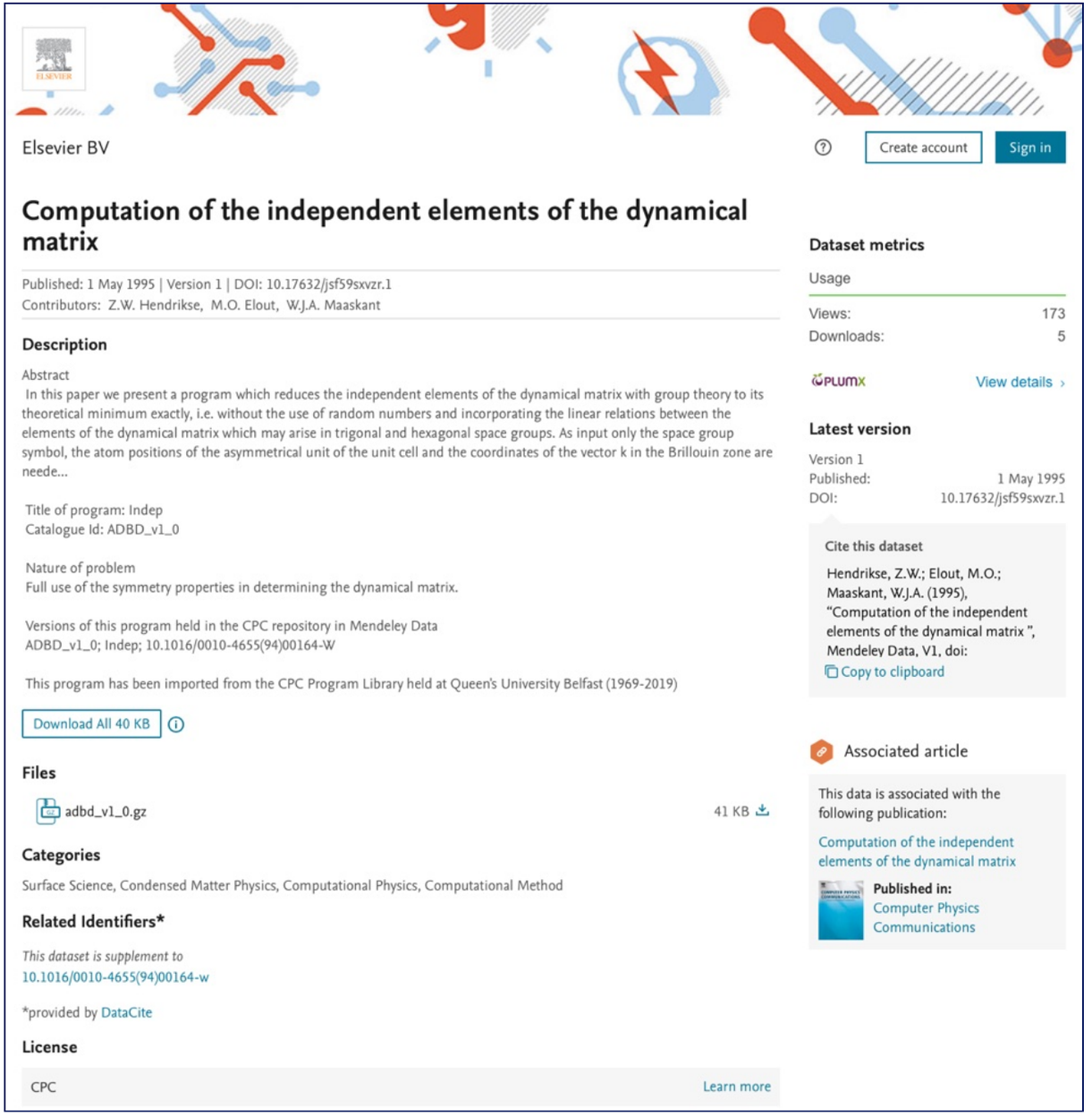
Metrics: Downloads







Mendeley Data



Elsevier BV

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Computation of the independent elements of the dynamical matrix

Published: 1 May 1995 | Version 1 | DOI: 10.17632/jsf59sxvzr.1
Contributors: Z.W. Hendrikse, M.O. Elout, W.J.A. Maaskant

Description

Abstract
In this paper we present a program which reduces the independent elements of the dynamical matrix with group theory to its theoretical minimum exactly, i.e. without the use of random numbers and incorporating the linear relations between the elements of the dynamical matrix which may arise in trigonal and hexagonal space groups. As input only the space group symbol, the atom positions of the asymmetrical unit of the unit cell and the coordinates of the vector k in the Brillouin zone are neede...

Title of program: Indep
Catalogue Id: ADBD_v1_0

Nature of problem
Full use of the symmetry properties in determining the dynamical matrix.

Versions of this program held in the CPC repository in Mendeley Data
ADBD_v1_0; Indep; 10.1016/0010-4655(94)00164-W

This program has been imported from the CPC Program Library held at Queen's University Belfast (1969-2019)

Download All 40 KB

Files

adbd_v1_0.gz 41 KB

Categories

Surface Science, Condensed Matter Physics, Computational Physics, Computational Method

Related Identifiers*

This dataset is supplement to
10.1016/0010-4655(94)00164-w

*provided by DataCite

License

CPC Learn more

Dataset metrics

Usage

Views: 173
Downloads: 5

PLUMX View details ›

Latest version

Version 1
Published: 1 May 1995
DOI: 10.17632/jsf59sxvzr.1

Cite this dataset

Hendrikse, Z.W.; Elout, M.O.; Maaskant, W.J.A. (1995), "Computation of the independent elements of the dynamical matrix ", Mendeley Data, V1, doi:
Copy to clipboard

Associated article

This data is associated with the following publication:

Computation of the independent elements of the dynamical matrix

Published in: Computer Physics Communications

DOI: 10.17616/R3DD11

Certification: CoreTrustSeal

Repository type: Generalist

Principal institution: Elsevier (Netherlands)

Persistent identifier system: DOI and ARK

Metrics: Views, downloads and usage (Plumx)

EASY

EASY

DOI: 10.17616/R3401D

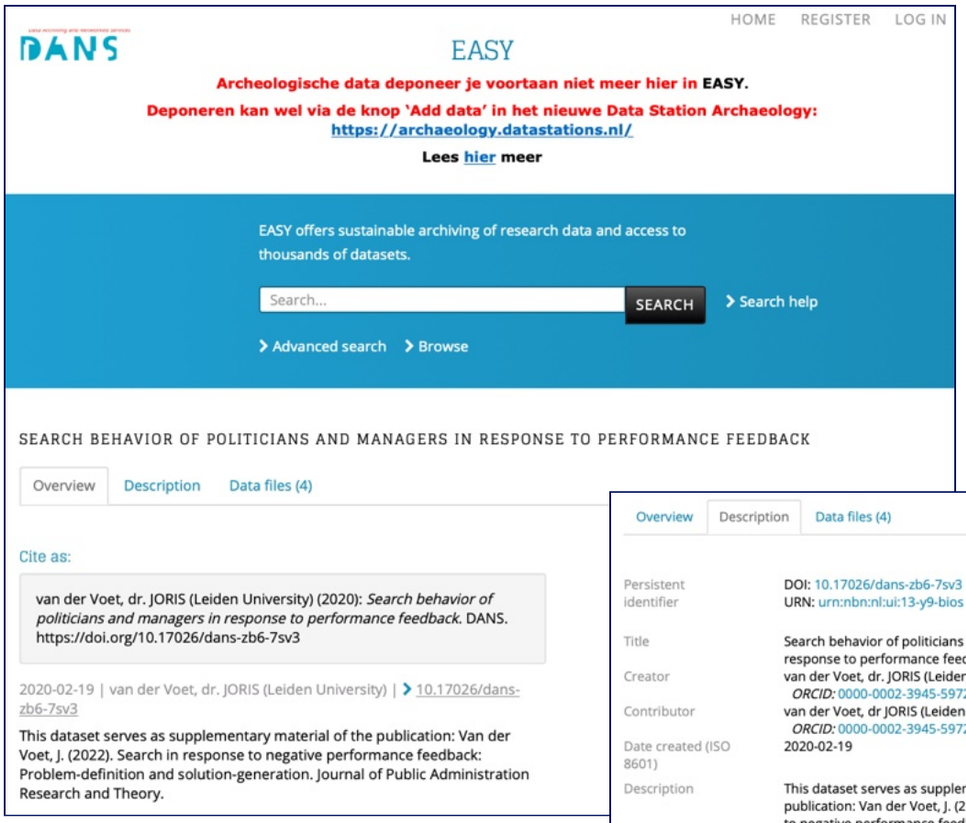
Certification: CoreTrustSeal and DIN31644 standard

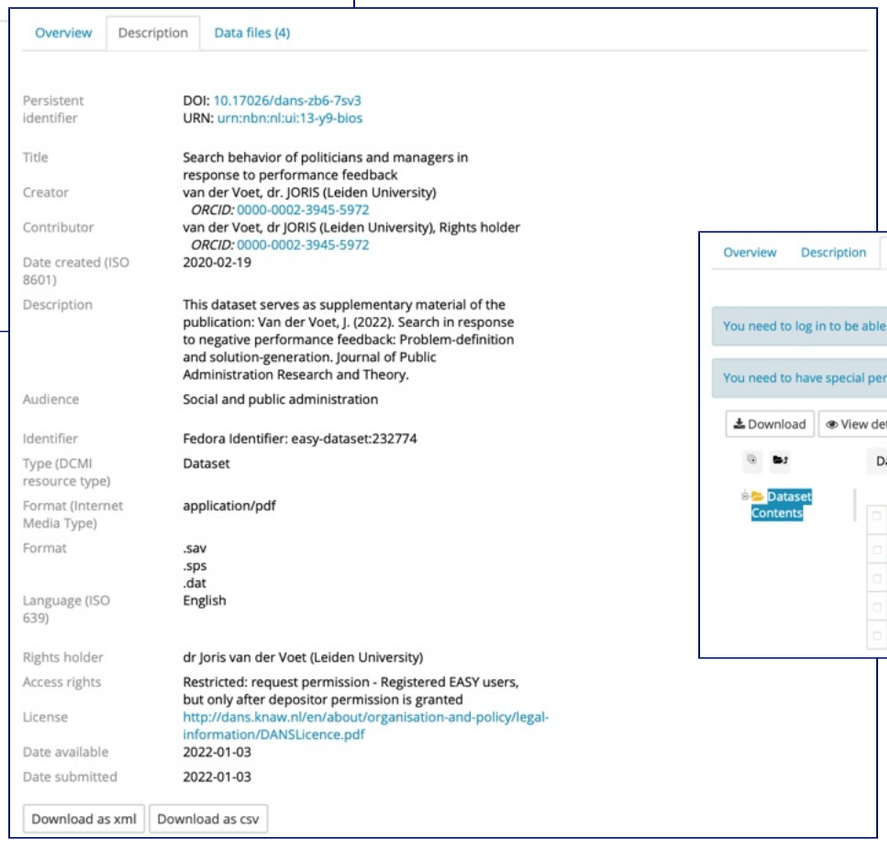
Repository type: Generalist

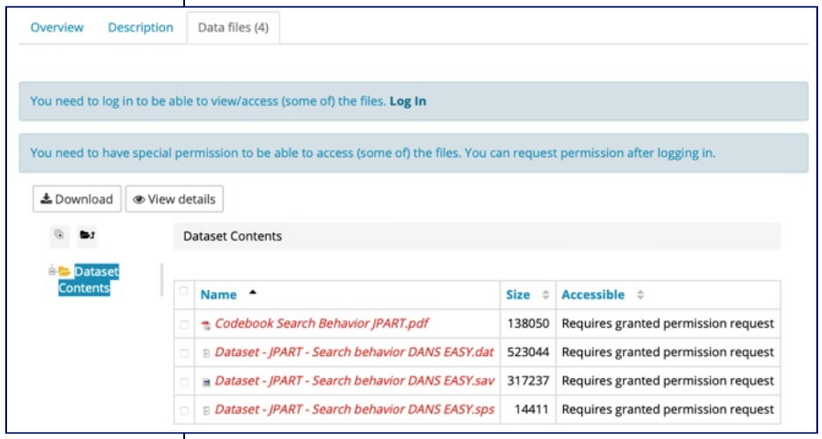
Principal institution: DANS (Netherlands)

