



# CORE Membership Benefits overview



Big Scientific Data and  
Text Analytics group

# Tools and benefits for **STARTING** members

For all CORE users:

- Content discovery (Search, Discovery and Recommender tools)
- OAI identifiers resolved to your repository
- Use of The CORE Dashboard
- Download statistics
- Repository Discovery Boost
- RIOXX metadata validator

# Content discovery

## STARTING

### Search

- Full text search for OA content
- Faceted search capability

### Recommender

- Plug-in for repositories
- Relevant recommendations
- Used by 499 repositories, including arXiv.org

### Discovery

- Plug in for repositories
- Enhanced end-user experience
- Better discoverability for your content

Search across 10,230 journals and repositories

Data Services About ...

The Open University, United Kingdom  
Open Research Online  
Sustaining member

9,266 full texts 11,635 metadata records

Updated in last 30 days.

Map showing the location of The Open University, United Kingdom in the United Kingdom.

14,785 research outputs found Sort by Relevance

**Semantometrics: Towards Fulltext-based Research Evaluation**  
D. Herrmannova, P. Knoth • ACM • 2016  
[Free PDF](#)

**Semantometrics** are a new class of research evaluation metrics which build on the premise that full-text is needed to assess the value of a publication.

**Semantometrics: Fulltext-Based Measures for Analysing Research Collaboration**  
D. Herrmannova, P. Knoth • International Society for Scientometrics and Informetrics • 2015  
...called **Semantometrics** in relation to the role of "bridges" in scholarly publication networks.  
[Free PDF](#)

**Text and Graph Based Approach for Analyzing Patterns of Research Collaboration: An analysis of the TrueImpactDataset**  
D. Herrmannova, P. Knoth, J. Wells • 2018 • Computer science  
[Free PDF](#)

This approach, which we have introduced in a previous publication (Herrmannova et al., 2017), belongs to a class of methods referred to as "**semantometrics**"...

**The scientific and pedagogical professionals' informational and research competence development with the use of open electronic educational and science systems**  
С. Иванова • IIT3H • 2018 • Computer science  
...Weigert, "Towards Full-Text Based Research Metrics: Exploring **Semantometrics**". Library & Scholarly Futures. JISC (Joint Information Systems Committee). Retrieved Aug. 19, 2016.  
[Free PDF](#)

In August, Open Research Online was among 10% most popular repositories in CORE by the full text downloads. 🎉

Access Repository Dashboard

Do you manage Open Research Online? Access insider analytics, issue reports and manage access to outputs from your repository in the **CORE Repository Dashboard**! 🚀

[SIGN IN](#) [CREATE ACCOUNT](#)

# OAI Resolver

## STARTING

OAI identifiers: Unique permanent identifiers (PIDs) for open repositories:

- Why use OAI for repositories?
  - ◆ Complement, rather than replace DOIs
  - ◆ Link to the data provider rather than to the publisher's website
  - ◆ Cost-free to mint
- Data providers can freely register their OAI prefix with CORE



# OAI Identifiers resolved to your repository

## STARTING

**OAII**

### Register OAII mapping

This allows you to register a mapping between the OAII Prefix and the URL in your repository to which it should resolve. Once resolved and activated your OAII resolver will start resolving your OAII's direct to your repository metadata page. Where not registered, we will resolve to the metadata page in CORE. To find out more see [OAII identifier documentation](#).

The first part of your repository's OAII identifiers until the colon:

OAII Prefix  
oai:oro.open.ac.uk

Example: oai:digital.lib.washington.edu

Mapping to your repository's metadata page.

URL Mapping  
http://oro.open.ac.uk

Example: digital.lib.washington.edu

Activate resolving to your repository

OAII settings lead to the CORE website.

OAII Prefix: oai:oro.open.ac.uk

URL Mapping: http://oro.open.ac.uk

Activate resolving to your repository

OAII Identifier: oai:oro.open.ac.uk:60965674890

Last time updated on 30 June 2016

License: CC by

DOI: oai:oro.open.ac.uk:43322

Semantometrics: Towards Fulltext-based Research Evaluation

Dimitris Hermannos and Petr Kreth - Computer Science • 23 June 2016 • Proceedings of the 16th ACM/IEEE-CS on Joint Conference on Digital Libraries - JCDL '16 • DOI:10.1145/2910896.2925446

Zero and low carbon buildings: A driver for change in working practices and the use of computer modelling ... Show more

Open in the repository | Live in CORE

CORE website

CORE website leads to the Repository landing page.

