



# CORE Member Benefits

January 2023

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# CORE and the OA landscape



**CORE's mission is**

to index all open access research worldwide and deliver unrestricted access for all.

We are here to support you and to advance the Open Access / Open Research movement

## **WE ARE**

the world's **largest collection** of open access research papers

## **WE ARE**

a **not-for-profit** service dedicated to the open access mission.

## **WE**

**provide solutions** for content management, discovery and scalable machine access to research.

## **WE**

**serve the global network** of repositories and journals by increasing discoverability and reuse of open access content.

# Why is CORE important?

We help your content to be more visible and discoverable and demonstrate more impact.

**Search, Recommender, Discovery, PMC Linkout**

**20M**  
monthly  
users

If a repository is not indexed in CORE, then this is a missed opportunity for exposure.

**Indexed by CORE badge, OAI Resolver**

Automating certain types of processes, relieving them of pain and thus saving money (taking less time)

**Dashboard: Metadata validation and monitoring**

**riox**x

**UKCORR**



UK Research  
and Innovation

**Jisc**

# CORE moving to a membership model

August  
2023

CORE will become an **independent** Open Access service

CORE will **no longer** receive direct funding from Jisc

CORE will be **operated by** The Open University

**Membership**

(data providers)

**Sponsorship**

# CORE Membership

- A network of data providers who are committed to the ongoing success of the **Open Access movement**
- We provide **tools and benefits** for our members
- All CORE data providers are eligible to become CORE Starting Members **free** of charge
- Supporting and Sustaining Members:
  - help shape our development roadmap
  - support and sustain CORE



