Datasets metadata

Renaud DUYME - ESRF

NOBUGS - 2024/09/27

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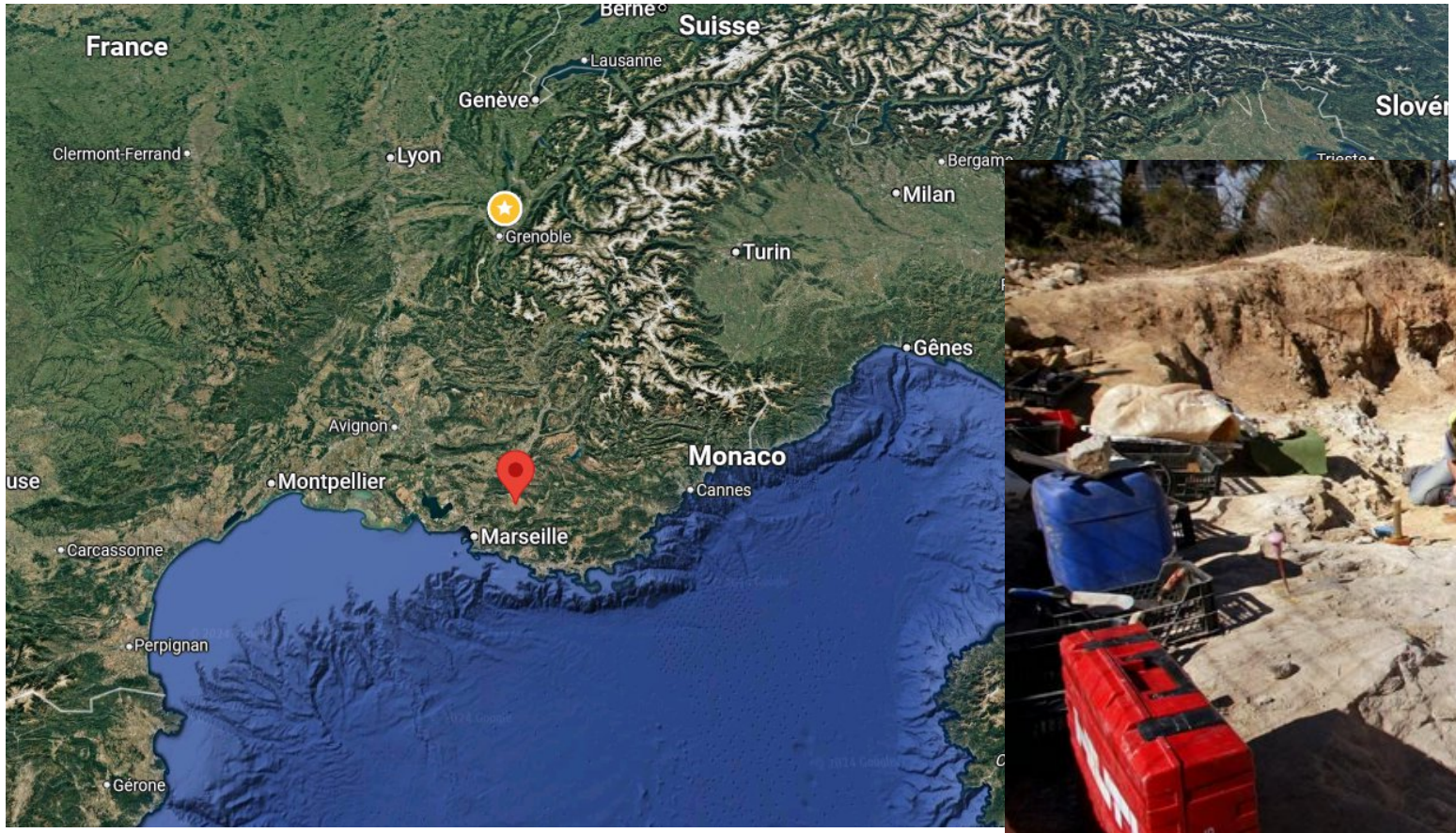
Dinosaur Story

ostrails Funded by the European Union

2006/07 – bones found during highway 8 roadworks



Thierry Tortosa

Photo J.-E.Ely

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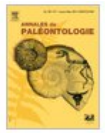
2014 – a new dinosaur : “Arcovenator Escotae”

ELSEVIER

Annales de Paléontologie
Volume 100, Issue 1, January–March 2014, Pages 63-86

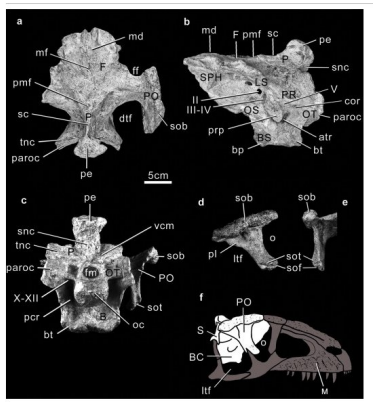


Original article

A new abelisaurid dinosaur from the Late Cretaceous of southern France: Palaeobiogeographical implications

Thierry Tortosa [a b], Eric Buffetaut [a], Nicolas Vialle [b], Yves Dutour [b], Eric Turini [b], Gilles Cheylan [b]

https://doi.org/10.1016/j.annpal.2013.10.003



“Arc” => Nearby river

“venator” => Latin for “hunter”

“Escotae” => ESCOTA french highway company

Société des Autoroutes Esterel, Côte d'Azur, Provence, Alpes

ESCOTA

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2014 - Official ICZN-ZooBank identifier

International Commission on Zoological Nomenclature

https://zoobank.org/NomenclaturalActs/1e903e97-e98b-4bb2-8031-65bf0e232fb6

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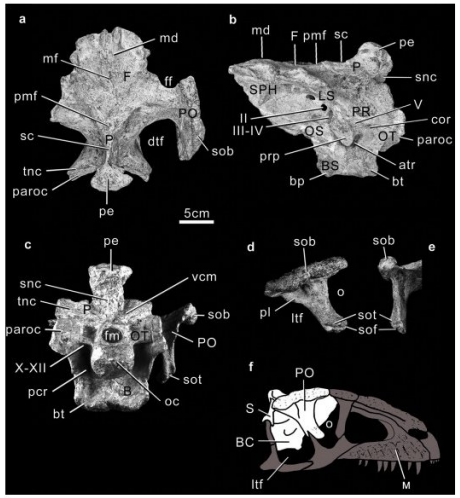
2011 - Specimen stored in museum

- Specimens are housed in the *Muséum d'Histoire Naturelle d'Aix-en-Provence (MHNA)*, France. (MHNA-PV-2011.12.1 to 12.5)
- Specimens digitally tracked in PBDB https://paleobiodb.org/classic/checkTaxonInfo?taxon_no=285749



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GBIF : Species PID - Specimen PID

ICZN ZooBank

Paleobiology Database

Museum *collections*

species

specimens

specimens

GBIF Global Biodiversity Information Facility

central repository of specimens occurrences and species

OCCURRENCE | UNKNOWN DATE

Arcovenator escotae Tortosa, Buffetaut, Vialle, Dutour, Turini & Cheylan, 2013

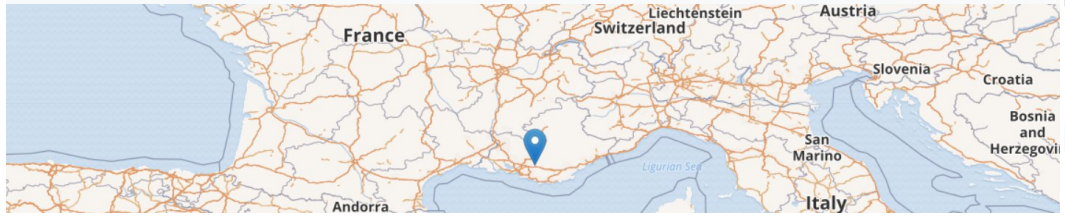
Recorded in France

Animalia › Chordata › Abelisauridae › *Arcovenator*

DETAILS

Species: Arcovenator escotae Tortosa, Buffetaut, Vialle, Dutour, Turini & Cheylan, 2013
Location: Europe › France
Basis of record: Material citation

Dataset: Paleobiology Database
Publisher: Paleobiology Database



Occurrence

Term	Interpreted
Occurrence ID	pbdb:occ:1188017
Occurrence remarks	Specimens in Aix-en-Provence Natural History Museum

Location

Term	Interpreted
Continent	EUROPE
Coordinate precision	0.0166667
Country or area	France
Country code	FR
County	Var
Decimal latitude	43.5
Decimal longitude	5.733333
Geodetic datum	WGS84
Georeference remarks	based on nearby landmark
Higher geography	FR|Provence-Alpes-Côte d'Azur|Var
Locality	near the village of Pourrières; two distinct localities but no further details given. One is Pourrières-Les Eysarettes (titanosaur)
State province	Provence-Alpes-Côte d'Azur