Persistent identifier system: DOI and URN

Metrics: None







ILL Data Portal

DOI: 10.17616/R33H18

Certification: None

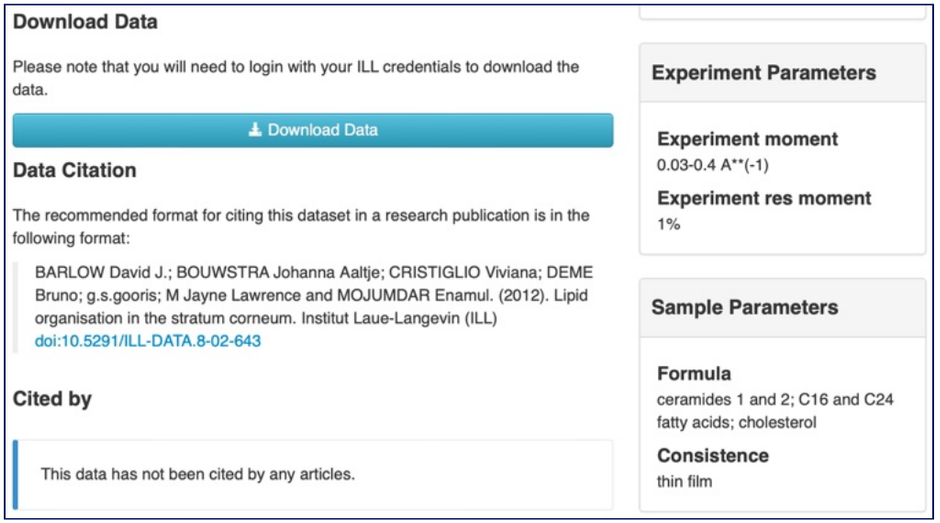
Repository type: Disciplinary and institutional

Subjects: Physics, natural sciences, optics, quantum optics and physics of atoms, molecules and plasmas

Principal institution: Institut Max Von Laue-Paul Langevin (France)

Persistent identifier system: DOI

Metrics: None



Gene Expression Omnibus

DOI: 10.17616/R33P44

Certification: None

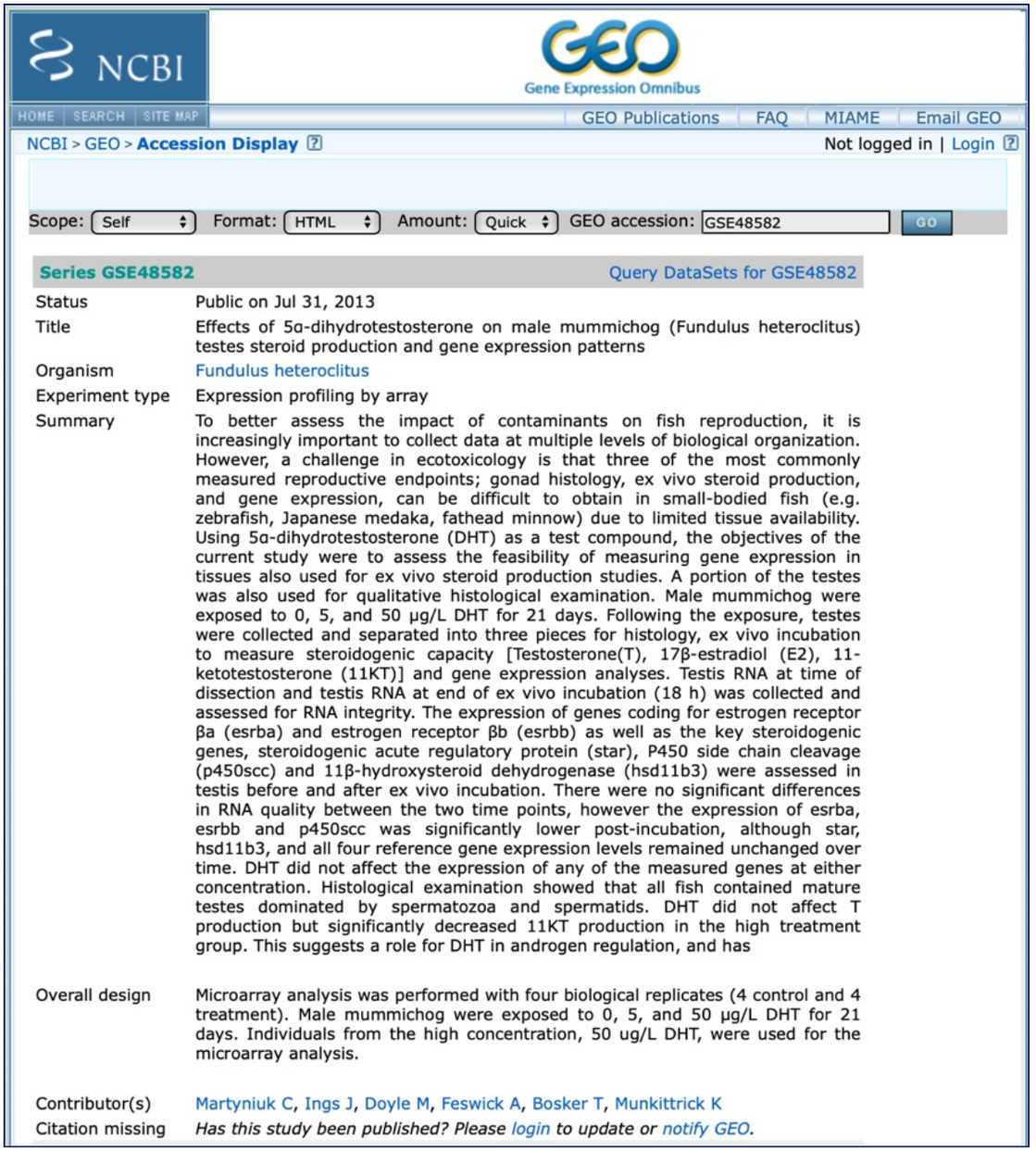
Repository type: Disciplinary

Subjects: Genetics, biology, medicine

Principal institution: National Center for Biotechnology Information and National Institutes of Health, U.S. National Library of Medicine (US)

Persistent identifier system: Other

Metrics: None



NCBI

Gene Expression Omnibus

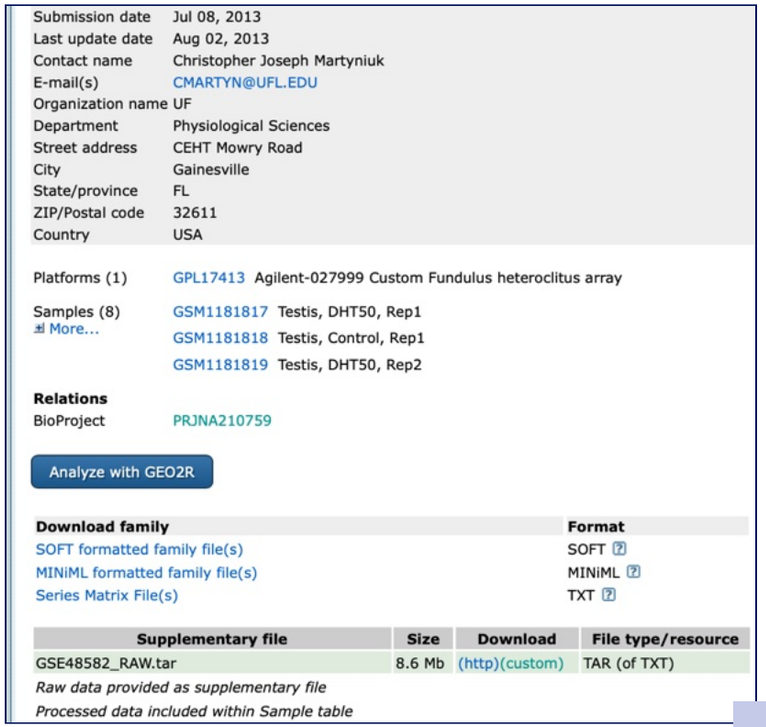
HOME | SEARCH | SITE MAP | GEO Publications | FAQ | MIAME | Email GEO

NCBI > GEO > **Accession Display** | Not logged in | Login

Scope: Self | Format: HTML | Amount: Quick | GEO accession: GSE48582 | GO

Series GSE48582 — Query DataSets for GSE48582

Status	Public on Jul 31, 2013
Title	Effects of 5α-dihydrotestosterone on male mummichog (Fundulus heteroclitus) testes steroid production and gene expression patterns
Organism	Fundulus heteroclitus
Experiment type	Expression profiling by array
Summary	To better assess the impact of contaminants on fish reproduction, it is increasingly important to collect data at multiple levels of biological organization. However, a challenge in ecotoxicology is that three of the most commonly measured reproductive endpoints; gonad histology, ex vivo steroid production, and gene expression, can be difficult to obtain in small-bodied fish (e.g. zebrafish, Japanese medaka, fathead minnow) due to limited tissue availability. Using 5α-dihydrotestosterone (DHT) as a test compound, the objectives of the current study were to assess the feasibility of measuring gene expression in tissues also used for ex vivo steroid production studies. A portion of the testes was also used for qualitative histological examination. Male mummichog were exposed to 0, 5, and 50 µg/L DHT for 21 days. Following the exposure, testes were collected and separated into three pieces for histology, ex vivo incubation to measure steroidogenic capacity [Testosterone(T), 17β-estradiol (E2), 11-ketotestosterone (11KT)] and gene expression analyses. Testis RNA at time of dissection and testis RNA at end of ex vivo incubation (18 h) was collected and assessed for RNA integrity. The expression of genes coding for estrogen receptor βa (esrba) and estrogen receptor βb (esrbb) as well as the key steroidogenic genes, steroidogenic acute regulatory protein (star), P450 side chain cleavage (p450scc) and 11β-hydroxysteroid dehydrogenase (hsd11b3) were assessed in testis before and after ex vivo incubation. There were no significant differences in RNA quality between the two time points, however the expression of esrba, esrbb and p450scc was significantly lower post-incubation, although star, hsd11b3, and all four reference gene expression levels remained unchanged over time. DHT did not affect the expression of any of the measured genes at either concentration. Histological examination showed that all fish contained mature testes dominated by spermatozoa and spermatids. DHT did not affect T production but significantly decreased 11KT production in the high treatment group. This suggests a role for DHT in androgen regulation, and has
Overall design	Microarray analysis was performed with four biological replicates (4 control and 4 treatment). Male mummichog were exposed to 0, 5, and 50 µg/L DHT for 21 days. Individuals from the high concentration, 50 ug/L DHT, were used for the microarray analysis.
Contributor(s)	Martyniuk C, Ings J, Doyle M, Feswick A, Bosker T, Munkittrick K
Citation missing	*Has this study been published? Please login to update or notify GEO.*



Submission date	Jul 08, 2013
Last update date	Aug 02, 2013
Contact name	Christopher Joseph Martyniuk
E-mail(s)	CMARTYN@UFL.EDU
Organization name	UF
Department	Physiological Sciences
Street address	CEHT Mowry Road
City	Gainesville
State/province	FL
ZIP/Postal code	32611
Country	USA

Platforms (1) GPL17413 Agilent-027999 Custom Fundulus heteroclitus array

Samples (8) GSM1181817 Testis, DHT50, Rep1; GSM1181818 Testis, Control, Rep1; GSM1181819 Testis, DHT50, Rep2

More...