Lancaster  
University



QUEEN'S  
UNIVERSITY  
BELFAST



University of  
BRISTOL

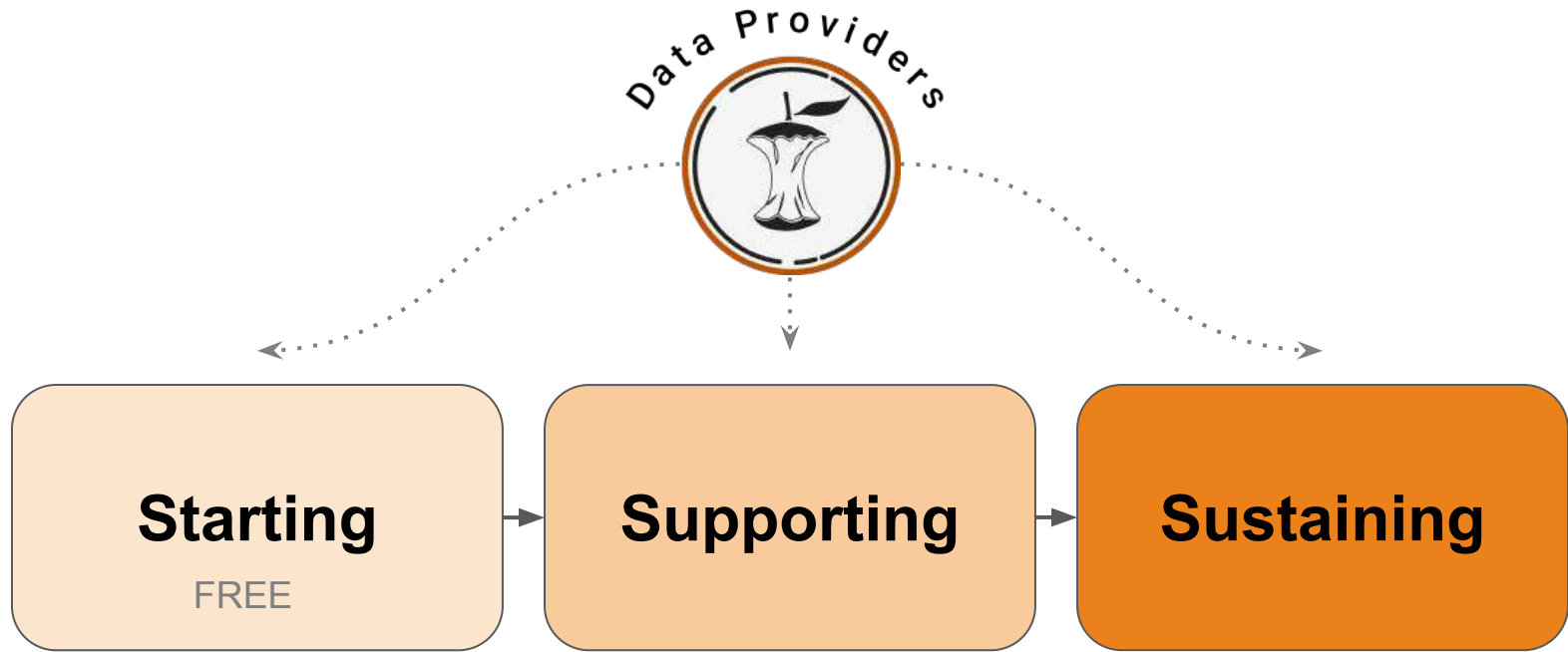


University of  
Kent



UNIVERSITY OF  
BIRMINGHAM

# Three levels of CORE Membership



# Three levels of CORE Membership

- All data providers become **Starting Members** after registering (free)
- All CORE members support a critical part of the **Open Access infrastructure**
- Supporting and Sustaining Members can vote on the **Board of supporters**
- Supporting and Sustaining Members benefit from additional **analytics tools**



# 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



# 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

The Open University, United Kingdom  
Open Research Online  
Sustaining member

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

Search  
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 TrueImpactDataset**  
D. Herrmannova, R. 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**  
С. Иванова · ИТ3Н · 2018 · Computer science  
...Weigert, "Towards Full-Text Based Research Metrics: Exploring **Semantometrics**", Library & Scholarly Futures. JISC (Joint Information Systems Committee). Retrieved Aug. 19, 2016.

United Kingdom  
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  
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

# Content Discovery

STARTING



Search



Recommender



Discovery

The screenshot shows the CORE search results page. The search term is 'semantics'. There are 14,787 research outputs found. The results are sorted by Relevance. The first result is 'Semantics: Towards Full-Text Based Research Evaluation' by B. Horrocks and F. J. Kelly, published in ACM in 2016. A description states: 'Semantics are a new class of research evaluation metrics which build on the premise that full-text is essential to assess the value of a publication.' Other results include 'Semantics: Full-Text Based Measures for Analyzing Research Collaborations' and 'Text and Graph Based Approach for Analyzing Patterns of Research Collaborations: An analysis of the Trademark Dataset'.

The screenshot shows the Apollo Open Content Mining interface. The search term is 'Apollo'. The results show a collection titled 'Open Content Mining'. The paper 'Murray-Rust, F. (2012). Open Content Mining' is displayed. The abstract reads: 'Abstract— We present evidence that content-mining of scholarly articles is now becoming feasible and highly suitable both. However, respective and information technological are needed to legal and computational care from using it and developing the methodologies. We review the problems and propose changes in legal policy which we have already submitted to the UK's high-profile report on intellectual property reform. We put forward the fundamental rights of authors and asked them to manifest: "The right to read is the right to mine", "Users and providers should encourage machine processing, and "Facts don't belong to anyone".' The interface also shows metadata such as authors (Murray-Rust, F.), publication date (2012-09-24), and ISBN (to be assigned).

The screenshot shows the Open University digital object page for the article 'Translating the self: Ariel Dorfman's bilingual journey'. The author is Doughton, Fiona J. (2002). The journal is 'Language and Intercultural Communication', 2(2), pp. 147-152. The page notes that the full text is not available in the repository but was discovered by CORE. The digital object identifier (DOI) is 10.1588/1470847020868083. The journal's ISSN is 1747-793X. The keywords are 'cultural translation, bilingualism, writing and identity'. The article is associated with the Faculty of Arts and Social Sciences (FAS) and the Faculty of Arts and Social Sciences (FAS).