The Open University

Open Research Online - ORO

Now we are 13. Open Research Online becomes a teenager!

Biggs, Chris; Dowson, Nicola and Stiles, Alan (2015). Now we are 13. Open Research Online becomes a teenager! In: OR2015-10th International Conference on Open Repositories, 8-11 Jun 2015, Indianapolis, Indiana, USA.

Abstract

The history of the Open University (UK) institutional repository (Open Research Online) is one of changing requirements as defined by its research community, institutional administrators and external HE policy. How the repository has responded to these changes has ensured its success. However, how we manage the (potentially) competing requirements of compliance monitoring and Open Access dissemination will determine the future of the repository.

Viewing alternatives

Look up in Google Scholar

Download history

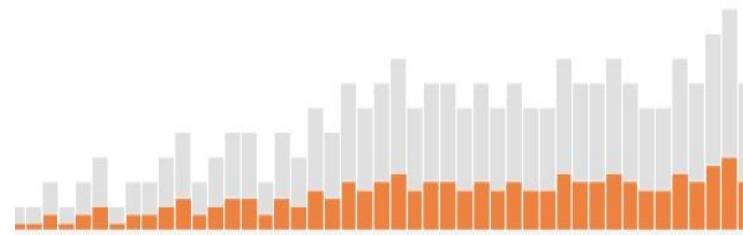
2015 Jun Apr Feb Dec Oct Aug Jun Apr Feb Dec Oct 2016 2017 2018 2019 2020 2021 2022 2023

Repository landing page

# CORE Dashboard

## STARTING

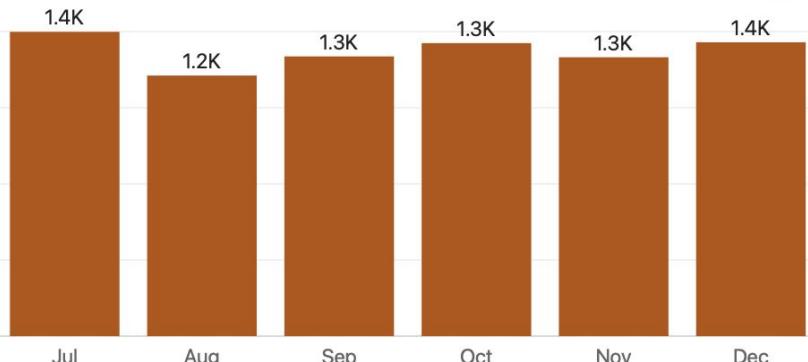
- Offers user download and repository harvesting **statistics**
- Provides **monitoring, issue reporting** and advice to repositories
- Allows updating of metadata records
- Helps **manage access** to documents from your repository in CORE
- Data enrichments (DOIs, ORCIDs, ISSNs)
- 474 unique registered institutions
- Over 100 UK HEIs logged in to the CORE Repository Dashboard in the last 3 months



# CORE Dashboard: download statistic and metadata quality

STARTING

## Download statistics



Statistics collected by IRUS from core.ac.uk

## Metadata quality

Compares your metadata with RIOXX guidelines

51.59% 48.41%

**26,388** outputs are missing **identifier**

**1,207** outputs are missing **author**

LEARN MORE

# CORE Dashboard: a health check for your metadata

## STARTING

- Overview
- Harvesting**
- Content
- OA compliance
- DOI
- Plugins
- Membership

---

- Settings
- Start tutorial

### General information

Last successful updating **28/01/2023**

Total harvested outputs **55.25K**

37%  20.26K Full texts

Harvested with **27,323** issues affecting 36,347 records

---

### Harvesting issues

**ALL**   **ERRORS**   **WARNINGS**   **OTHER**

**⚠ Embargoed full text**

The full text download URL has restricted access. If the fulltext is intended to be embargoed or restricted in some way, no further action is required.