Relations

BioProject PRJNA210759

Analyze with GEO2R

Download family	Format
SOFT formatted family file(s)	SOFT
MINiML formatted family file(s)	MINiML
Series Matrix File(s)	TXT

Supplementary file	Size	Download	File type/resource
GSE48582_RAW.tar	8.6 Mb	(http)(custom)	TAR (of TXT)

Raw data provided as supplementary file

Processed data included within Sample table

PANGAEA

DOI: 10.17616/R3XS37

Certification: CoreTrustSeal

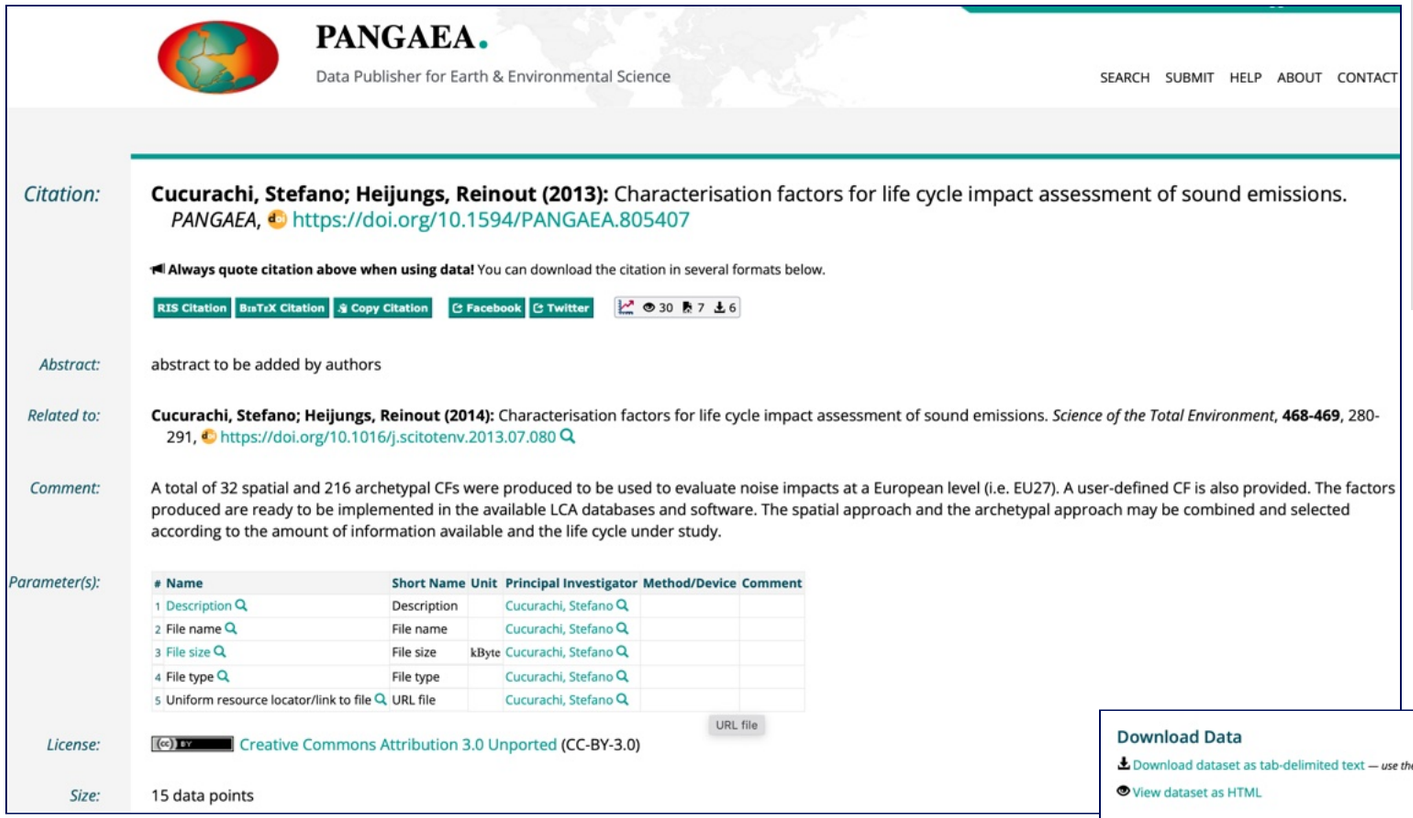
Repository type: Disciplinary

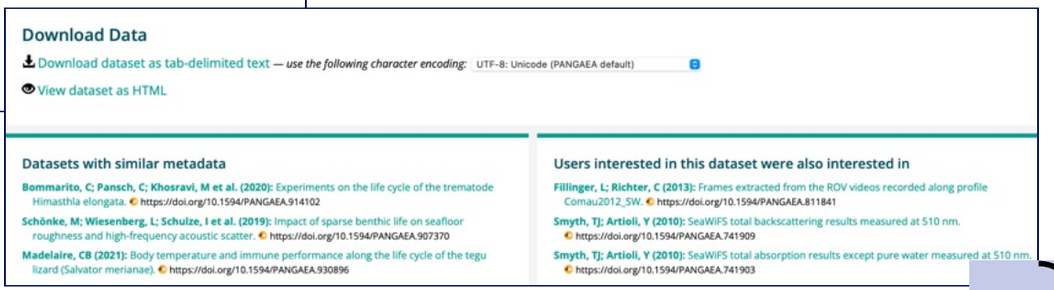
Subjects: Oceanography, geology, biology, palaeontology, geophysics, geochemistry, mineralogy, crystallography, atmospheric science, geodesy

Principal institution: Alfred Wegener Institute - Helmholtz Centre for Polar and Marine Research (Germany)

Persistent identifier system: DOI

Metrics: Views and downloads





MassIVE
Mass Spectrometry
Interactive Virtual Environment

Mass Spectrometry Interactive Virtual Environment

DOI: 10.17616/R3980B

Certification: None

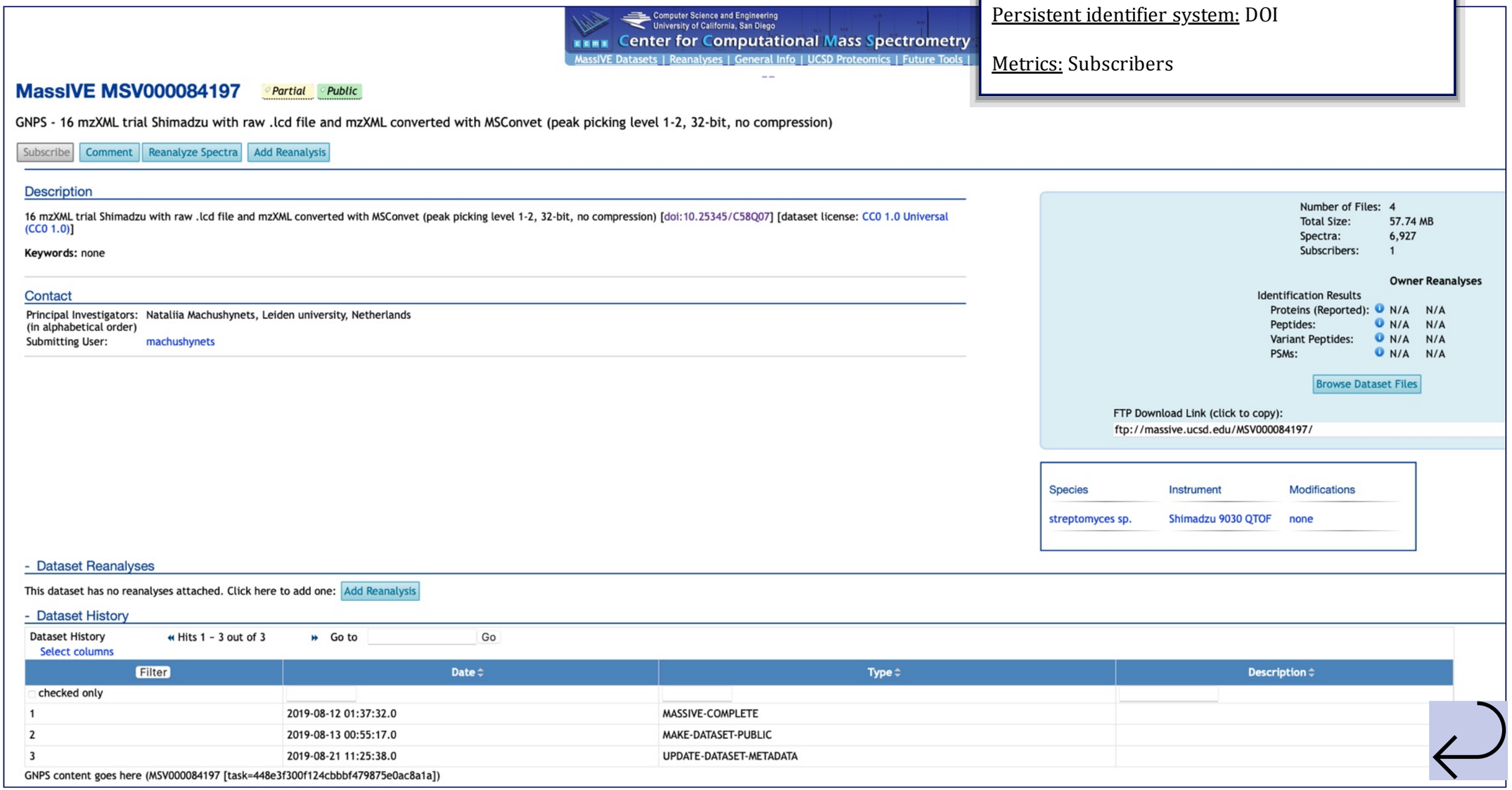
Repository type: Disciplinary

Subjects: Biology, biochemistry

Principal institution: University of California San Diego (US)