# OAI Identifiers resolved to your repository

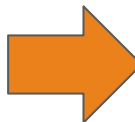
STARTING



## Resolve an OAI identifier

Example: [oai:researchonline.rca.ac.uk:1035](https://researchonline.rca.ac.uk/1035)

RESOLVE



Royal College of Art

Experimental Design: Design Experimentation

Tools

Hall, Ashley, 2011. Journal Article, Experimental Design: Design Experimentation Design Issues, 27 (2). pp. 17-26. ISSN 07479360

Information Documents

**Abstract or Description:** This paper was selected for publication in MIT's Design Issues. The research takes an original approach by positioning experimentation as a comprehensive design methodology, rather than using the traditional industrial design approach of employing experimentation as a problem-solving tool within a standard design model. It is an evolution of design thinking on non-linear design methods first developed by Hall and presented to the 'International Association of Societies of Design Research Conference', Seoul, South Korea (2008), and in a paper entitled 'Innovation design engineering: Non-linear progressive education for diverse intakes' presented at the 'International Conference on Engineering and Product Design Education', University of Brighton, UK, which offered a non-linear pedagogy (Hall and Childs 2009) that uniquely supports a diverse interdisciplinary intake.

Experimental design is well known in the science domain but very little evidence has been recorded of experimentation in industrial design and its position in relation to work in other science and research domains. Connections are made with theories on research methods, an analysis of case studies and comparisons of literature on experimentation from science disciplines, especially that of Kuhn (1962), Galison (1987), Pasteur's quadrant for scientific research in Stokes (1997) and Borgdorff (2007). Hall makes significant claims in exploring and articulating a model of design experimentation that highlights the differences between scientific and design experimentation. This work was original in describing an experimental design model for the increasing activity in early phases of design development by recording and enhancing knowledge in this important area for future design research and practice. The methods researched in the paper were later used in experimental design workshops in Daegu, South Korea (2011) and Busan, South Korea (2012).

**Official URL:** <http://www.mitpressjournals.org/doi/abs/10.1162/DE...>

**Subjects:** Creative Arts and Design > W200 Design studies  
Creative Arts and Design > W200 Design studies > W240 Industrial/Product Design

**School or Centre:** School of Design

**Identification Number or DOI:** [https://doi.org/10.1162/DESI\\_a\\_00074-Hall](https://doi.org/10.1162/DESI_a_00074-Hall)

**Date Deposited:** 27 May 2012 14:26

**Last Modified:** 09 Nov 2018 14:25

**URL:** <https://researchonline.rca.ac.uk/id/eprint/1035>

# OAI Resolver

## STARTING

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

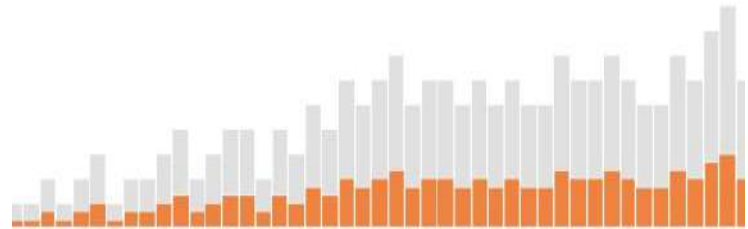
- Why use OAIs for repositories?
  - ◆ Complement, rather than replace DOIs
  - ◆ Link to the data provider rather than to the publisher's website
  - ◆ Cost-free to mint
- Data providers can freely register their OAI prefix with CORE