Taxon

Term	Interpreted
Kingdom	Animalia
Phylum	Chordata
Class	
Family	Abelisauridae
Genus	Arcovenator
Specific epithet	escotae
Generic name	Arcovenator
Higher classification	Chordata | Saurischia | | Abelisauridae | Arcovenator
Name published in year	2013
Nomenclatural code	ICZN
Scientific name	Arcovenator escotae Tortosa, Buffetaut, Vialle, Dutour, Turini & Cheylan, 2013
Scientific name authorship	
Taxon concept ID	285749
Taxon ID	285749
Rank	Species

https://www.gbif.org/fr/occurrence/1699073315
https://api.gbif.org/v1/occurrence/1699073315/

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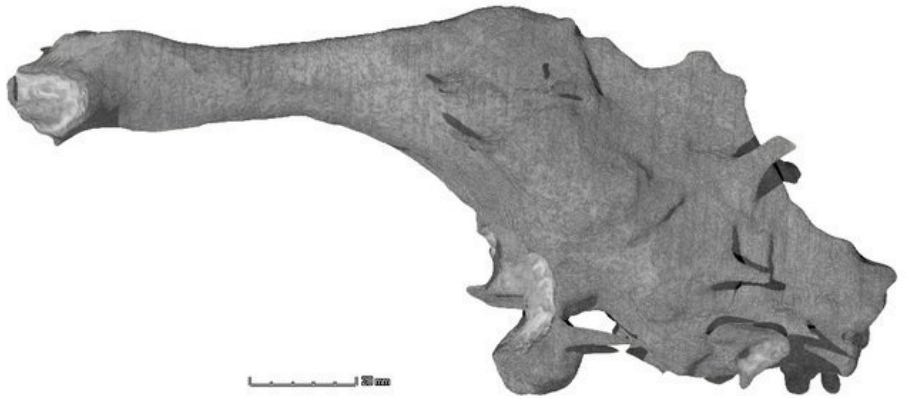
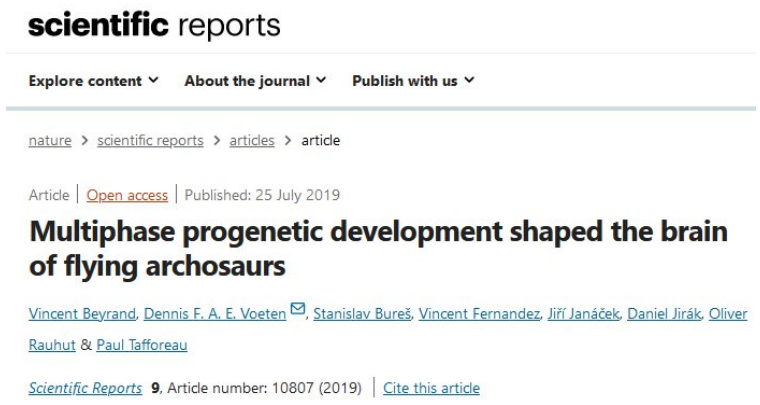
2019 Arcovenator at ESRF

- A few years later… 2019. Arcovenator escotae specimen parts are scanned at ESRF on BM05 beamline.

- Technique used :
  - Propagation Phase Contrast Synchrotron X-ray Microtomography
  - PPC-SRµCT





Dataset : https://doi.org/10.15151/esrf-dc-1634316333
Publication : https://doi.org/10.1038/s41598-019-46959-2

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PaNET - Photon and Neutron Experimental Techniques

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PaNET - Ontology

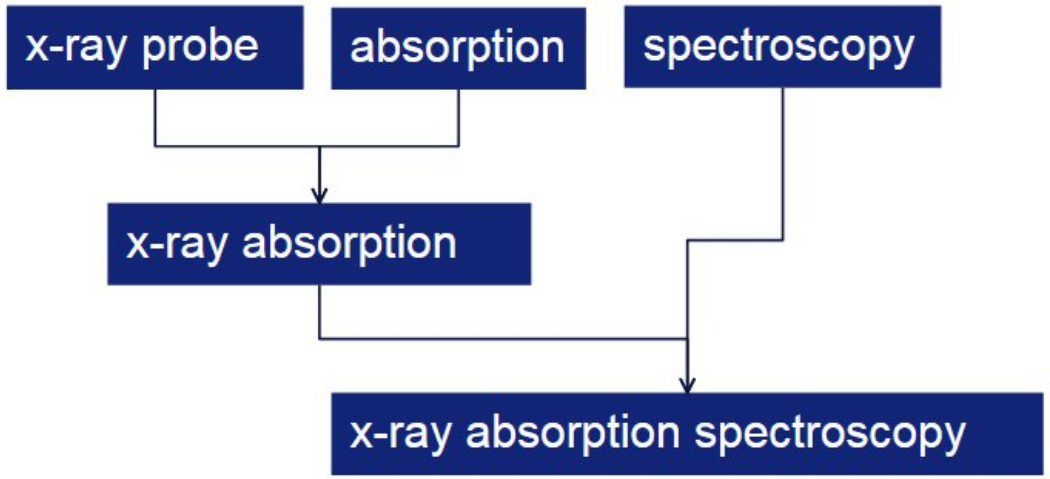
The PaNET ontology provides a taxonomy (classification) and thesaurus (synonyms and acronyms) of Photon and Neutron Experimental Techniques.

EXAFS	EXAFS	extended x-ray absorption fine structure	PaNET01198
FT-SSX	FT-SSX	fixed target serial synchrotron crystallography	PaNET01310
FTIR	FTIR	fourier transform infrared spectroscopy	PaNET01320
GISANS	GISANS	grazing incidence small angle neutron scattering	PaNET01276
GISAS	GISAS	grazing incidence small angle scattering	PaNET01099
GISAXS	GISAXS	grazing incidence small angle x-ray scattering	PaNET01162
GIWAXS	GIWAXS	grazing incidence wide angle scattering	PaNET01316
GIXD	GIXD	grazing incidence x-ray diffraction	PaNET01161
HAXPES	HAXPES	hard x-ray photoelectron spectroscopy	PaNET01103
WAXS	WAXS	wide angle x-ray scattering	PaNET01191
XAFS	XAFS	x-ray absorption fine structure	PaNET01197
XANES	XANES	x-ray absorption near edge structure	PaNET01199
XAS	XAS	x-ray absorption spectroscopy	PaNET01196

Courtesy : Wout de Nolf (ESRF)

PaNET Ontology (not just taxonomy but relations as well)

- x-ray probe (PaNET01012)
- spectroscopy (PaNET01125)
- absorption technique (PaNET00202)
- x-ray absorption (PaNET01227)
- x-ray absorption spectroscopy (PaNET01196) - XAS



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You are welcome !

contact : panet-maintenance@desy.de

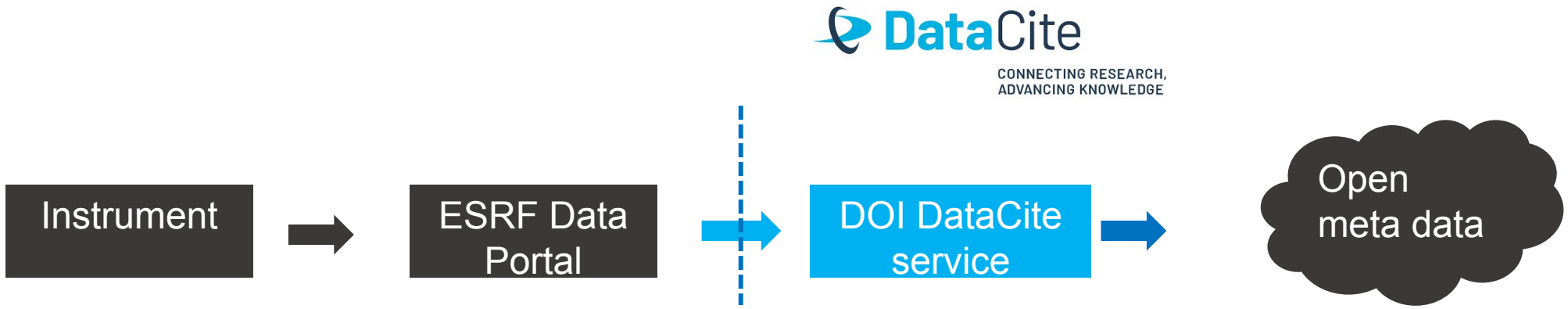
OSTrails
Funded by the European Union

panosc
photon and neutron open science cluster

DataCite

ostrails Funded by the European Union

DataCite – DOI metadata enhancements



Step 0 → Link available data : author orcid, author affiliations, proposal Id...)

Step 1 → Add Photon and Neutron Experimental technique(ex : PPC-SRµCT)

Next steps → Add thematic metadata (GBIF Id, Wikidata Id ...)

User input required at sample or dataset creation

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ESRF Dataset – enhancement with PaNET

propagation phase contrast microtomography[C]

IRI: http://purl.org/pan-science/PaNET/PaNET01210

has super-classes **Synonyms** : PPC-SRµCT

microscopy [C], propagation phase contrast tomography [C]

ESRF
data repository

Data Collection | Open access

Arcovenator escotae MHNA-PV-2011-1

Paul Tafforeau; Vincent Beyrand

3D reconstruction for Arcovenator escotae MHNA-PV-2011-1. For further details regarding samples, measurements and data analysis, refer to the files and the article.