**8914** records are affected by this issue

**💡 Recommendation**

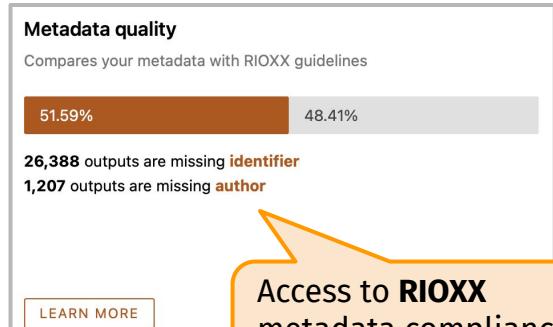
No action needed. However, you might use this to check if your embargo settings are valid.

**DOWNLOAD IN CSV**   **SEE THE LIST**

# RIOXX metadata validator

## STARTING

- Adopt a relevant application profile (e.g. RIOXX.net)
- Use a metadata validation service, e.g. within the CORE Repository Dashboard



Access to RIOXX metadata compliance checking

RIOXX metadata validator **BETA**

This metadata validator helps you to assess how well your metadata comply with RIOXX and provide recommendations on improving this compliance.

The validator works for both RIOXX v2 and RIOXX v3. You can input a sample RIOXX record into the below text field to see how it complies with RIOXX. Where issues are detected, we provide recommendations to help you improve your metadata quality. While we are encouraging everybody to migrate to RIOXXv3, keep in mind that RIOXX v3 is as of 1st April 2023 still in the Release Candidate 1 version and some of the recommendations might change when the final version is released.

MY REPOSITORY    RIOXX VALIDATOR

Validate a metadata record

You can input a record XML (what is enclosed in the <riox...>/riox> tags).

<riox

t/schema/v3.0/rioxx# /2014/ali/1.0# >/elements/1.1# org/dc/terms# cs.rioxx.net/schema/v3.0/rioxxterms# www.rioxx.net/schema/v3.0/rioxx# /3.0/rioxx/riox.xsd# org/2001/XMLSchema-instance# > to\_read>

EXAMPLE 1 (FULLY COMPLIANT)    EXAMPLE 2 (PARTIALLY COMPLIANT)

VALIDATE

# Tools and benefits for **SUPPORTING** members

All the **STARTING** member tools and  
benefits, plus:

- Versions and duplicates detection
- Rights Retention Strategy (RRS) Identification
- Use of the CORE API for your institution
- You join the CORE Board of Supporters
- Technical Support for your OA queries
- Logos for your papers
- Logo banner

# Versions and duplicates detection

SUPPORTING

Metadata title	The reference paper	
Title	'Different people, different backgrounds, different identities': filling the vacuum created by police... <a href="#">SHOW MORE</a>	The record that the reference paper is contained in: OAI article/23782746 <a href="#">Live in CORE</a> <a href="#">Open in The Repository</a>
Author	Bates, Gareth, Connolly, Steve	Gareth Bates (16666770), Steve Connolly (16664805) <a href="#">Live in CORE</a> <a href="#">Open in The Repository</a>
Type	Not available	Not available <a href="#">Live in CORE</a> <a href="#">Open in The Repository</a>
Field of study	Not available	Not available <a href="#">Live in CORE</a> <a href="#">Open in The Repository</a>
DOI	10.1002/curj.198	Not available <a href="#">Live in CORE</a> <a href="#">Open in The Repository</a>
OAI	oai:figshare.com:article/23769468 +3	oai:figshare.com:article/23782746 oai:figshare.com:article/23769468 <a href="#">Live in CORE</a> <a href="#">Open in The Repository</a>
Publication date	2022-12-29T00:00:00	2022-12-29T00:00:00+0:00 2022-12-29T00:00:00+0:00 <a href="#">Live in CORE</a> <a href="#">Open in The Repository</a>
Deposited date	Not available	Not available <a href="#">Live in CORE</a> <a href="#">Open in The Repository</a>
Abstract	The notion of cultural capital, defined in its Amoldian sense, of "the best that has been thought and said", has been at the centre of the Conservati... <a href="#">SHOW MORE</a>	The notion of cultural capital, defined in its Amoldian sense, of "the best that has been thought and said", has been at the centre of the Conservati... <a href="#">SHOW MORE</a> <a href="#">Live in CORE</a> <a href="#">Open in The Repository</a>
Version	Not available for works	Please indicate the version of article: Mark this paper as: <a href="#">Live in CORE</a> <a href="#">Open in The Repository</a>
	The reference paper is a research Works entity which represents a research output irrespective of the repository it is stored in. This is an abstract research works entity created for this paper by using metadata from across CORE's data providers.	Please indicate the version of article: Mark this paper as: <a href="#">Live in CORE</a> <a href="#">Open in The Repository</a>