Persistent identifier system: DOI

Metrics: Subscribers



GigaDB

DOI: 10.17616/R3TG83

Certification: None

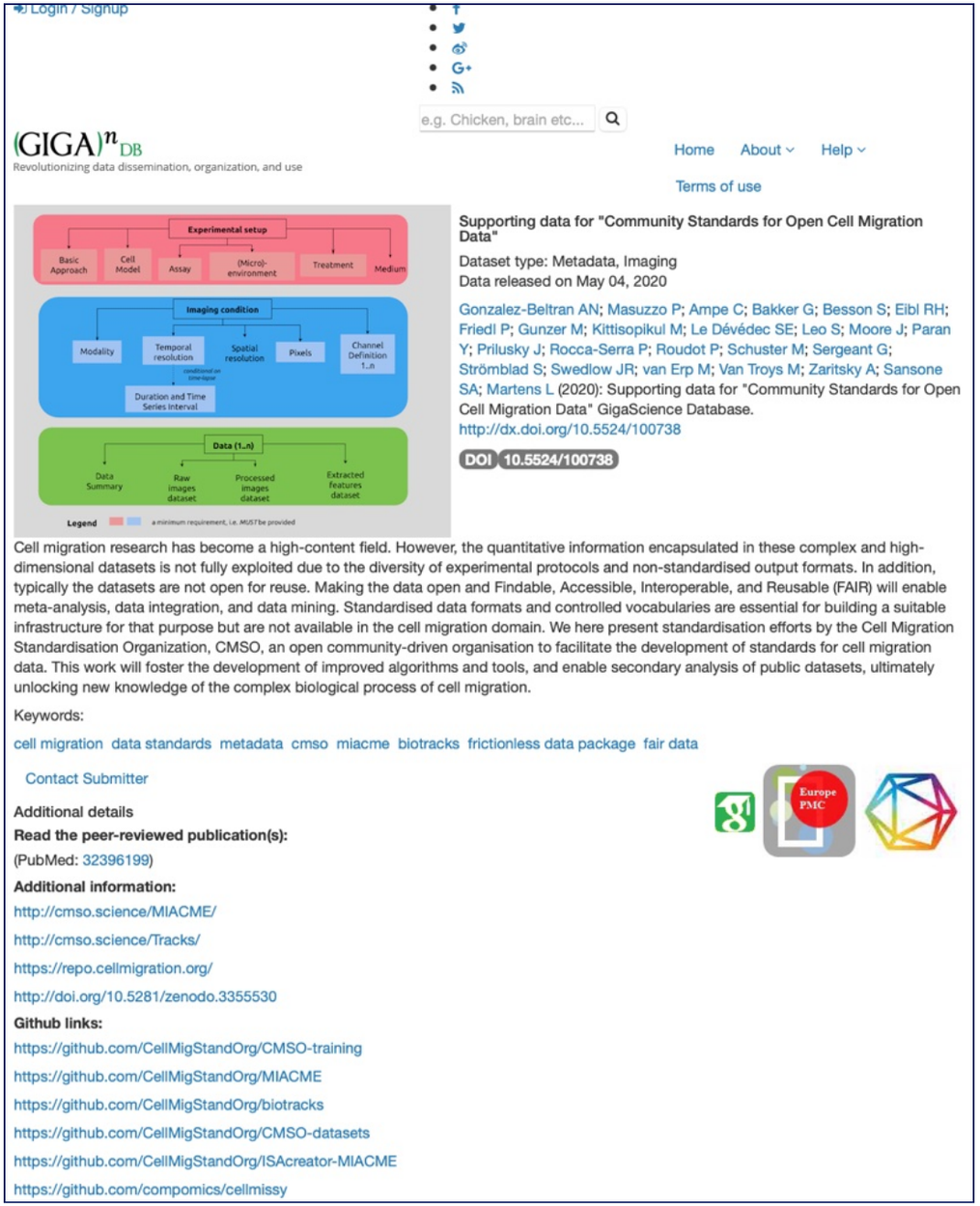
Repository type: Disciplinary

Subject: Biology, medicine, plant sciences, animal genetics, biochemistry, genetics of microorganisms, virology, immunology, computer science, neurosciences, engineering, software technology...

Principal institution: GigaScience Press (Hong Kong)

Persistent identifier system: DOI

Metrics: None



Files | Funding | History

(FTP site) | Table Settings

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CMSO-training-master.zip		GitHub archive	archive	2.17 MB	2020-04-11
ISAcreator-MIACME-master.zip		GitHub archive	archive	1.86 KB	2020-04-11
MIACME-master.zip		GitHub archive	archive	9.57 MB	2020-04-11
readme_100738.txt		readme	TEXT	3.07 KB	2020-04-11

Displaying 1-6 of 6 File(s).

Files | Funding | History

Funding body	Awardee	Award ID	Comments
EU H2020		634107	MultiMot project

Files | Funding | History

Date	Action
May 4, 2020	Dataset publish
October 7, 2022	Manuscript Link updated : 10.1093/gigascience/giaa041

Utrecht University **Yoda**

DOI: 10.17616/R3ZB7K

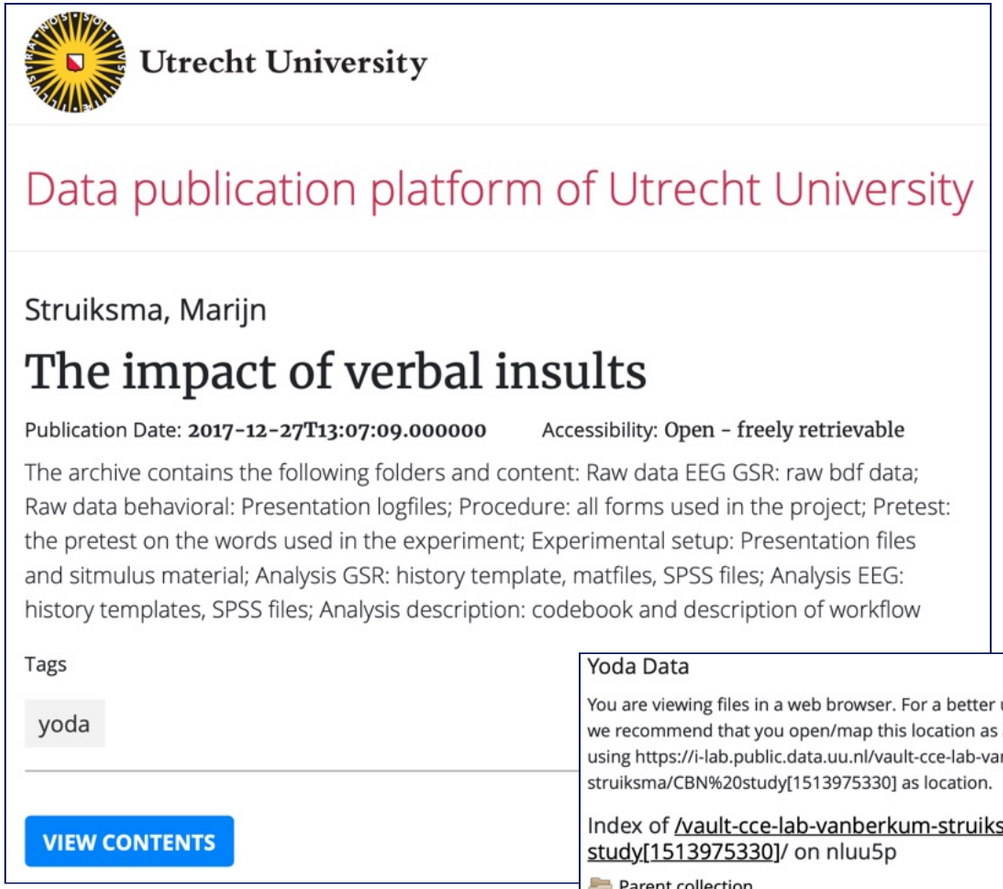
Certification: None

Repository type: Institutional

Principal institution: Utrecht University (Netherlands)

Persistent identifier system: DOI

Metrics: None



Utrecht University

Data publication platform of Utrecht University

Struiksma, Marijn

The impact of verbal insults

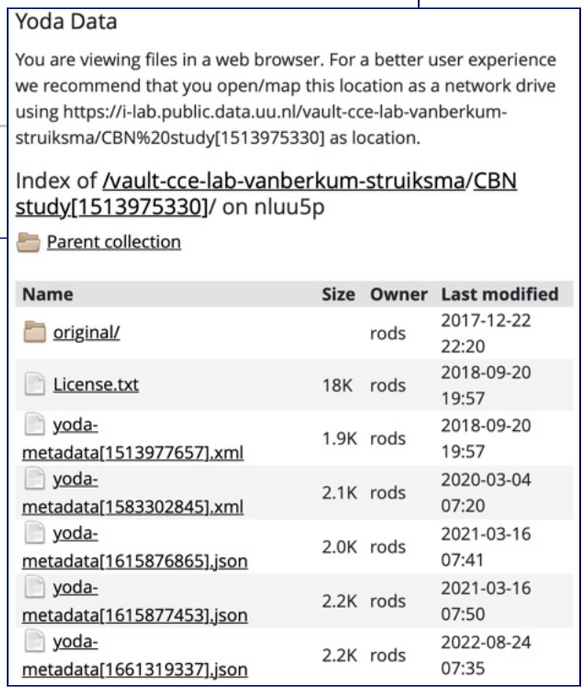
Publication Date: **2017-12-27T13:07:09.000000** Accessibility: **Open - freely retrievable**

The archive contains the following folders and content: Raw data EEG GSR: raw bdf data; Raw data behavioral: Presentation logfiles; Procedure: all forms used in the project; Pretest: the pretest on the words used in the experiment; Experimental setup: Presentation files and sitmulus material; Analysis GSR: history template, matfiles, SPSS files; Analysis EEG: history templates, SPSS files; Analysis description: codebook and description of workflow

Tags

yoda

VIEW CONTENTS



Yoda Data

You are viewing files in a web browser. For a better user experience we recommend that you open/map this location as a network drive using https://i-lab.public.data.uu.nl/vault-cce-lab-vanberkum-struiksma/CBN%20study[1513975330] as location.

Index of /vault-cce-lab-vanberkum-struiksma/CBN study[1513975330]/ on nluu5p

Parent collection

Name	Size	Owner	Last modified
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yoda-metadata[1583302845].xml	2.1K	rods	2020-03-04 07:20
yoda-metadata[1615876865].json	2.0K	rods	2021-03-16 07:41
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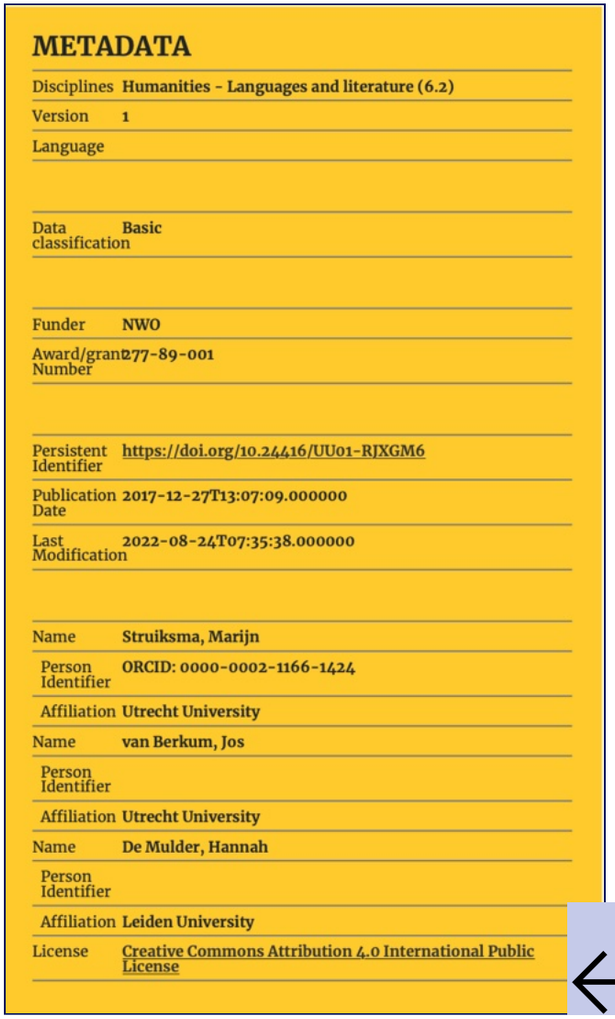