Experimental Data

The data can be accessed by clicking on the link below

Access data

Experimental Report

No report was found for IH-ES-132. Proposers and session participants may submit it via the ESRF User Portal.

Metadata

Identifier

DOI 10.15151/ESRF-DC-1634316333

Proposals: IH-ES-132

Beamlines: BM05

Public release year: 2024

Publisher: European Synchrotron Radiation Facility

PaNET Technique PPC-SRµCT

PaNET Ontology term

https://doi.org/10.15151/esrf-dc-1634316333

OSTrails Funded by the European Union

ESRF Dataset – enhancement with GBIF

specimen : https://www.gbif.org/en/occurrence/1699073315 : MHNA-PV2011-1
species : https://www.gbif.org/fr/species/8704992 : Arcovenator escotae

ESRF
data repository

https://doi.org/10.15151/esrf-dc-1634316333

Data Collection | Open access

Arcovenator escotae MHNA-PV-2011-1

Paul Tafforeau; Vincent Beyrand

3D reconstruction for Arcovenator escotae MHNA-PV-2011-1. For further details regarding samples, measurements and data analysis, refer to the files and the article.

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Access data

Experimental Report

No report was found for IH-ES-132. Proposers and session participants may submit it via the ESRF User Portal.

Metadata

Identifier

DOI 10.15151/ESRF-DC-1634316333

Proposals: IH-ES-132

Beamlines: BM05

Public release year: 2024

Publisher: European Synchrotron Radiation Facility

PaNET Technique PPC-SRµCT
GBIF Species Arcovenator escotae
GBIF Specimen MHNA-PV-2011-1

GBIF PID

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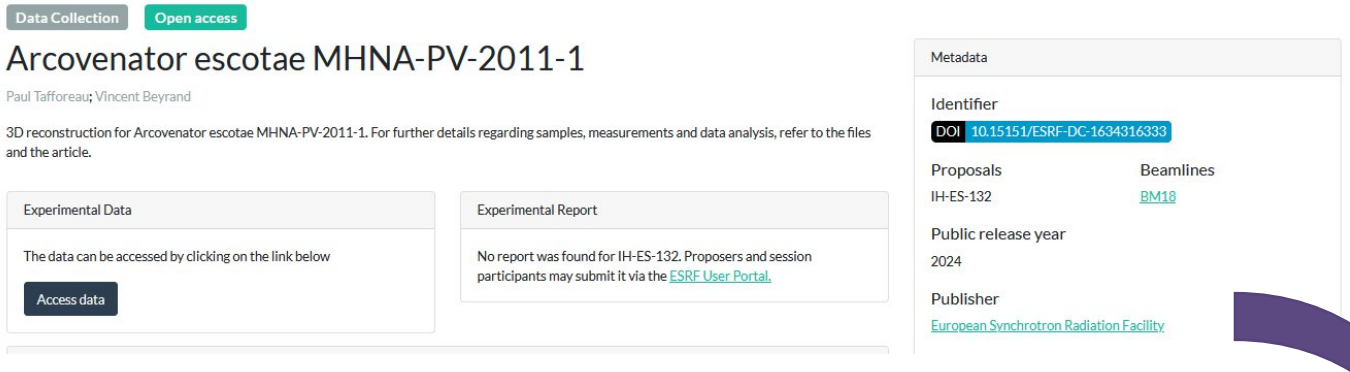
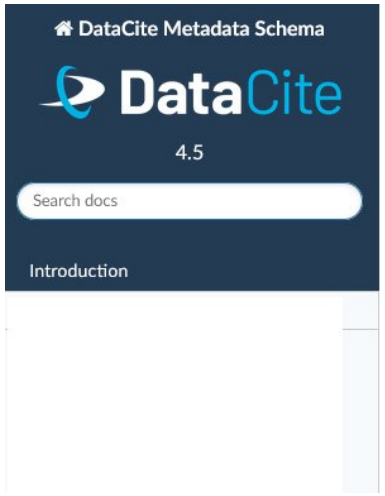
Datacite metadata json API

https://data.esrf.fr/doi/10.15151/ESRF-DC-1634316333



https://api.datacite.org/dois/10.15151/esrf-dc-1634316333



OSTrails
Funded by the European Union

DataCite API metadata - Subjects

https://api.datacite.org/dois/10.15151/esrf-dc-1634316333

PaNET

```
"subjects": [
    {
      "subject": "propagation phase contrast microtomography",
      "valueUri": "http://purl.org/pan-science/PaNET/PaNET01210",
      "schemeUri": "http://purl.org/pan-science/PaNET/",
      "subjectScheme": "PaNET"
    }
]
```

GBIF Global Biodiversity Information Facility

```
"subjects": [
    {
      "subject": "Arcovenator escotae",
      "valueUri": "https://www.gbif.org/species/8704992",
      "schemeUri": "https://www.gbif.org/species",
      "subjectScheme": "GBIF species"
    }
]
```

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DataCite API metadata – Related Identifiers

DataCite Metadata Properties

Overview

1. Identifier
2. Creator
3. Title
4. Publisher
5. PublicationYear
6. Subject
7. Contributor
8. Date
9. Language
10. ResourceType
11. AlternateIdentifier
12. RelatedIdentifier
13. Size
14. Format
15. Version
16. Rights
17. Description
18. GeoLocation
19. FundingReference
20. RelatedItem

Controlled List Values:

- IsCitedBy
- Cites
- IsSupplementTo
- IsSupplementedBy
- IsContinuedBy
- Continues
- IsDescribedBy
- Describes
- HasMetadata
- IsMetadataFor
- HasVersion
- IsVersionOf
- IsNewVersionOf
- IsPreviousVersionOf
- IsPartOf
- HasPart
- IsPublishedIn
- IsReferencedBy
- References
- IsDocumentedBy
- Documents
- IsCompiledBy
- Compiles
- IsVariantFormOf
- IsOriginalFormOf
- IsIdenticalTo
- IsReviewedBy
- Reviews
- IsDerivedFrom
- IsSourceOf
- IsRequiredBy
- Requires
- IsObsoletedBy
- Obsoletes
- IsCollectedBy
- Collects

relatedIdentifierType

- ARK
- arXiv
- bibcode
- DOI
- EAN13
- EISSN
- Handle
- IGSN
- ISBN
- ISSN
- ISTC
- LISSN
- LSID
- PMID
- PURL
- UPC
- URL
- URN
- w3id

```
"relatedIdentifiers": [
    {
      "relatedIdentifier": "https://doi.org/10.1038/yyyyy",
      "relatedIdentifierType": "DOI",
      "relationType": "IsCitedBy",
      "resourceTypeGeneral": "JournalArticle"
    }
]
```

Crossref

```
"relatedIdentifiers": [
    {
      "relatedIdentifier": "https://doi.org/10.15151/ESRF-INSTR-123456",
      "relatedIdentifierType": "DOI",
      "relationType": "IsCollectedBy",
      "resourceTypeGeneral": "Instrument"
    }
]
```

```
"relatedIdentifiers": [
    {
      "relatedIdentifier": "https://www.gbif.org/fr/occurrence/1699073315",
      "relatedIdentifierType": "URL",
      "relationType": "IsDerivedFrom",
      "resourceTypeGeneral": "PhysicalObject"
    }
]
```

GBIF Global Biodiversity Information Facility

OSTrails Funded by the European Union

DataCite API metadata – Related Identifiers

DataCite Metadata Properties

Overview
1. Identifier
2. Creator
3. Title
4. Publisher
5. PublicationYear
6. Subject
7. Contributor
8. Date
9. Language
10. ResourceType
11. AlternateIdentifier
12. RelatedIdentifier
13. Size
14. Format
15. Version
16. Rights
17. Description
18. GeoLocation
19. FundingReference
20. RelatedItem

Controlled List Values:

- IsCitedBy
- Cites
- IsSupplementTo
- IsSupplementedBy
- IsContinuedBy
- Continues
- IsDescribedBy
- Describes
- HasMetadata
- IsMetadataFor
- HasVersion
- IsVersionOf
- IsNewVersionOf
- IsPreviousVersionOf
- IsPartOf
- HasPart
- IsPublishedIn
- IsReferencedBy
- References
- IsDocumentedBy
- Documents
- IsCompiledBy
- Compiles
- IsVariantFormOf
- IsOriginalFormOf
- IsIdenticalTo
- IsReviewedBy
- Reviews
- IsDerivedFrom
- IsSourceOf
- IsRequiredBy
- Requires
- IsObsoletedBy
- Obsoletes
- IsCollectedBy
- Collects

```
"relatedIdentifiers": [
    {
        "schemeUri": "http://www.fao.org/plant-treaty/areas-of-work/
global-information-system/descriptors",
        "schemeType": "XML",
        "relationType": "HasMetadata",
        "relatedIdentifier": "https://glis.fao.org/glisapi/v1/pgrfas?doi=10.18730/1M80VH",
        "relatedIdentifierType": "URL",
        "relatedMetadataScheme": "GLIS Descriptors"
    }
]
```