List of possible duplicates



Comparison mode

## Find versions and near-duplicates BETA

Our technology searches your repository to identify different versions of your articles and potential duplicates within your repository. This can help you in managing and curating your repository content. We periodically detect near-duplicate records and versions and allow you to compare them side by side. This can hel... [SHOW MORE](#)

### Last successful check

29/05/2023

Detection of versions and near-duplicates runs automatically every time after your repository is harvested.

### Number of matches

Please be aware that it is a list of possible duplicates, and you can review it.

964

[DOWNLOAD](#)

### List of potential duplicates and alternative versions

Search

OAI	Title	Authors	Duplicates	Publication date		
6864	Policy refinement for Di...	Bandara, Arosha K. ...	+ 2 found	2005-05-01	<a href="#">View</a>	<a href="#">More</a>
18692	A psychoacoustical inve...	Whitehouse, James ...	+ 2 found	2008-04	<a href="#">View</a>	<a href="#">More</a>

[DOWNLOAD CSV](#)

Showing 1-20 records of 466 records

[SHOW MORE](#)

# Rights Retentions

## SUPPORTING

- Review outputs with Rights Retention records found in your repository.
- Browse Rights Retention records and include it to your repository
- Improve your metadata quality

### Rights Retention Strategy (RRS) Identification

According to the Plan S, the Rights Retention Strategy (RRS) enables authors to exercise the authorship rights they have on their manuscripts to deposit a copy of the Author Accepted Manuscript (AAM) in a repository on publication and provide open access to it. RRS is typically implemented by means of authors inserting a rights retention statement... [Show more](#)

Outputs with RRS statements  
within your repository collection

2,345

[Download](#)

RRS statements to review  
action recommended

323

[Review](#)

RRS demo checker



Drag and drop your file here or [Choose file](#)

Supported formats: pdf, doc  
Maximum size: 10MB

[Upload](#)

### Outputs with RRS statements found in your repository

In the list below you can review and approve all detected RRS statements.

OAI	Title	Author	Publication date	Identified licence	Extracted RRS	Status
32263	Lorem ipsum dolor sit amet, consec...	Lorem ipsum dolor sit am...	12.07.2021	CC-By	<a href="#">Review RRS</a>	
32263	Lorem ipsum dolor sit amet, consec...	Lorem ipsum dolor sit am...	12.07.2021	Open Data ...	<a href="#">Review RRS</a>	
32263	Lorem ipsum dolor sit ...				<a href="#">Review RRS</a>	
32263	Lorem ipsum dolor sit ...				<a href="#">Review RRS</a>	
32263	Lorem ipsum dolor sit ...			CC-By	<a href="#">Review RRS</a>	

[Download CSV](#)

#### Rights retention statements

"For the purposes of open access, the author has applied a Creative Commons Attribution (CC BY) licence to any Author Accepted Manuscript version arising from this submission."

[Open full text in the CORE reader](#)

Wrong

Correct

1 - 10 of 100

[Show more](#)

## Use of the CORE API

### SUPPORTING

- Enables development of new applications
- Real-time machine access to the world's largest collection of full-text open-access papers
- Harmonised access to data from across the network of CORE providers



## Board of Supporters

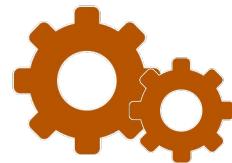
SUPPORTING

### CORE Governance

- The Board meets annually to identify opportunities, collect feedback and help prioritise the development of the service.
- Helping guide and shape the future of CORE

## Technical Support for your OA queries

SUPPORTING



Our team has extensive experience in working with repositories and open scholarly infrastructures. We are here to assist our members with technical issues relating to discovery and compliance.