# CORE Dashboard

## STARTING

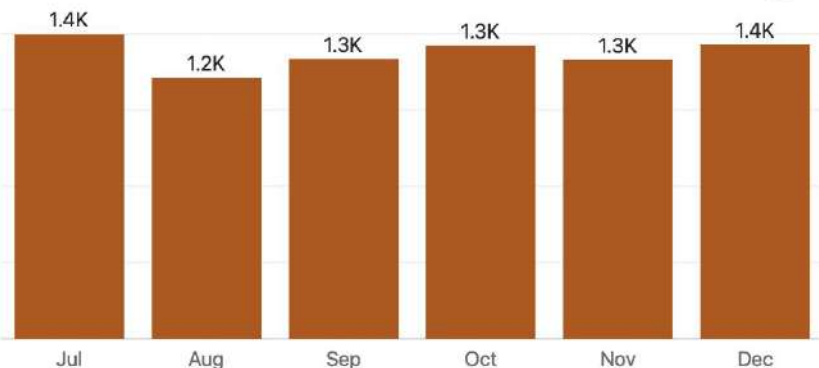
- Offers user download and repository harvesting **statistics**
- Provides **monitoring, issue reporting** and advice to repositories
- Allows updating of metadata records
- Helps **manage access** to documents from your repository in CORE
- Data enrichments (DOIs, ORCIDs, ISSNs)
- 474 unique registered 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

The screenshot displays the CORE Dashboard interface. On the left is a navigation sidebar with menu items: Overview, Harvesting (highlighted), Content, OA compliance, DOI, Plugins, Membership, Settings, and Start tutorial. The main content area is titled 'General information' and includes a circular progress indicator showing 37% completion for 20.26K full texts. Below this, it states 'Harvested with 27,323 issues affecting 36,347 records'. The 'Harvesting issues' section features a filter bar with 'ALL', 'ERRORS', 'WARNINGS', and 'OTHER' tabs. Two issue cards are visible: 'Embargoed full text' with a warning icon and a description about restricted access, and 'Recommendation' with an information icon and a note that no action is needed. A yellow highlight indicates that 8914 records are affected by the embargoed full text issue. Action buttons for 'DOWNLOAD IN CSV' and 'SEE THE LIST' are provided for the recommendation issue.

**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

# Tools and benefits for **SUPPORTING** members

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

- 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



## 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

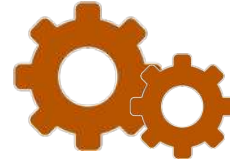
SUPPORTING

### 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 paper

## SUPPORTING

The Open University, United Kingdom  
**Open Research Online**  
Sustaining heritage

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

Search: 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. [Free PDF](#)
- 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**  
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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. Ieavoaia · IJ3H · 2018 · Computer science

**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](#)

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

Bar chart showing the number of full text downloads in August, with a note: "In August, Open Research Online was among 10% most popular repositories in CORE by the full text downloads."

CORE Search

- Semantometrics: Towards Fulltext-based Research Evaluation**  
D. Herrmannova, N. Sheppard +2 · 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. [Free PDF](#)
- Semantometrics: Fulltext-Based Measures for Analysing Research Collaboration**  
D. Herrmannova, J. Wells · International Society for Scientometrics and Informetrics · 2015  
...called **Semantometrics** in relation to the role of "bridges" in scholarly publication networks. [Full text link](#)

Open Research Online and arXiv - e-print archive

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**  
by Russell Wendy K  
Year: 2022
- What is the state of play? The**

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  
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. [Free PDF](#)

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 the text 'search' and a magnifying glass icon. Below the search bar are several filter buttons: 'Field', 'Year', 'Type', 'Author', and 'Language'. To the right of the search bar is a 'Services' dropdown menu. Below the filters, it says '4,994,279 research outputs found'. There are icons for download and share, and a 'Sort By Relevance' dropdown menu. The main content area displays a search result for the paper 'Suppression of Magnetic State Decoherence Using Ultrafast Optical Pulses' by Berman P. R. and Search C., published in the American Physical Society (APS) on 01/03/2000. The abstract text reads: 'It is shown that the magnetic state decoherence produced by collisions in a thermal vapor can be suppressed by the application of a train of ultrafast optical pulses. Comment: 5 pages, 3 figure'. Below the abstract is a 'Get PDF' button. At the bottom of the search result, it says 'arXiv.org e-Print Archive and CERN Document Server'. On the right side of the dashboard, there is a 'Sustaining member' banner for Brunel University London, featuring the university's logo and a photograph of a library.