International Treaty on Plant Genetic Resources for Food and Agriculture

Documentation

GLIS technical documentation

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DataCite API metadata - Proposal

https://api.datacite.org/dois/10.15151/esrf-dc-1634316333


```
"fundingReferences": [
      {
        "awardUri": "[N/A for ESRF]",
        "awardTitle": "Flying archausors project",
        "funderName": "European Synchrotron Radiation Facility",
        "awardNumber": "IH-ES-132",
        "funderIdentifier": "https://ror.org/02550n020",
        "funderIdentifierType": "ROR"
      },
]
```


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DataCite API metadata - affiliation

https://api.datacite.org/dois/10.15151/esrf-dc-1634316333


```
"affiliation": [
  {
    "name": "Institute of Nanotechnology, Glasgow, UK",
    "affiliationIdentifier": "https://ror.org/02ma7yv75",
    "affiliationIdentifierScheme": "ROR"
  }
],
"nameIdentifiers": [
  {
    "nameIdentifier": "0000-0002-1808-2206",
    "nameIdentifierScheme": "ORCID"
  }
]
```


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Datacite updates

DataCite Metadata Schema

DataCite

4.5

Support for instruments

- Addition of Instrument to the resourceTypeGeneral controlled list values.
  - This value may be used in 10.a resourceTypeGeneral and other places where resourceTypeGeneral is used (12.f resourceTypeGeneral, 20.a relatedItemType).
- Addition of new relationType pair: IsCollectedBy and Collects
- To enhance support for instruments, addition of new mapping: PIDINST Schema Mapping

Updated PhysicalObject definition

- Change to the definition of PhysicalObject in support of samples.

RDA Working Group PIDINST

Persistent Identification of Instruments
https://docs.pidinst.org/

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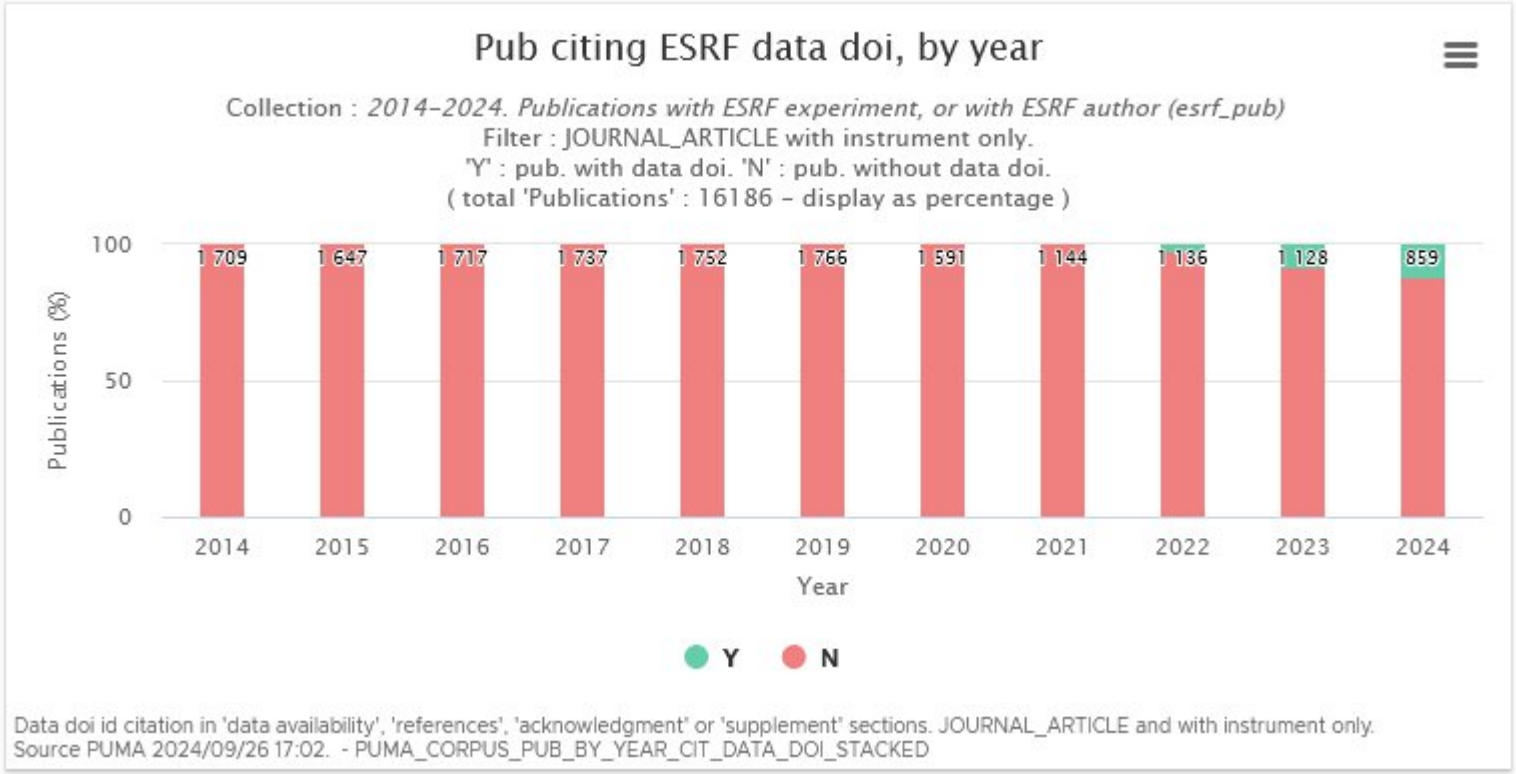
Processed data

Example 1/3

ostrails Funded by the European Union

Where is the ESRF processed data ??



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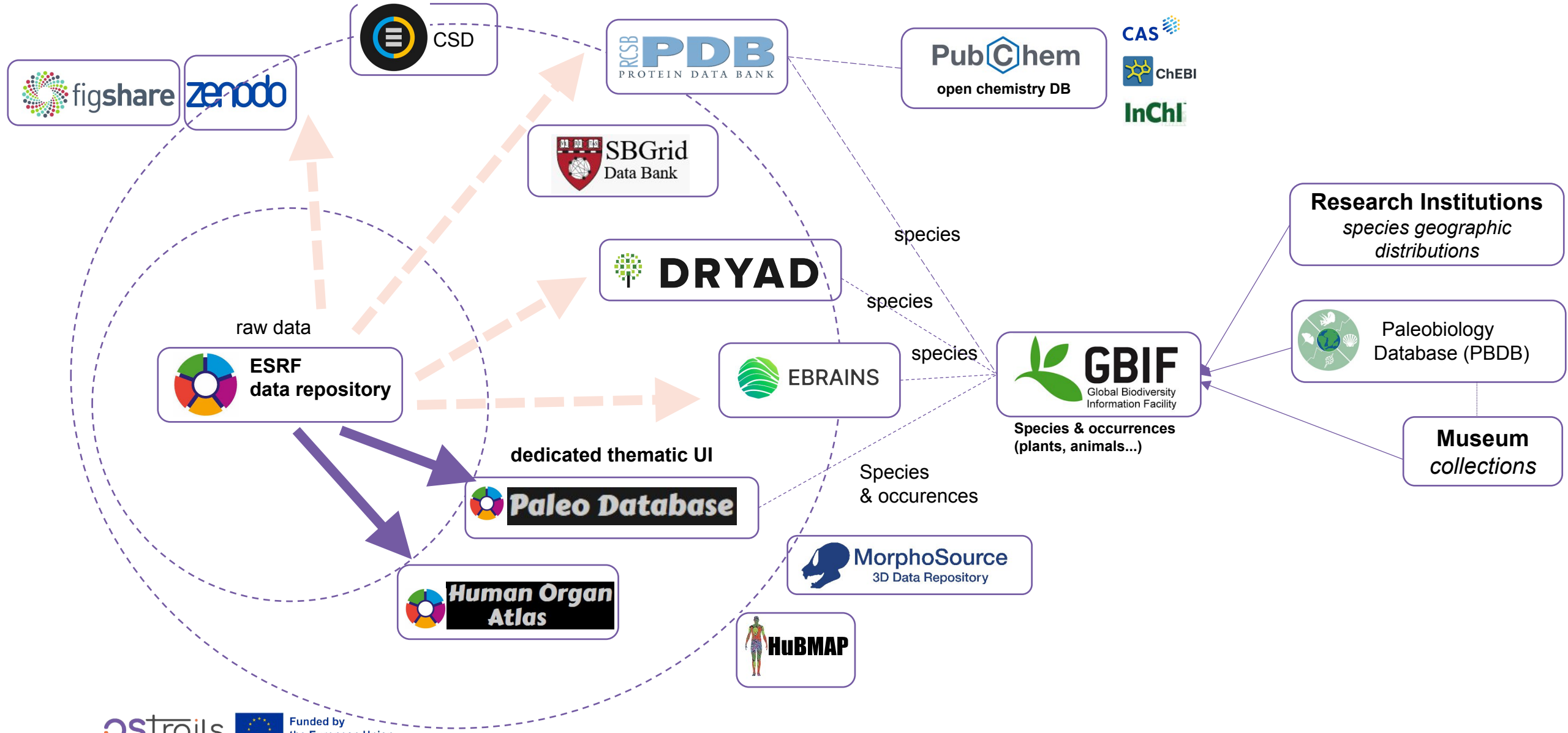
Where is our processed data ?