# Logo for your papers

SUPPORTING

The Open University, United Kingdom  
Open Research Online  
Sustaining member

Search over 11K research outputs in Open Research Online

Field Year Type Author Language Clear all filters

14,785 research outputs found Sort by Relevance

**Semantometrics: Towards Fulltext-based Research Evaluation**  
D. Herrmannova, P. Knoth · ACM · 2016  
Semantometrics are a new class of research evaluation metrics which build on the premise that full-text is needed to assess the value of a publication.

**Semantometrics: Fulltext-Based Measures for Analysing Research Collaboration**  
D. Herrmannova, P. Knoth · International Society for Scientometrics and Informetrics · 2015  
...called Semantometrics in relation to the role of "bridges" in scholarly publication networks.

**Text and Graph Based Approach for Analyzing Patterns of Research Collaboration: An analysis of the TruelmpactDataset**  
D. Herrmannova, P. Knoth, J. Wells · 2018 · Computer science  
This approach, which we have introduced in a previous publication (Herrmannova et al., 2017), belongs to a class of methods referred to as "semantometrics" ...

**The scientific and pedagogical professionals' informational and research competence development with the use of open electronic educational and science systems**  
C. Isanova · ITI3H · 2018 · Computer science

9,266 full texts 11,635 metadata records Updated in last 30 days.

The Open University, United Kingdom

In August, Open Research Online was among 10% most popular repositories in CORE by the full text downloads.

Access Repository Dashboard

You do manage Open Research Online? Access insider analytics, issue reports and manage access to outputs from your repository in the CORE Repository Dashboard!

SIGN IN CREATE ACCOUNT

CORE Search

**Semantometrics: Towards Fulltext-based Research Evaluation**  
D. Herrmannova, N. Sheppard +2 · ACM · 2016  
Free PDF

**Semantometrics** are a new class of research evaluation metrics which build on the premise that full-text is needed to assess the value of a publication.

Open Research Online and arXiv – e-print archive

**Semantometrics: Fulltext-Based Measures for Analysing Research Collaboration**  
D. Herrmannova, J. Wells · International Society for Scientometrics and Informetrics · 2015  
Full text link

...called **Semantometrics** in relation to the role of "bridges" in scholarly publication networks.

Open Research Online

Discovery

Discovery

We could not find a free full text for you but we have prepared a list of fresh papers similar to what you are looking for.

**What is the state of play? The Grasshopper's game replayed**  
D. Herrmannova, P. Knoth · ACM · 2016  
Year: 2022  
Free PDF

Open Research Online and arXiv – e-print archive

Recommender

CORE White Rose Research Online POWERED BY CORE

CORE is the world's largest aggregator of open access research papers from repositories and journals.

**Semantometrics: Towards Fulltext-based Research Evaluation**  
D. Herrmannova, P. Knoth · ACM · 2016  
Free PDF

**Semantometrics** are a new class of research evaluation metrics which build on the premise that full-text is needed to assess the value of a publication.

Open Research Online and arXiv – e-print archive



<https://core.ac.uk/services/repository-dashboard>

# Logo banner

SUPPORTING

We display banners acknowledging  
the **generous support of our  
members** in multiple places in the  
CORE ecosystem

The screenshot shows the CORE repository dashboard. At the top, there is a search bar with a magnifying glass icon and the word "search". Below the search bar are dropdown menus for "Field", "Year", "Type", "Author", and "Language". To the right of these is a "Services" dropdown menu. A large orange callout bubble originates from the "SUPPORTING" logo and points to a banner for Brunel University London, which is labeled "Sustaining member". The banner features the university's logo and name. In the main content area, there is a card for a research output titled "Suppression of Magnetic State Decoherence Using Ultrafast Optical Pulses" by Berman P. R. and Search C., published in 'American Physical Society (APS)' on 01/03/2000. The card includes a thumbnail of the document, download and share buttons, and sorting options. Below the card, it says "arXiv.org e-Print Archive and CERN Document Server".

# Tools and benefits For **SUSTAINING** members

All the **STARTING** and **SUPPORTING** member tools and benefits, plus:

- CORE OA Compliance dashboard
- Use of the CORE dataset for your institution
- DOI check
- Repository health check
- Personalised banner
- Hosted or interview style blog post on mission-aligned activities

# CORE Dashboard: OA compliance

## SUSTAINING

Dashboard Open Research Online theteam@core.ac.uk | Logout

Overview Harvesting Content OA compliance DOI Plugins Membership Settings

**Open Access compliance**

We are now working on tools to provide OA compliance checking according to other policies. If you are interested in us helping you to check compliance against a specific policy, please contact us.