METADATA

Disciplines	Humanities - Languages and literature (6.2)
Version	1
Language	
Data classification	Basic
Funder	NWO
Award/grant Number	277-89-001
Persistent Identifier	https://doi.org/10.24416/UU01-RJXGM6
Publication Date	2017-12-27T13:07:09.000000
Last Modification	2022-08-24T07:35:38.000000
Name	Struiksma, Marijn
Person Identifier	ORCID: 0000-0002-1166-1424
Affiliation	Utrecht University
Name	van Berkum, Jos
Person Identifier	
Affiliation	Utrecht University
Name	De Mulder, Hannah
Person Identifier	
Affiliation	Leiden University
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Flanders Marine Institute

DOI: 10.17616/R3WG7B

Certification: None

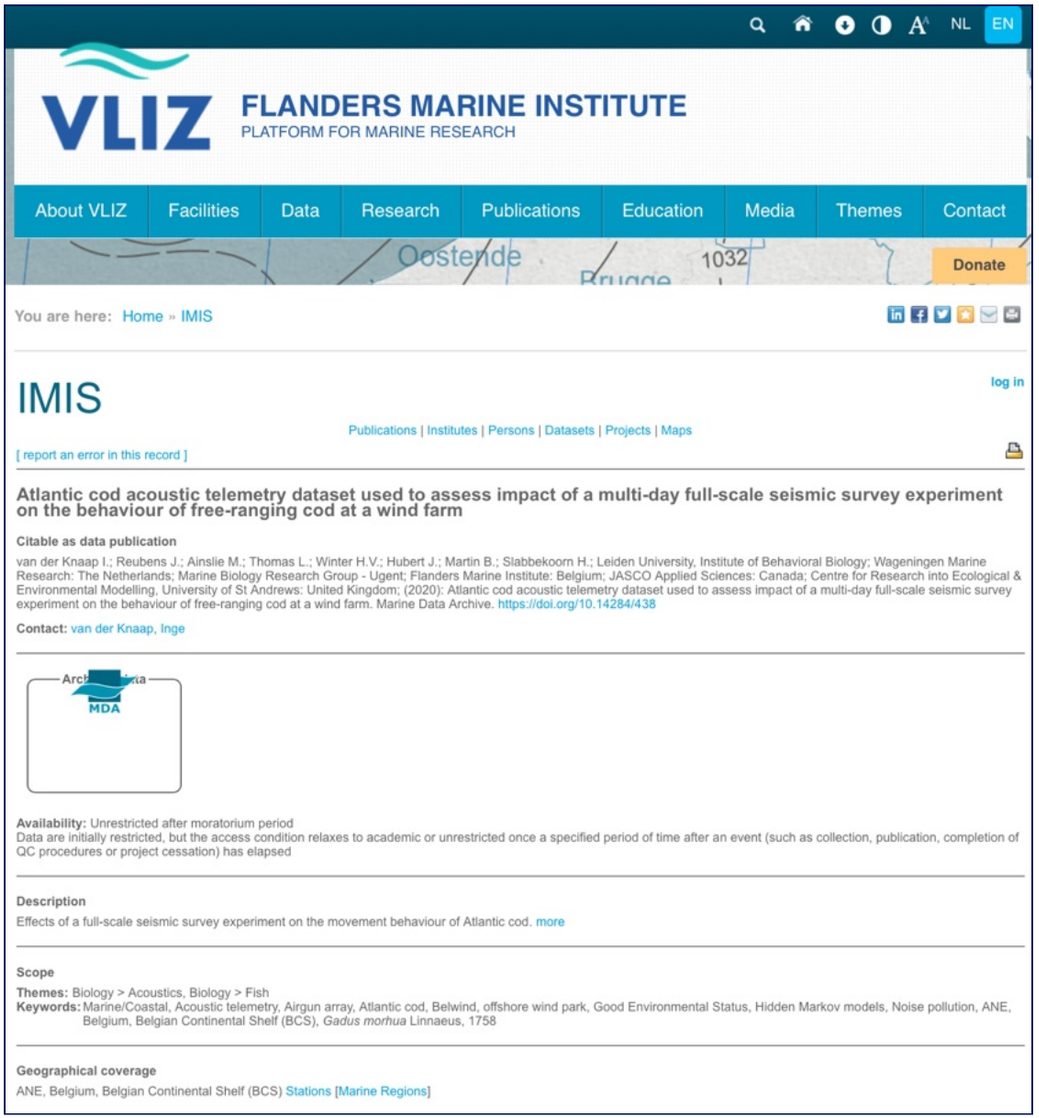
Repository type: Disciplinary and institutional

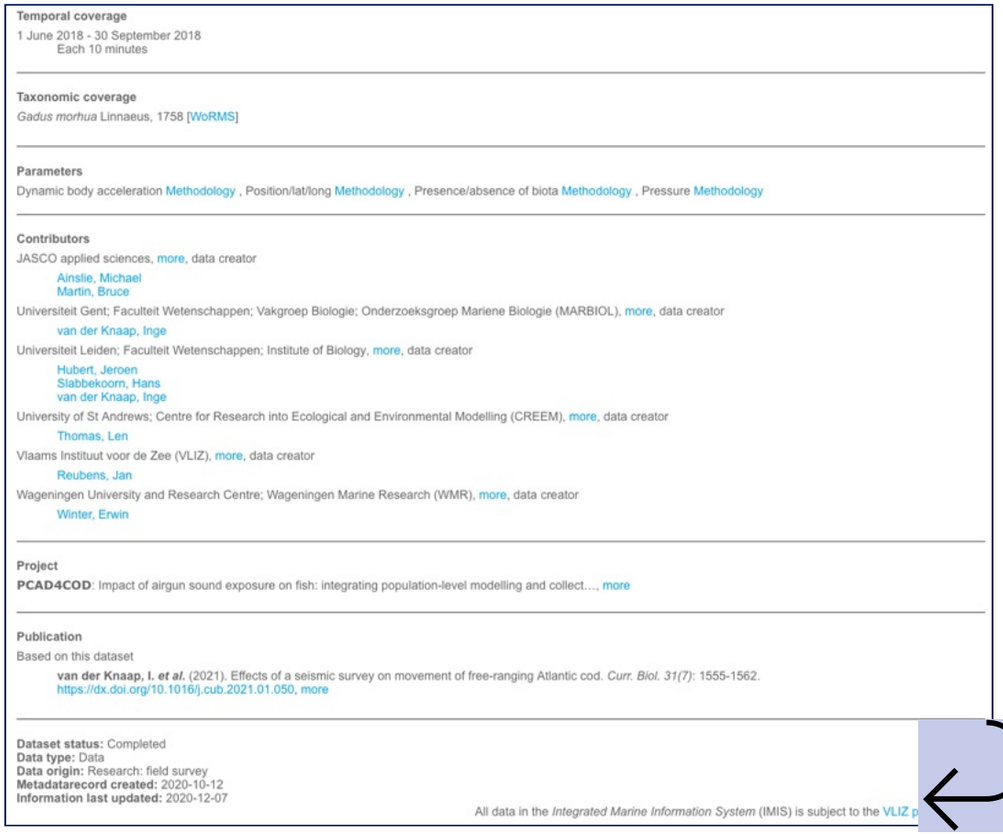
Subjects: Oceanography, atmospheric sicence, geosicences

Principal institution: Flanders Marine Institute (Belgium)

Persistent identifier system: DOI

Metrics: None





Borealis

DOI: 10.17616/R32326

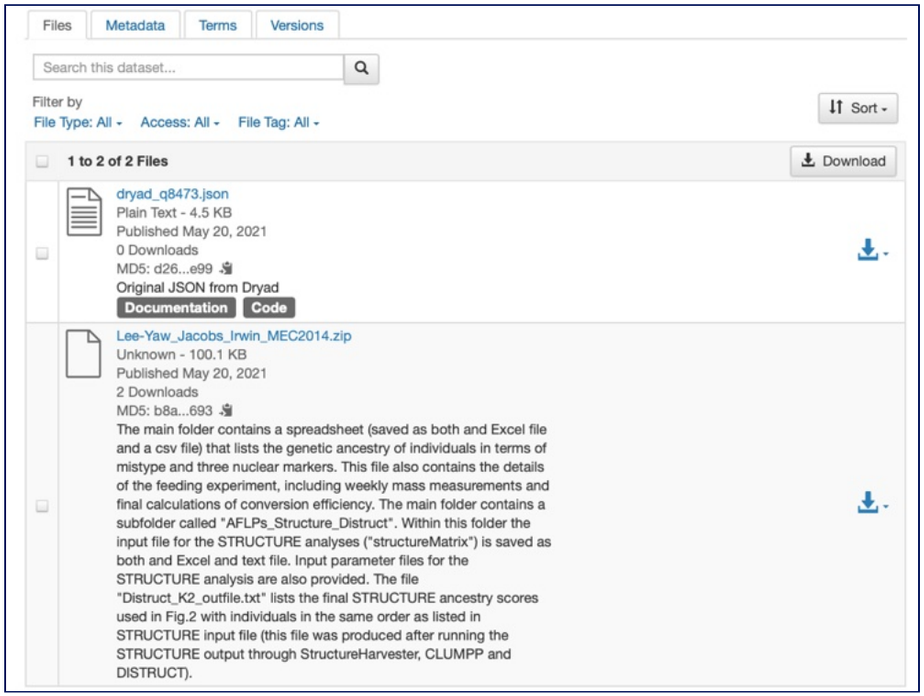
Certification: None

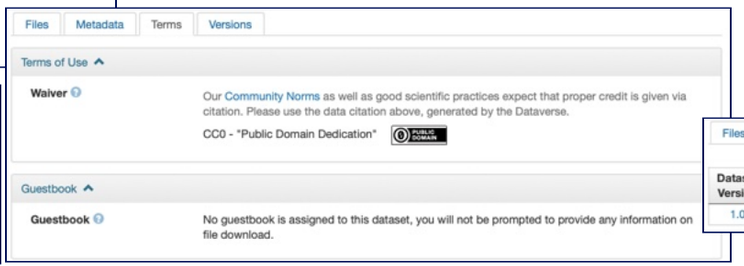
Repository type: Institutional

Principal institution: University of Toronto (Canada)