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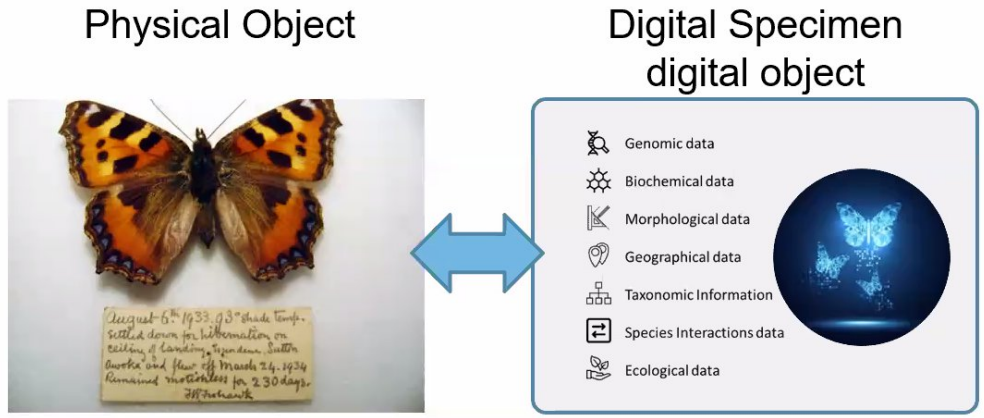
Data aggregators are emerging

DiSSCo
Distributed System of Scientific Collections

"The DiSSCo infrastructure will connect historical collection data with specimen-derived data emerging from new technologies, e.g., DNA barcodes, whole genome sequences, proteomics and metabolomics data, chemical data, trait data, and imaging data (computer-assisted tomography (CT) and Synchrotron data). This integration will combine earlier investments in data interoperability practices with technological advancements in digitisation, cloud services and semantic linking."



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the European Union

Example link to external data

ESRF
data repository

https://doi.org/10.15151/ESRF-DC-1089735712

Data Collection | Open access

Raw data (diffraction images) for PDB entry 8CJE "AETF, A SINGLE-COMPONENT FLAVIN-DEPENDENT TRYPTOPHAN HALOGENASE, IN COMPLEX WITH L-TRYPTOPHAN"

Simon Gäfe; Hartmut H. Niemann

Data set exhibiting non-merohedral twinning with high twin fraction of 0.4. The point group appears to be 422 but the space group is actually P212121. The publication describing the experiment can be accessed via the PDB entry.

Metadata

Identifier

DOI 10.15151/ESRF-DC-1089735712

Proposals
MX-2393

Beamlines
ID30B

Public release year
2023

Publisher
European Synchrotron Radiation Facility

Licence (for files)
Creative Commons Attribution 4.0

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Proteins - PDB – processed/derived Data

https://doi.org/10.2210/pdb8CJE/pdb

Structure Summary | Structure | Annotations | Experiment | Sequence | Genome | Ligands | Versions

Biological Assembly 1

Explore in 3D: Structure | Sequence Annotations | Electron Density | Validation Report | Ligand Interaction (FAD)

Global Symmetry: Asymmetric - C1
Global Stoichiometry: Monomer - A1

Find Similar Assemblies

Biological assembly 1 assigned by authors.

Display Files | Download Files | Data API

8CJE

AetF, a single-component flavin-dependent tryptophan halogenase, in complex with L-tryptophan

PDB DOI: https://doi.org/10.2210/pdb8CJE/pdb

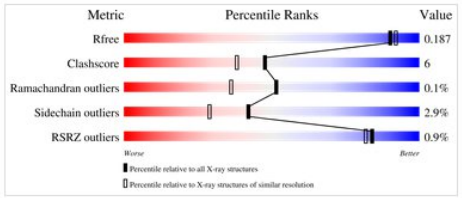
Classification: FLAVOPROTEIN
Organism(s): Aetokthonos hydrillicola Thurmond2011
Expression System: Escherichia coli BL21(DE3)
Mutation(s): No

Deposited: 2023-02-13 **Released:** 2023-06-14
Deposition Author(s): Gafe, S., Niemann, H.H.
Funding Organization(s): Not funded

Experimental Data Snapshot

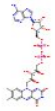
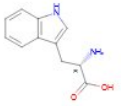
Method: X-RAY DIFFRACTION
Resolution: 1.80 Å
R-Value Free: 0.188
R-Value Work: 0.160
R-Value Observed: 0.181

wwPDB Validation | 3D Report | Full Report



Small Molecules

Ligands 2 Unique

ID	Chains	Name / Formula / InChI Key	2D Diagram	3D Interactions
FAD (Subject of Investigation/LOI) Query on FAD Download Ideal Coordinates CCD File Download Instance Coordinates	E [auth A], G [auth B], I [auth C], K [auth D]	FLAVIN-ADENINE DINUCLEOTIDE $C_{27}H_{33}N_9O_{15}P_2$ VWWQXMAJTJZDQX-UYBVJOGSSA-N		Interactions Interactions & Density
TRP (Subject of Investigation/LOI) Query on TRP Download Ideal Coordinates CCD File Download Instance Coordinates	F [auth A], H [auth B], J [auth C], L [auth D]	TRYPTOPHAN $C_{11}H_{12}N_2O_2$ QIVBCDIJIAJPQS-VIFPVBQESA-N		Interactions Interactions & Density

open chemistry DB

PubChem

https://pubchem.ncbi.nlm.nih.gov/compound/643975

Macromolecules

Find similar proteins by: Sequence (by identity cutoff) | 3D Structure

Entity ID: 1

Molecule	Chains	Sequence Length	Organism	Details	Image
AetF	A, B, C, D	663	Aetokthonos hydrillicola Thurmond2011	Mutation(s): 0 Gene Names: aetF	

GBIF Global Biodiversity Information Facility

https://www.gbif.org/species/8198514

https://www.rcsb.org/experimental/8CJE

ostrails
Funded by the European Union

Improve dataset with new metadata ?

ESRF
data repository

https://doi.org/10.15151/ESRF-DC-1089735712

Data Collection | Open access

Raw data (diffraction images) for PDB entry 8CJE "AETF, A SINGLE-COMPONENT FLAVIN-DEPENDENT TRYPTOPHAN HALOGENASE, IN COMPLEX WITH L-TRYPTOPHAN"

Simon Gäfe; Hartmut H. Niemann

Data set exhibiting non-merohedral twinning with high twin fraction of 0.4. The point group appears to be 422 but the space group is actually P212121. The publication describing the experiment can be accessed via the PDB entry.

Metadata

Identifier

DOI 10.15151/ESRF-DC-1089735712

Proposals
MX-2393

Beamlines
ID30B

Public release year
2023

Publisher
European Synchrotron Radiation Facility

Licence (for files)
Creative Commons Attribution 4.0

PDB	8CJE
GBIF species	Aetokthonos hydrillicola
PubChem	FLAVIN-ADENINE DINUCLEOTIDE