**Data overview**

Number of outputs that are within this REF 2021 period, for which CORE has data and can calculate compliance. This number is used to create the compliance percentage of a repository.

**4.81K** outputs counted

**4.45%** non-compliant

**REVIEW DATA**

**Deposit time lag**

The chart displays outputs' distribution according to deposit time lag.

Time lag is the difference between deposit and publication date in the repository.

Publication date is taken from Crossref. When this is not available, the repository's one is used.

Deposit date is calculated using specific techniques. On EPrints repositories it is extracted from the Date Deposited field, while on DSpace the dc.date.available field is used.

**Cross-repository check**

Loading... outputs match

**CHECK OUTPUTS**

**Cross-repository check**

List of early outputs deposited in other repositories.

Loading data

**Publication dates**

Compares publication dates with Crossref

Matching 517 Partially matches 8 Different 457



<https://core.ac.uk/services/repository-dashboard>

# CORE Dashboard: Cross-repository check

## SUSTAINING

The screenshot shows the CORE Dashboard interface for a 'Sustaining' member. The left sidebar includes links for Dashboard, Overview, Harvesting, Content, OA compliance (which is selected), DOI, Plugins, Membership, and Settings. The main content area has a title 'Deposit time lag' and a bar chart showing the distribution of time lags between deposit and publication dates. A callout box points to this chart with the text: 'Sustaining members can see if there is an earlier version of an article in another repository ...'. Below the chart, a note explains: 'Time lag is the difference between Publication date is taken from Deposit date is calculated using specific tec...'. The note also states: 'It is extracted from the Date Deposited field, while On-Dspace the dc.date.available field is used.' The 'Cross-repository check' section lists early outputs deposited in other repositories, stating there are 569 non-compliant records, 41 of which are marked. Buttons for 'DOWNLOAD CSV' and 'REGISTER INTEREST' are present.

Sustaining members can see if there is an earlier version of an article in another repository ...

Time lag is the difference between Publication date is taken from Deposit date is calculated using specific tec... It is extracted from the Date Deposited field, while On-Dspace the dc.date.available field is used.

Cross-repository check  
List of early outputs deposited in other repositories.  
There are 569 non-compliant records in your repository, 41 out of which

DOWNLOAD CSV  
REGISTER INTEREST

...and can download a spreadsheet showing deposit dates from multiple repositories

# CORE Dashboard: DOI check

SUSTAINING

Sustaining members can **enrich** their data with DOIs identified in other repositories

Harvesting

Content

OA compliance

DOI

Plugins

Membership

Settings

Start tutorial

**Coverage**

Number of outputs with a DOI within the repository collection.

**13.65K**  
outputs with DOIs

Percentage of outputs with a DOI within the repository collection.

**65.05%**  
of records covered

CORE has discovered more DOIs which are not listed in the repository.

**406**  
more available

We have found 406 more DOIs that can be added to your repository. Review and download them below.

**Browse DOI records**

Search

DOI	Title	Authors
10.1080/17512780802054538	A clash of cultures: The integration of user-generated content within professional jo...	Hermida, A. Thurman, N.
10.1177/1464884910388228	Making 'The Daily Me': Technology, economics and habit in the mainstream assimil...	Thurman, N.
10.1080/14616700902812959	Taking the paper out of news: A case study of Taloussanomat, Europe's first online-...	Thurman, N. Myllylahti, M.
10.1177/1464884907076463	The globalization of journalism online: A transatlantic study of news websites and t...	Thurman, N.
10.1080/17512780701275523	Paid content strategies for news websites: An empirical study of British newspaper...	Thurman, N. Herbert, J.