Persistent identifier system: DOI

Metrics: Downloads





Ag Data Commons

DOI: 10.17616/R3G051

Certification: None

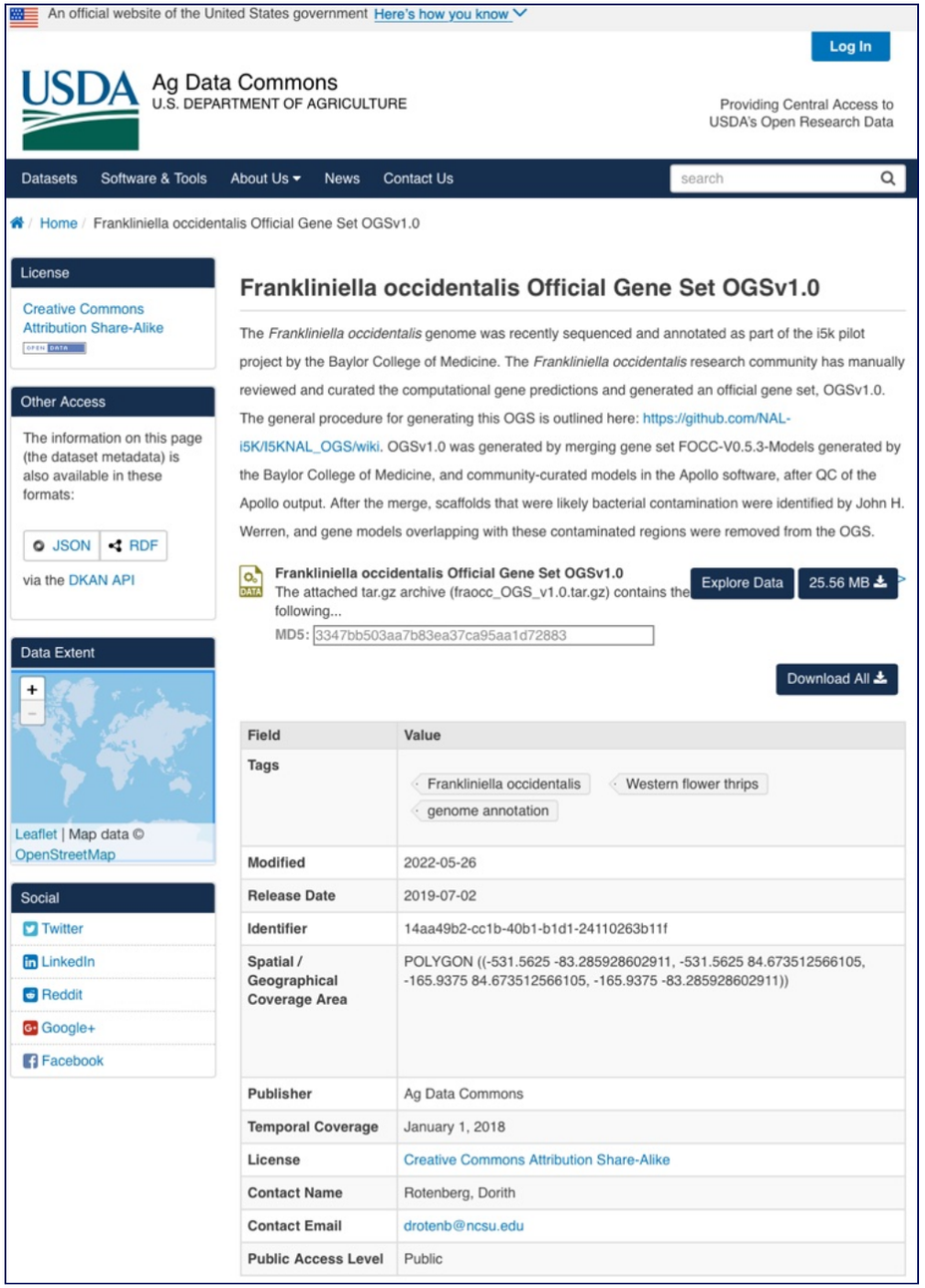
Repository type: Disciplinary

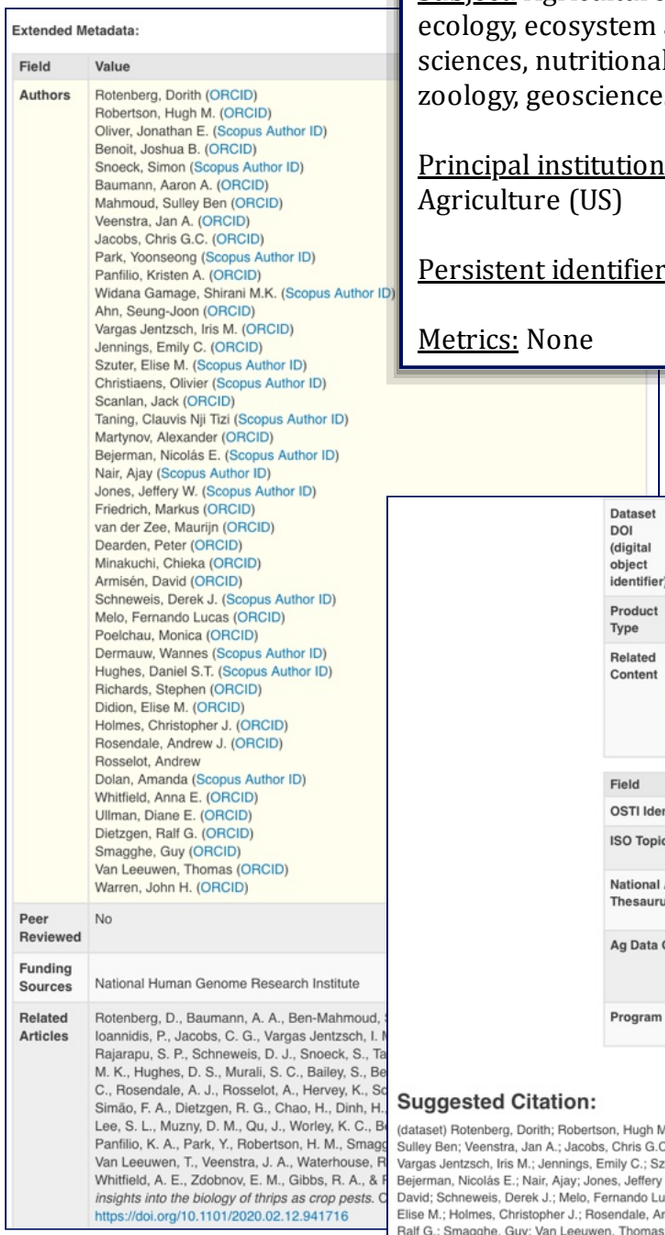
Subject: Agriculture, forestry, horticulture, plant ecology, ecosystem analysis, soil sciences, plant sciences, nutritional sciences, water research, zoology, geoscience...

Principal institution: United States Department of Agriculture (US)

Persistent identifier system: DOI

Metrics: None





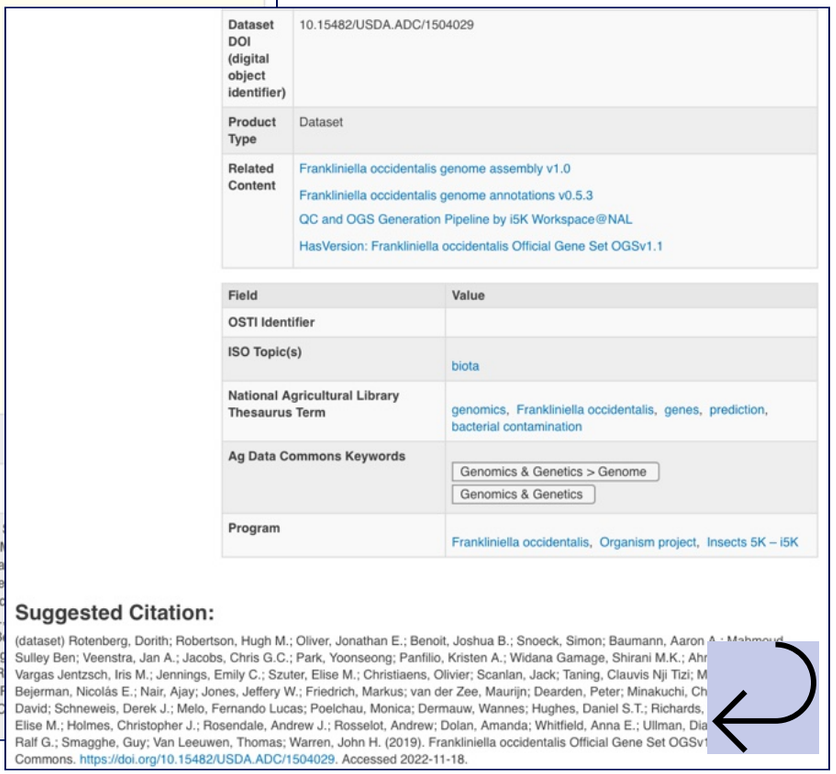


Image Data Resource

DOI: 10.17616/R3XR0R

Certification: None

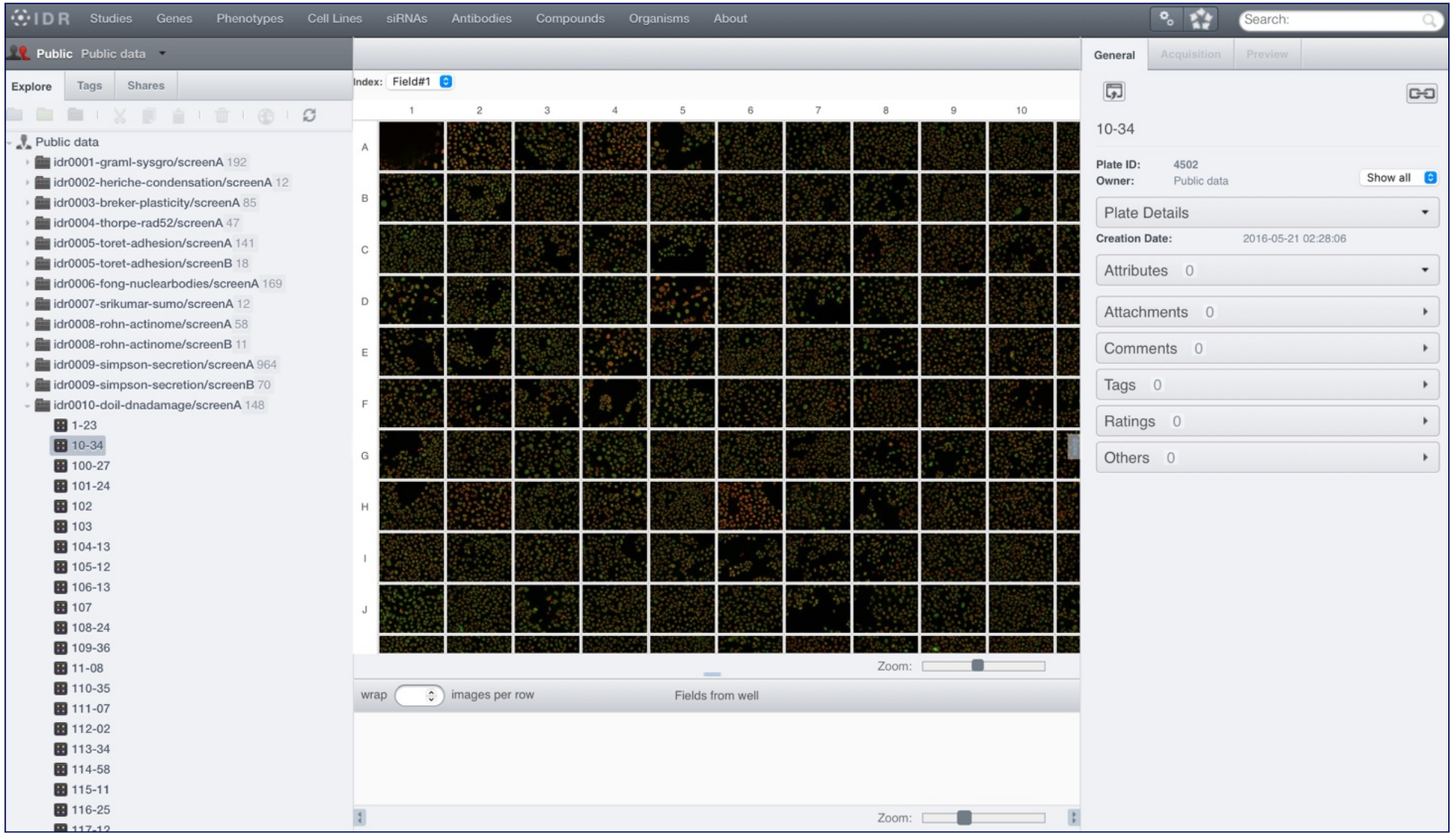
Repository type: Disciplinary (image data)