User input required at sample or dataset creation

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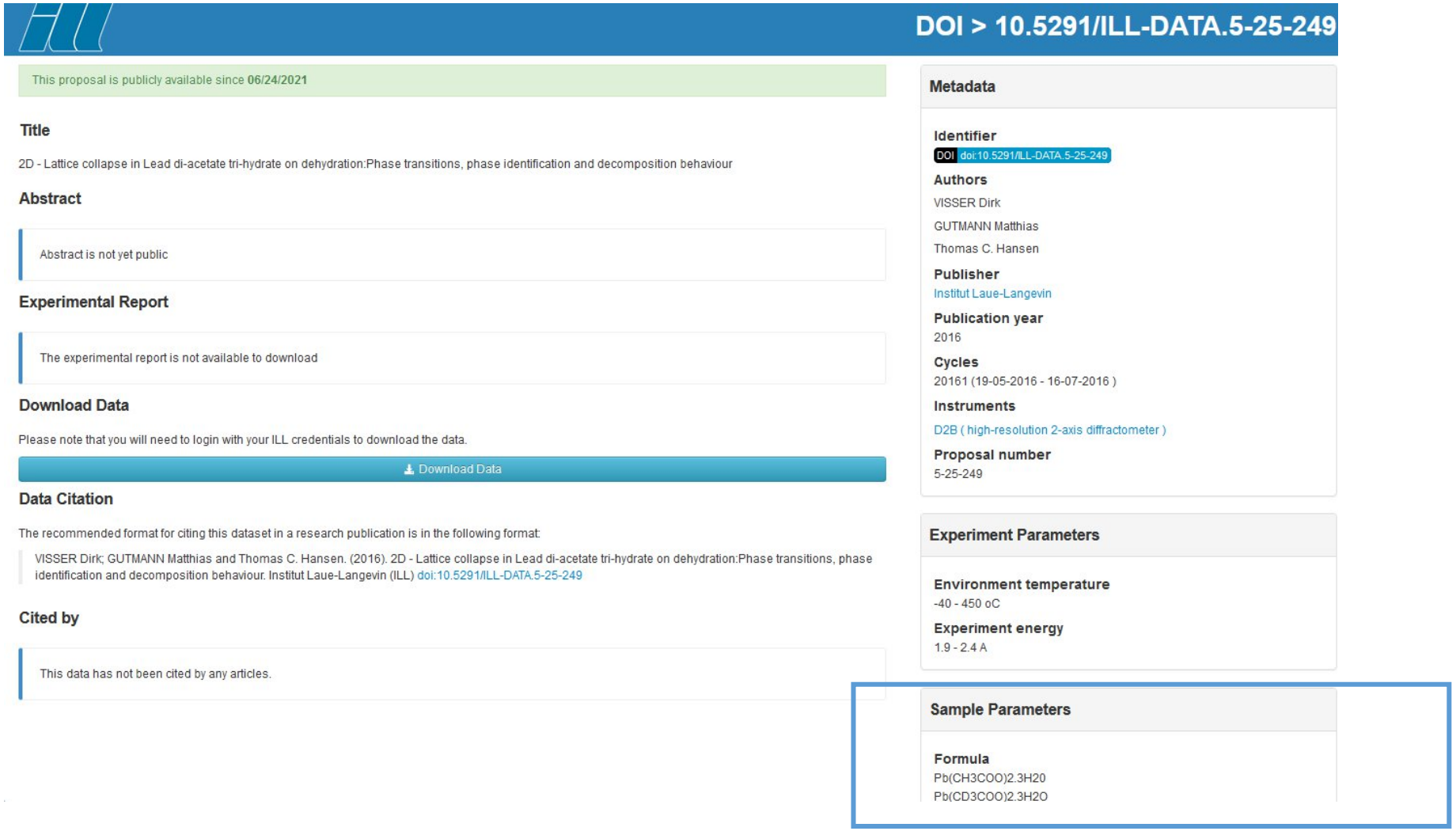
ILL data example with chemical formula



DOI > 10.5291/ILL-DATA.5-25-249

This proposal is publicly available since **06/24/2021**

Title

2D - Lattice collapse in Lead di-acetate tri-hydrate on dehydration:Phase transitions, phase identification and decomposition behaviour

Abstract

Abstract is not yet public

Experimental Report

The experimental report is not available to download

Download Data

Please note that you will need to login with your ILL credentials to download the data.

Download Data

Data Citation

The recommended format for citing this dataset in a research publication is in the following format:

VISSER Dirk; GUTMANN Matthias and Thomas C. Hansen. (2016). 2D - Lattice collapse in Lead di-acetate tri-hydrate on dehydration:Phase transitions, phase identification and decomposition behaviour. Institut Laue-Langevin (ILL) doi:10.5291/ILL-DATA.5-25-249

Cited by

This data has not been cited by any articles.

Metadata

Identifier

DOI doi:10.5291/ILL-DATA.5-25-249

Authors

VISSER Dirk

GUTMANN Matthias

Thomas C. Hansen

Publisher

Institut Laue-Langevin

Publication year

2016

Cycles

20161 (19-05-2016 - 16-07-2016)

Instruments

D2B (high-resolution 2-axis diffractometer)

Proposal number

5-25-249

Experiment Parameters

Environment temperature

-40 - 450 oC

Experiment energy

1.9 - 2.4 A

Sample Parameters

Formula

Pb(CH3COO)2.3H20

Pb(CD3COO)2.3H2O

https://doi.ill.fr/10.5291/ILL-DATA.5-25-249

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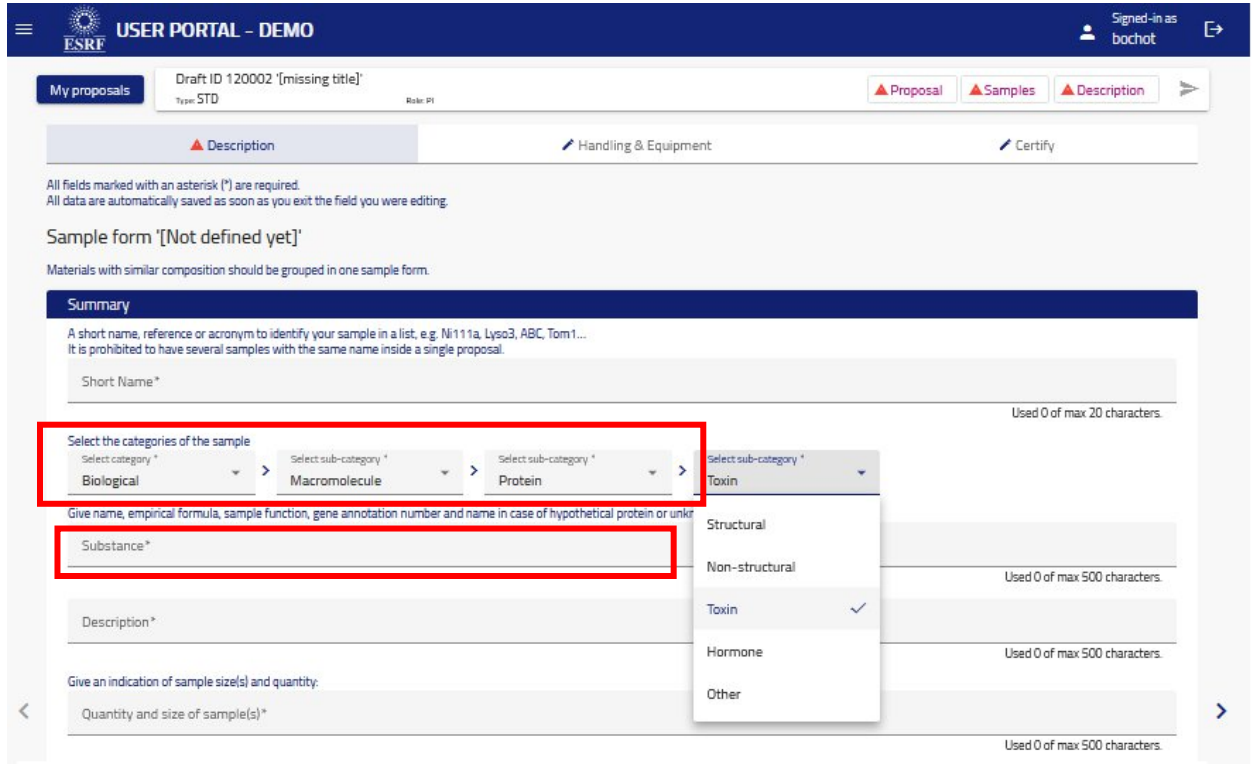
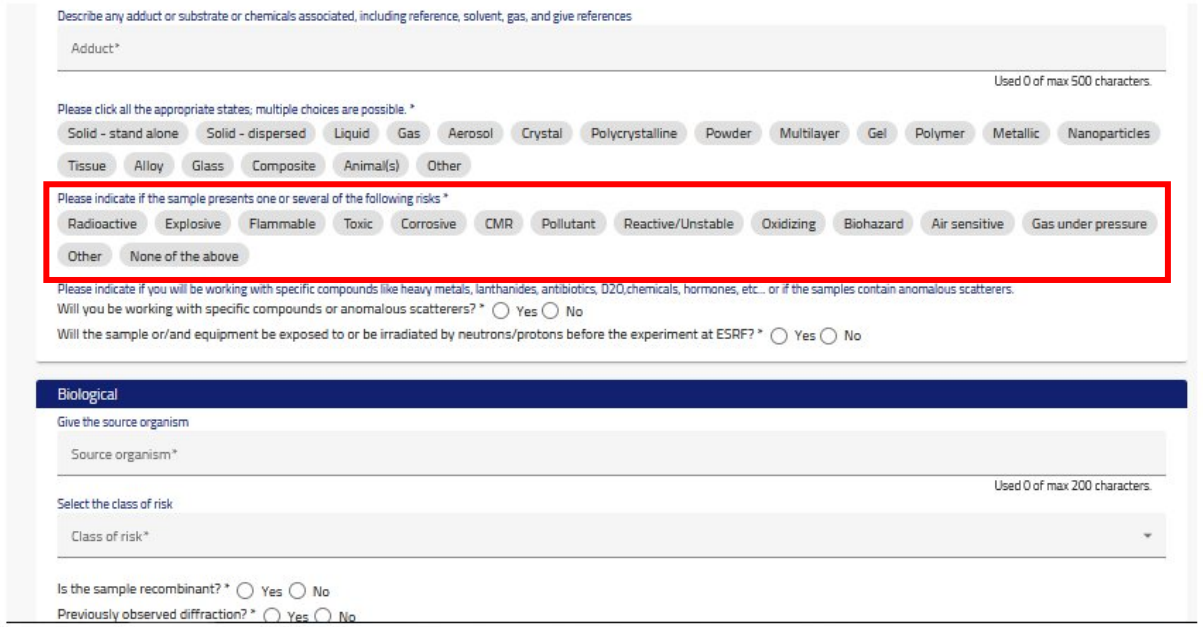
ESRF sample management