# Tools and benefits For **SUSTAINING** members

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

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

# 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

# Use of the CORE Dataset for your institution

## SUSTAINING

- The entire CORE corpus of both metadata and full texts 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

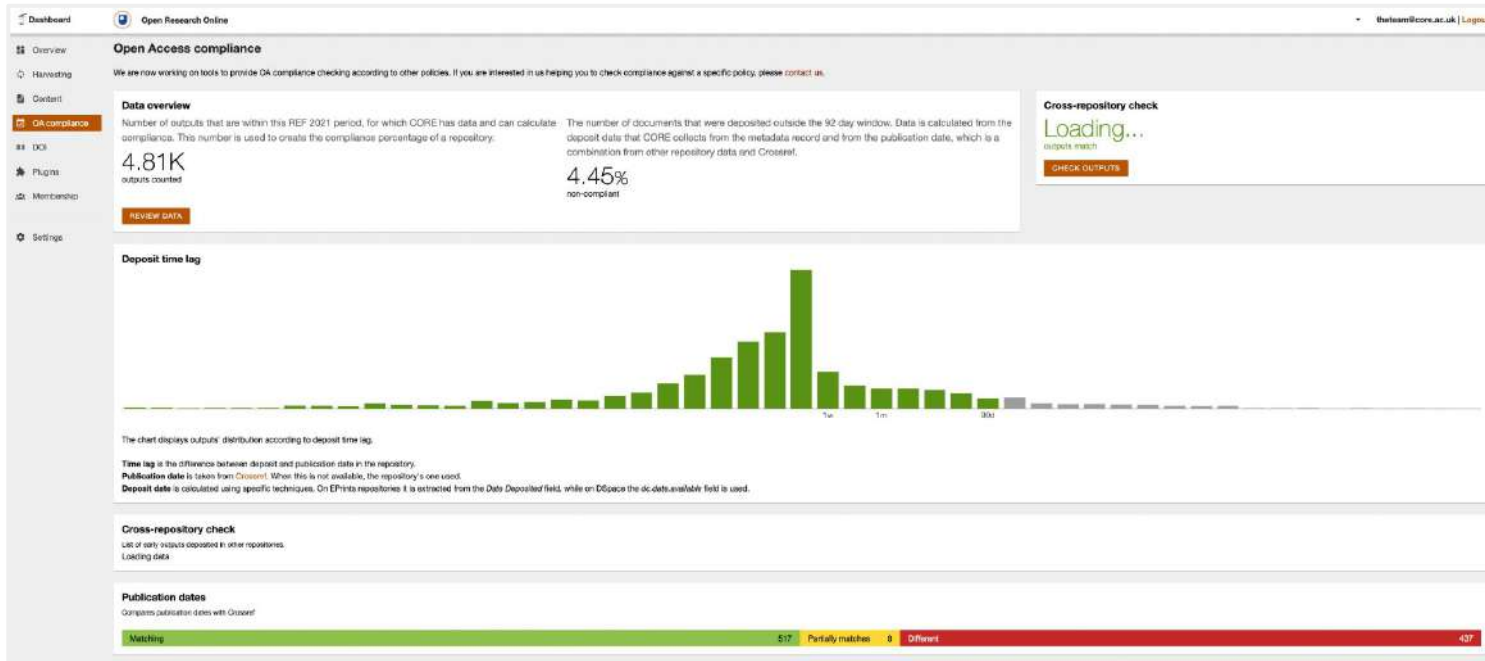
recommender systems

compliance monitoring

drug discovery

# CORE Dashboard: OA compliance

## SUSTAINING





# CORE Dashboard: Cross-repository check

## SUSTAINING

The screenshot shows the CORE Dashboard interface. The top navigation bar includes 'Dashboard', 'City Research Online', and 'Anonymous | Logout'. The left sidebar contains menu items: Overview, Harvesting, Content, OA compliance (highlighted), DOI, Plugins, Membership, and Settings.