**DOWNLOAD CSV**

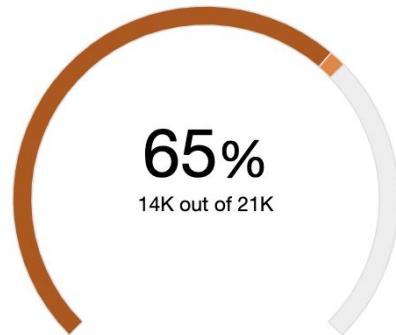
Showing 1-5 records **SHOW MORE**

CORE

# CORE Dashboard: enrichment tools

## SUSTAINING

### DOI coverage

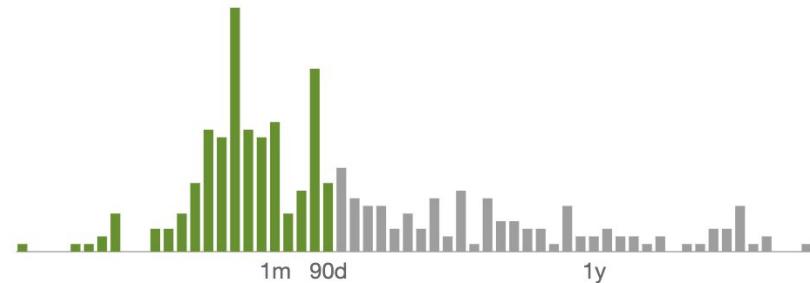


We can enrich your DOI coverage by **2.97%**. Download your CSV below.

- Outputs have DOI
- DOIs can be added by CORE
- Outputs without DOI

[DETAILS](#)

### OA compliance (REF)



38.63% of outputs are non-compliant.

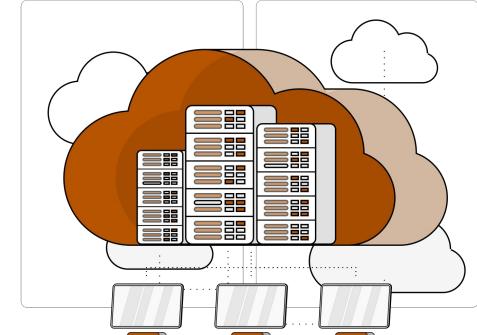
[DETAILS](#)

# Use of the CORE Dataset for your institution



## SUSTAINING

- The entire CORE corpus of both metadata and full texts available in a machine-readable format
- Direct machine access to full texts of research papers
- A wide range of application areas:



plagiarism detection

fact checking and misinformation detection

research graphs

systematic reviews

research trends

research assessment

identifying peer-reviewers

recommender systems

compliance monitoring

drug discovery

# Repository health check

SUSTAINING



We provide a **metadata quality assessment** for your institution, in relation to FAIRness and OA compliance policies.

We make **recommendations and guidance** for how to improve it.\*

\*One free consultation per year

# Personalised banner

SUSTAINING

You can **promote** on  
the CORE website:

Research conferences

Events

Academic jobs

Other mission-aligned  
communications



**Evaluating the Search Phase of Neural Architecture Search**  
Jaggi Martin, Musat Claudiu +3 MORE · 22/11/2019

Neural Architecture Search (NAS) aims to facilitate the design of deep networks for new tasks. Existing techniques rely on two stages: searching over the architecture space and validating the best

[Full text link](#)

arXiv.org e-Print Archive

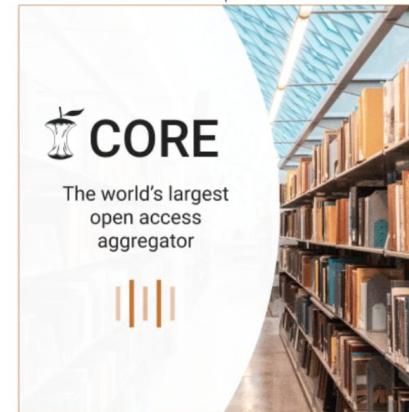


**Local Search Methods for Fast Near Neighbor Search**  
Chavez Edgar, Graff Mario, Ruiz Guillermo, Tellez Eric S. · 16/01/2019

Near neighbor search is a powerful abstraction for data access; it allows searching for objects similar to a query. Search indexes are data structures designed to accelerate computing-intensive data

[Full text link](#)

arXiv.org e-Print Archive



**600K+**  
daily users

**20M+**  
monthly users

# Let us help you promote your mission-aligned activities

## SUSTAINING

We will help promote open science at your institution via case studies and interviews on the **CORE website** and at conferences and events.





Joining CORE benefits your institution

Become a member to demonstrate your support for  
Open Research



# Thank you!

<https://core.ac.uk/>

For more information, contact:

[membership@open.ac.uk](mailto:membership@open.ac.uk)