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Proposal & Dataset Citation

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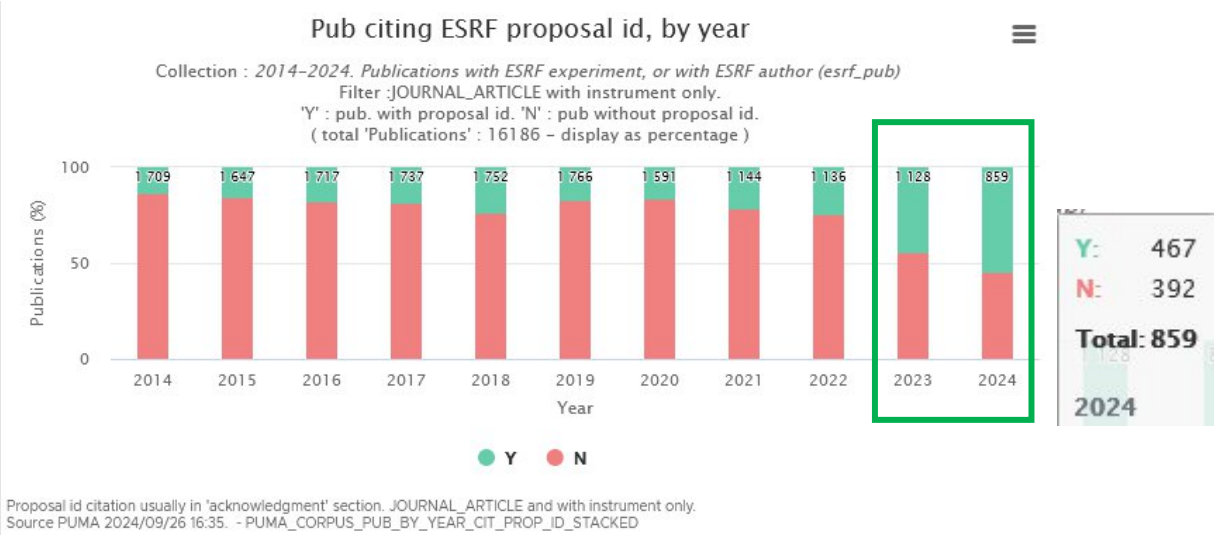
Proposal Id & Dataset DOI in publications

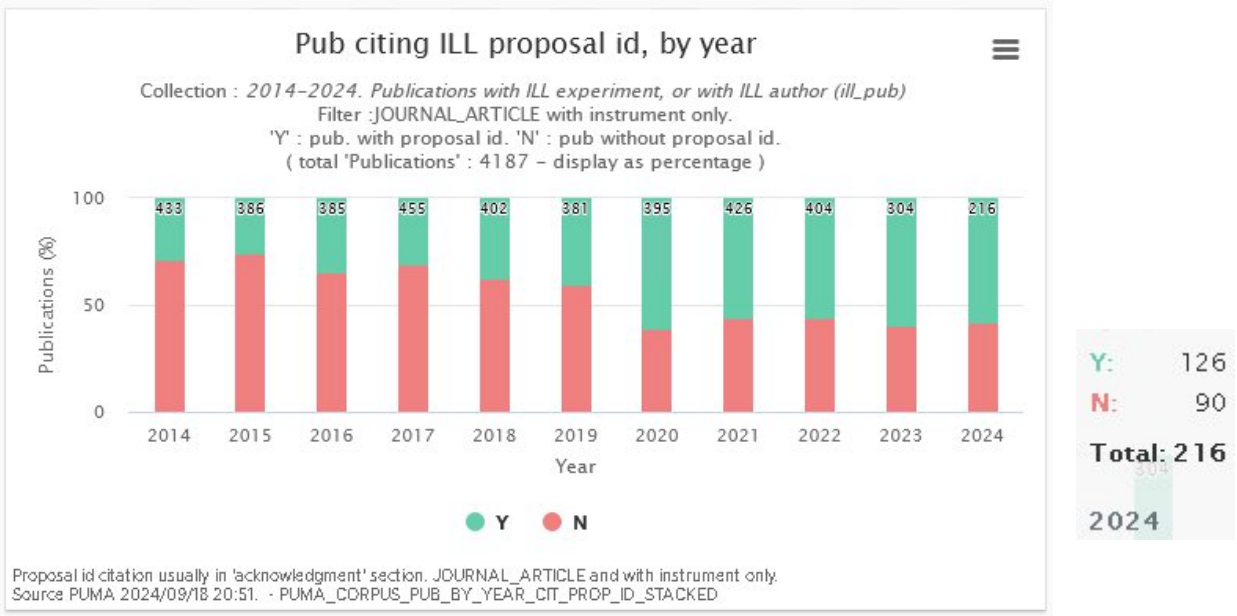
- Acknowledgment section. Ex: 10.1021/acs.chemmater.4c00555

Acknowledgments

Funding was received from the European Union (ERC AdG, UniEnMLD, No. 101097815). Views and opinions expressed are however those of the authors only and do not necessarily reflect those of the European Union or the European Research Council. Neither the European Union nor the granting authority can be held responsible for them. This work was also partly supported by the Finnish Cultural Foundation (THERMOF), Magnus Ehrnrooth Foundation, KU Leuven (GSFAH/22/001), Research Foundation Flanders (1263622N), JSPS KAKENHI (JP22H05143; Transformative Research Areas (A) "Supra-ceramics"), and Scandinavia-Japan Sasakawa Foundation. We acknowledge the European Synchrotron Radiation Facility (ESRF) for provision of synchrotron radiation facilities (beamline ID26) under the proposal number CH-6525 (DOI: 10.15151/ESRF-ES-894388406). We also acknowledge Diamond Light Source for time on Beamline I07 under proposal si29967 and thank Francesco Carlà, Jonathan Rawle, Jorid Smets, and Jesús Gándara-Loe. We also thank CSC – the Finnish IT Center for Science for computational resources. Anni Virta and Mikhail Kuklin are acknowledged for contributions to the USPEX crystal structure predictions. Olga Partanen is acknowledged for contributions to the thermal stability studies. Miwa Saito and Yusuke Asai are acknowledged for contributions to the in situ FTIR experiments.

Publication – Proposal ID link





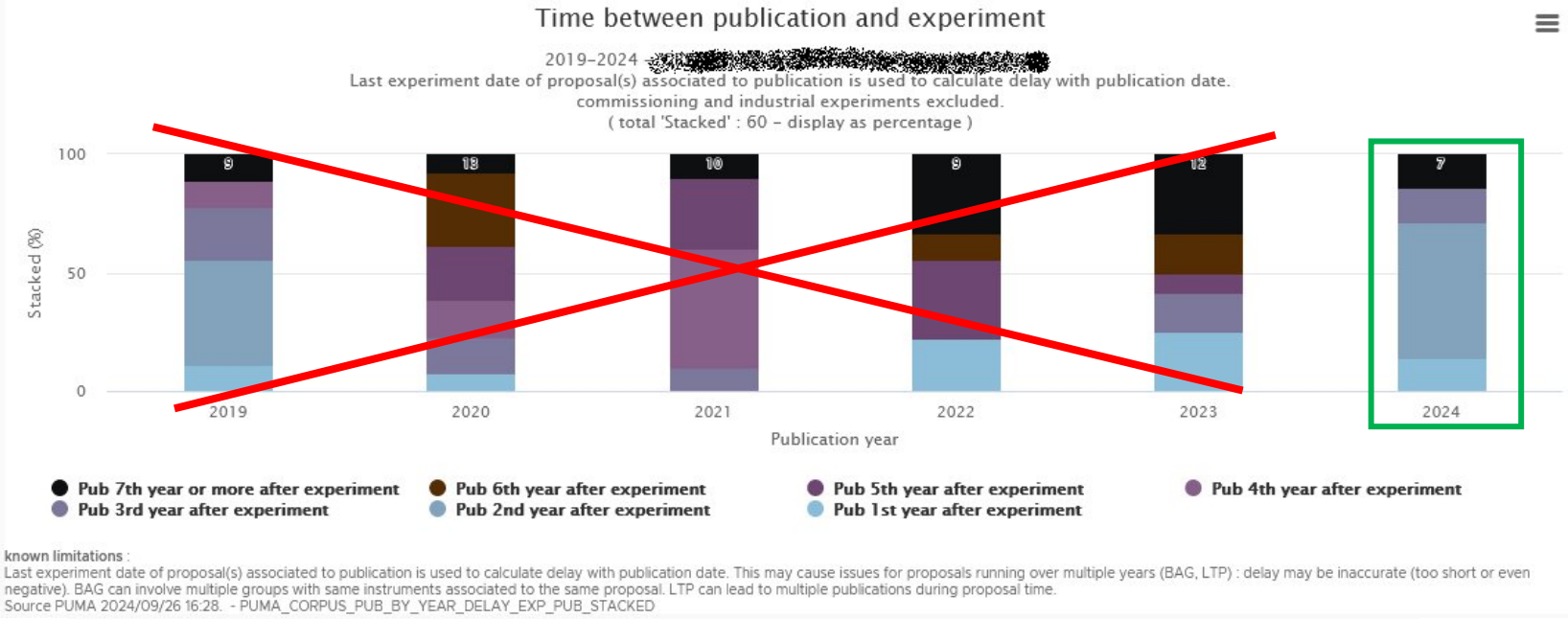
ESRF

- Library email campaign : we now ask the users for missing proposal reference in publication ex: MX-12345. Flora **library** database is updated
- Email sent 08/2024 to publication corresponding authors (for 2023 and 2024 publications)
- Good user responses : we see impact on data quality for these years.
- First ESRF DOIs created in 2018 (source Datacite search api)