Subjects: Cell biology, medicine, genetics

Principal institution: Dundee University (UK)

Persistent identifier system: DOI

Metrics: None



University of St Andrews

St Andrews Research portal - Research Data

DOI: 10.17616/R3878Q

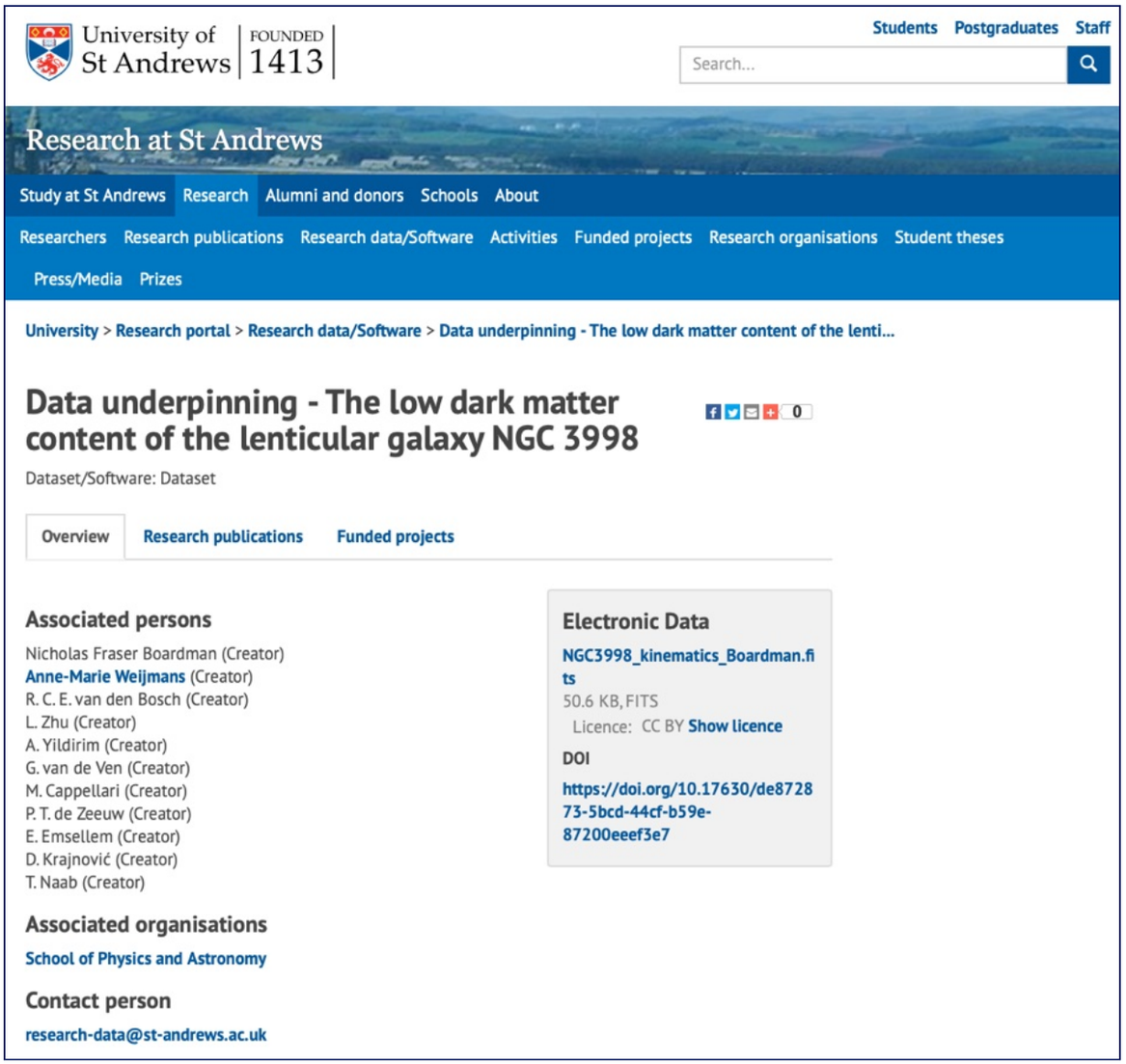
Certification: None

Repository type: Institutional

Principal institution: University of St Andrews (UK)

Persistent identifier system: DOI

Metrics: None



Description

Datacube (FITS format) has the following structure:
x - fibre right ascension, in arcsec
y - fibre declination, in arcsec
xnode - X bin generator
ynode - Y bin generator
xbar - x luminosity-weighted centre
ybar - y luminosity-weighted centre
v - Velocity (km/s)
s - Dispersion (km/s)
h3
h4
ev - Velocity error (km/s)
es - Dispersion error (km/s)
eh3 - h3 error
eh4 - h4 error

Date made available	23 Jun 2016
Publisher	University of St Andrews
Date of data production	2016

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ID: 242704304

ReDATA

DOI: 10.17616/R31NJMSF

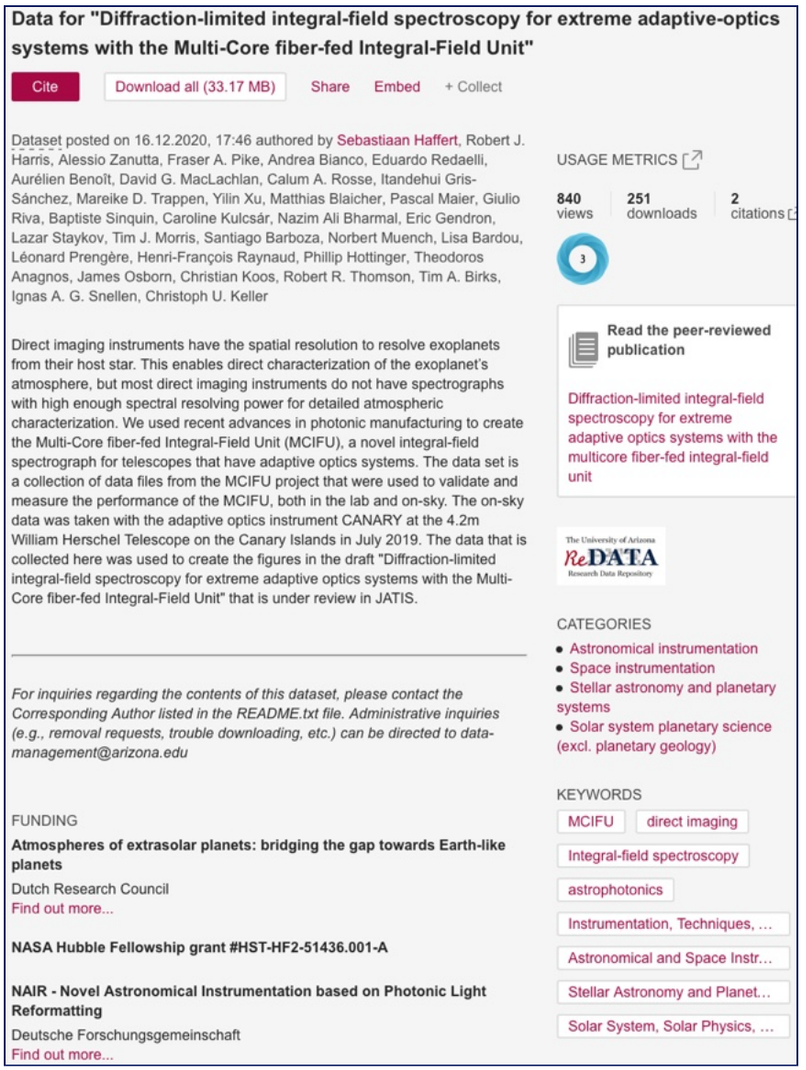
Certification: None

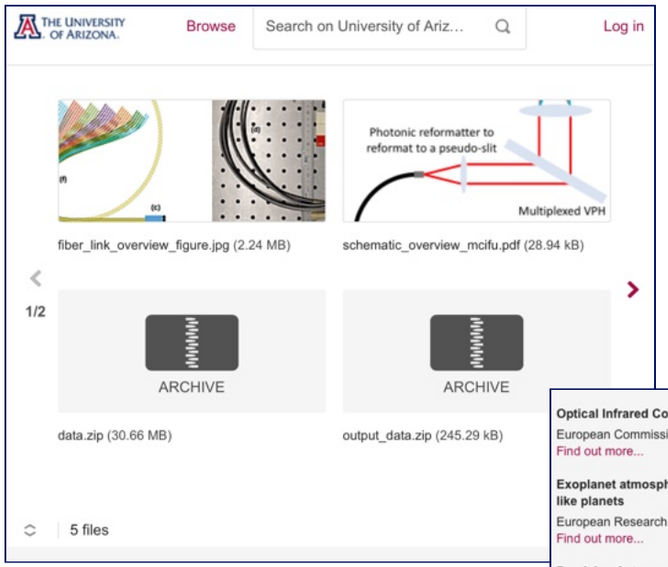
Repository type: Institutional

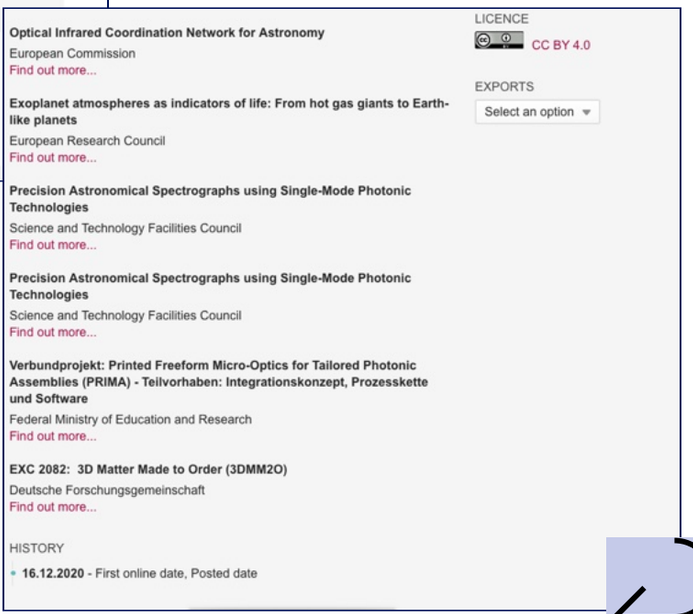
Principal institution: University of Arizona (US)

Persistent identifier system: DOI

Metrics: Views, downloads and citations







MUSE-Wide

DOI: 10.17616/R31NJMY5

Certification: None

Repository type: Disciplinary

Subjects: Astrophysics and astronomy, physics

Principal institution: Leibniz Institute for Astrophysics Potsdam (Germany)

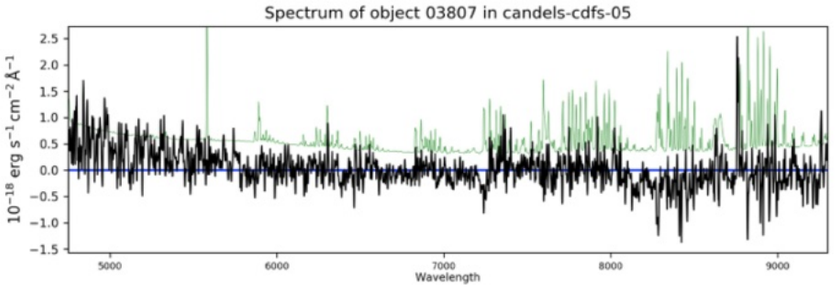
Persistent identifier system: DOI

Metrics: None

MUSE-Wide News Fields Catalogs Cut-Out Query Database Contact Login

Object GUO 3807 in candels-cdfs-05

Spectrum



The spectrum in the image has been smoothed with a 9 pixel (11.25 Å) Hanning window.