The main content area features a 'Deposit time lag' bar chart. The chart displays the distribution of time lags between publication and deposit dates. The x-axis is labeled '90d'. The bars are colored green and grey. A callout box points to the chart with the text: 'Sustaining members can see if there is an earlier version of an article in another repository ...'.

Below the chart, there is a 'Cross-repository check' section. It includes the text: 'List of early outputs deposited in other repositories.' and 'There are 569 non-compliant records in your repository, 41 out of which...'. Below this text are two buttons: 'DOWNLOAD CSV' and 'REGISTER INTEREST'. A callout box points to these buttons with the text: '...and can download a spreadsheet showing deposit dates from multiple repositories'.

# DOI check

SUSTAINING

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

The screenshot displays the 'DOI' section of a repository's management interface. On the left is a navigation menu with options: Harvesting, Content, OA compliance, DOI (selected), Plugins, Membership, Settings, and Start tutorial. The main content area is titled 'Coverage' and provides the following information:

- Coverage:** Number of outputs with a DOI within the repository collection: 13,65K outputs with DOIs.
- Percentage:** Percentage of outputs with a DOI within the repository collection: 65.05% of records covered.
- Discovery:** CORE has discovered more DOIs which are not listed in the repository: 406 more available.

A progress bar shows the 65.05% coverage. Below it, a message states: 'We have found 406 more DOIs that can be added to your repository. Review and download them below.'

The 'Browse DOI records' section includes a search bar and a table of records:

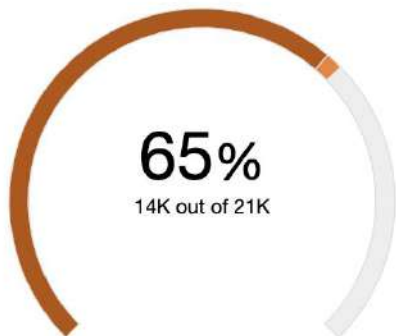
DOI	Title	Authors
10.1080/17512780802054538	A clash of cultures: The integration of user-generated content within professional jo...	Hermida, A. Thurman, N.
10.1177/1464884910388228	Making 'The Daily Me': Technology, economics and habit in the mainstream assimil...	Thurman, N.
10.1080/14616700902812959	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.

At the bottom of the table, there is a 'DOWNLOAD CSV' button and a pagination indicator: 'Showing 1-5 records' with a 'SHOW MORE' button.

# Dashboard: enrichment tools

SUSTAINING

## DOI coverage

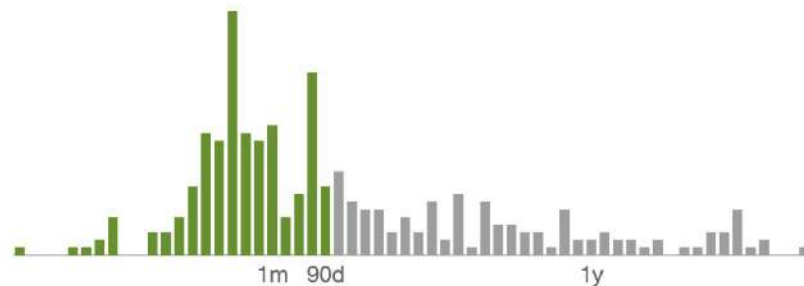


We can enrich your DOI coverage by **2.97%**. Download your CSV below.

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

DETAILS

## OA compliance (REF)



38.63% of outputs are non-compliant.

DETAILS

# 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

# Let us help you promote your mission-aligned activities

## SUSTAINING

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

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**Joining CORE benefits your institution**

**Join CORE to demonstrate you support Open Research**



**Thank you!**

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

For more information, contact:

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