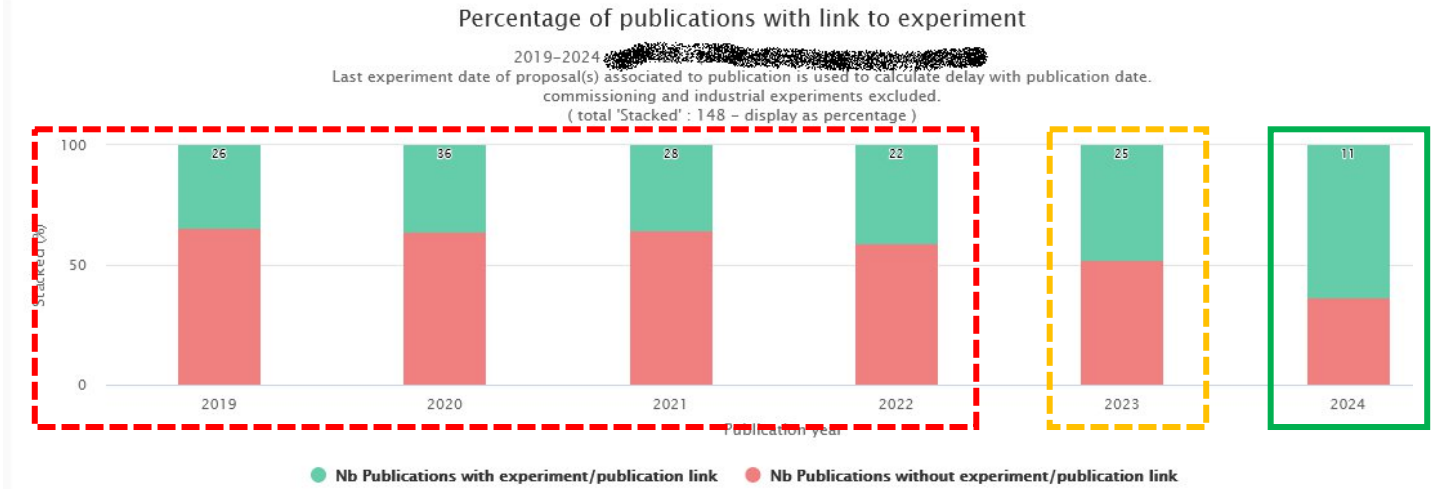
ILL

- Without email campaign
- Publication proposal link is better than ESRF
- First ILL DOIs created in 2013 (source Datacite search api)
- Email campaign planned by ILL library.

Time between experiment and publication



known limitations :
Last experiment date of proposal(s) associated to publication is used to calculate delay with publication date. This may cause issues for proposals running over multiple years (BAG, LTP) : delay may be inaccurate (too short or even negative). BAG can involve multiple groups with same instruments associated to the same proposal. LTP can lead to multiple publications during proposal time.
Source PUMA 2024/09/26 16:28. - PUMA_CORPUS_PUB_BY_YEAR_DELAY_EXP_PUB_STACKED



Source PUMA 2024/09/26 16:28. - PUMA_CORPUS_PUB_BY_YEAR_EXP_PUB_DATA_STACKED

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Conclusion

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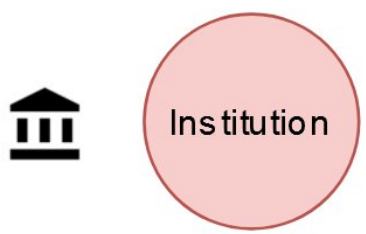
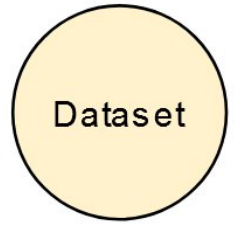
PIDs, Vocabularies, Ontologies...



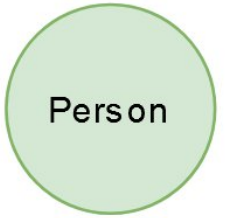
ROR

ESRF : https://ror.org/02550n020



DataCite doi

ESRF data doi :
https://doi.org/10.15151/ESRF-DC-572196058



iD ORCID

G. Bouchard : 0000-0003-0705-6026

Crossref doi

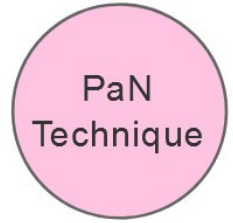
Crossref doi

https://doi.org/10.1038/s41592-021-01317-x

DataCite doi

ISSN

Nature Communications :
2041-1723



PaNET

vocabulary/ontology
Photon **a**nd **N**eutrons **E**xperiment **T**echniques

SAXS - Small Angle X-ray Scattering :
http://purl.org/pan-science/PaNET/PaNET01188

RCSB PDB PROTEIN DATA BANK

GBIF Global Biodiversity Information Facility

PubChem

WIKIDATA

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Wait… Could it work with bad metadata and a bit of AI/ML ?

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Harvard dataset

http://doi.org/10.7910/DVN/0JV5RU/U6LOAQ

HARVARD Dataverse

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Ashley Rubinstein Dataverse

(UT Health McGovern Medical School)

Harvard Dataverse > Ashley Rubinstein Dataverse > Radiation-Induced Lung Toxicity in Mice Irradiated in a Strong Magnetic Field - Mouse 109 >

109_0166.dcm

This file is part of "Radiation-Induced Lung Toxicity in Mice Irradiated in a Strong Magnetic Field - Mouse 109".

Version 1.0

File Citation

Rubinstein, Ashley, 2018, "109_0166.dcm", *Radiation-Induced Lung Toxicity in Mice Irradiated in a Strong Magnetic Field - Mouse 109*, https://doi.org/10.7910/DVN/0JV5RU/U6LOAQ, Harvard Dataverse, V1

Cite Data File ▾ Learn about Data Citation Standards.

Dataset Citation

Rubinstein, Ashley, 2018, "Radiation-Induced Lung Toxicity in Mice Irradiated in a Strong Magnetic Field - Mouse 109", https://doi.org/10.7910/DVN/0JV5RU, Harvard Dataverse, V1

Cite Dataset ▾ Learn about Data Citation Standards.

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      familyName: "Rubinstein"
      affiliation:
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OpenAlex

OpenAlex

Radiation-Induced Lung Toxicity in Mice Irradiated in a Strong Magnetic Field - Mouse 109 109_0166.dcm

HTML API

Year: 2018

Type: dataset

Source: Harvard Dataverse

Author Ashley Rubinstein

Institution The University of Texas Health Science Center at Houston

Cites:

Cited by:

Related to: 10

Topic: Biological Effects of Electromagnetic Fields

Subfield: Biophysics

Field: Biochemistry, Genetics and Molecular Biology

Domain: Life Sciences

Open Access status: gold


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https://api.openalex.org/works/doi:10.7910/dvn/0jv5ru/u6loaq

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Next ?

- https://openalex.org/works?page=1&filter=type%3Atypes%2Fdataset,primary_location.source.id%3As4377196806

- https://www.youtube.com/watch?v=cKUKXwxAlOM

Webinar: Finding, tracking, and analyzing research datasets in OpenAlex

OurResearch
651 abonnés
S'abonner
10
Partager
Clip
Enregistrer

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OpenAlex

Article Talk

From Wikipedia, the free encyclopedia

OpenAlex is a bibliographic catalogue of scientific papers, authors and institutions accessible in open access mode, named after the Library of Alexandria. It started operating in January 2022 by OurResearch as a successor of the terminated Microsoft Academic Graph. OpenAlex competes with commercial products such as Clarivate's Web of Science or Elsevier's Scopus, and is complemented by Bibliometrics tools and an API.[1][2]

In 2024, the French Ministry of Research and Higher Education pledged to contribute financially to the project, considering it "as a crucial open science infrastructure".

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Thanks :-)

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