Download the spectrum as FITS:

https://musewide.aip.de/files/dr1/photometric_catalog_spectra/candels-cdfs-05/tdose_spectrum_candels-cdfs-05_03807.fits

Cutout

Download a 6"x6" datacube around the object as FITS:

https://musewide.aip.de/cutout/api/datacubes/?RA=53.0812858&DEC=-27.8760677

It can take a moment until the download starts. Please be patient.

Digital object identifier

You can use the following DOI to cite this spectrum in a publication:

https://doi.org/10.17876/musewide/dr.1/03807

License

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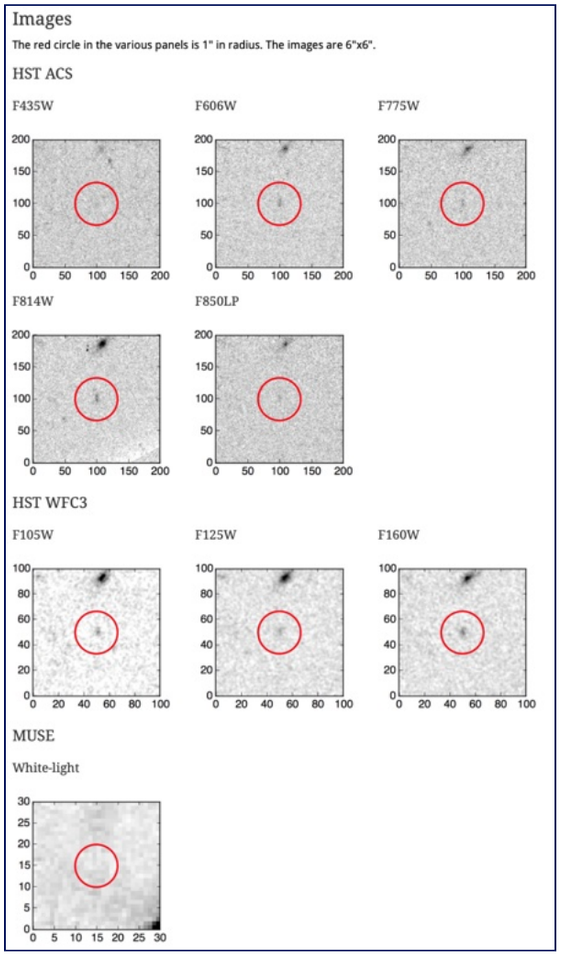
Navigation

GUO 3837 →

Back to photometric catalog

Back to field candels-cdfs-05



Environmental Data Initiative Repository

DOI: 10.17616/R3D60K

Certification: None

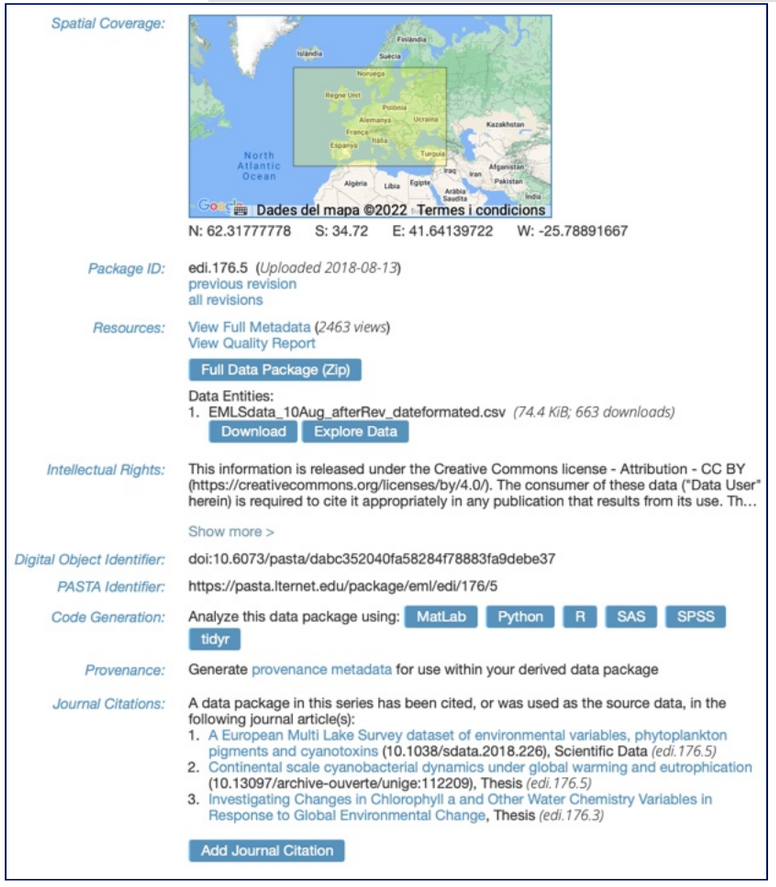
Repository type: Disciplinary

Subjects: Microbial ecology and applied microbiology, agriculture, forestry, horticulture, biodiversity, ecosystem research, plant ecology, atmospheric science, oceanography...

Principal institution: Environmental Data Initiative (US)

Persistent identifier system: DOI

Metrics: None



Edmond

DOI: 10.17616/R3N33V

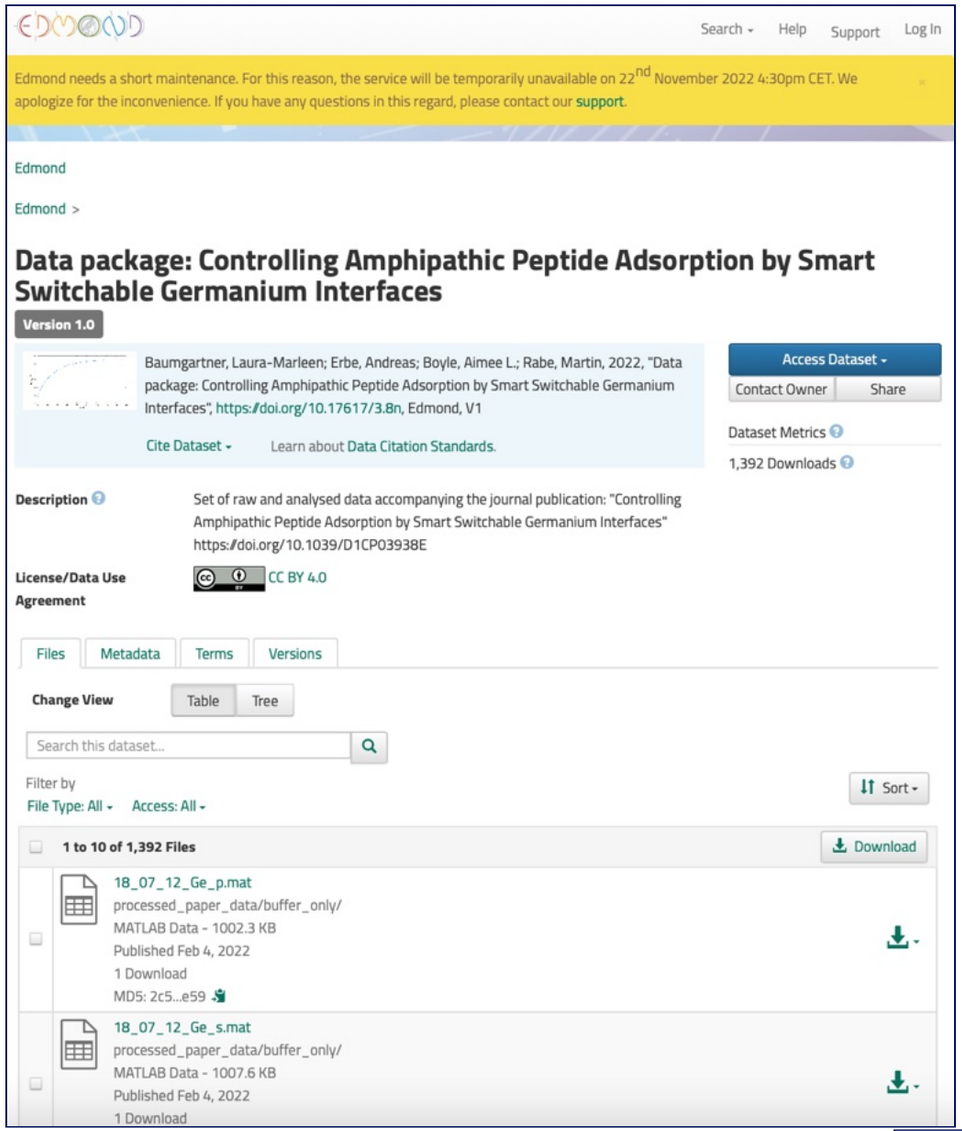
Certification: None

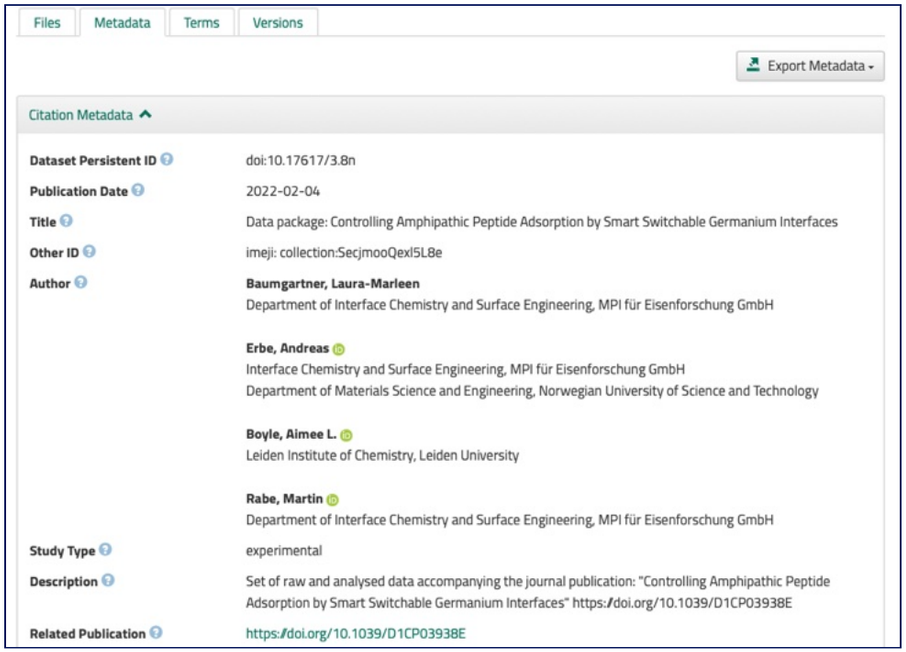
Repository type: Institutional

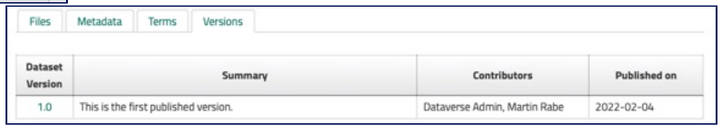
Principal institution: Max Planck Gesellschaft (Germany)

Persistent identifier system: DOI

Metrics: Downloads







DataverseNL

DOI: 10.17616/R33W6Z

Certification: Can be certified

Repository type: Institutional

Principal institution: DANS and Leiden University (Netherlands)

Persistent identifier system: DOI

Metrics: Downloads