

The past, present, and future of OpenAlex

22 April 2026. Nordic Bibliometric Infrastructure Spring Meeting.

Kyle Demes, COO | OpenAlex

Overview

- **How we started**
- **OpenAlex today**
- **Recent developments**
- **Coming soon**
- **Q&A**

How we got started.

OurResearch (a.k.a ImpactStory since 2012)

Heather
Piowar
co-founder



Jason
Priem
co-founder



Open Science solutions, e.g.,



unpaywall

- looks for OA versions in 50,000 content hosting locations
- exposes repository content directly in researchers' browsers
- enabled analyzing and tracking OA publishing trends

Journals & Books ? Help 🔍 Search 👤 My account 📖 Sign in

 View PDF Download full issue

 **Journal of Experimental Marine Biology and Ecology**
Volume 492, July 2017, Pages 81-98

Monograph

The role of kelp species as biogenic habitat formers in coastal marine ecosystems

Harry Teagle ^a, Stephen J. Hawkins ^{a,b}, Pippa J. Moore ^{c,d}, Dan A. Smale ^{a,e,f}

Show more ▾

+ Add to Mendeley 🔄 Share 📄 Cite

<https://doi.org/10.1016/j.jembe.2017.01.017> Get rights and content ➤

Full text access

Abstract

Kelps are ecologically important primary producers and ecosystem engineers, and play a central role in structuring nearshore temperate habitats. They play an important role in nutrient cycling, energy capture and transfer, and provide biogenic coastal defence.

Part of special issue

Ecological responses to environmental change in marine systems


Edited by Antony M. Knights, Louise B. Firth, Bayden D. Russell

 Download full issue

Other articles from this issue

Effects of ocean sprawl on ecological connectivity: impacts and solutions

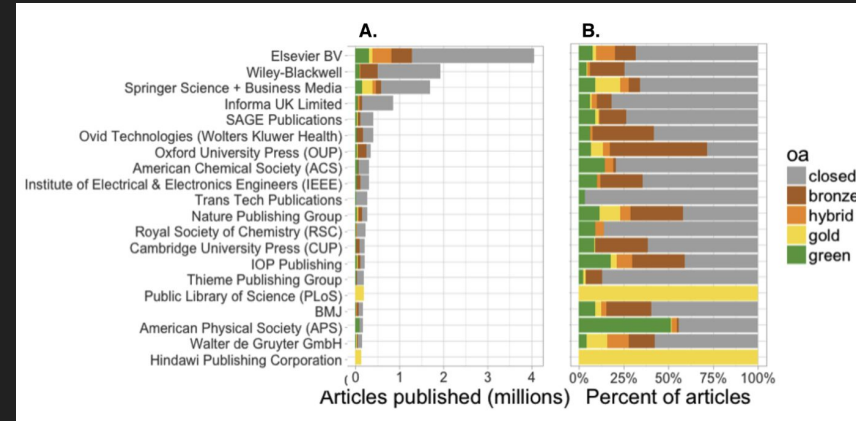
July 2017
Melanie J. Bishop, ..., Katherine A. Dafforn

 View PDF

Identifying the consequences of ocean sprawl for sedimentary habitats

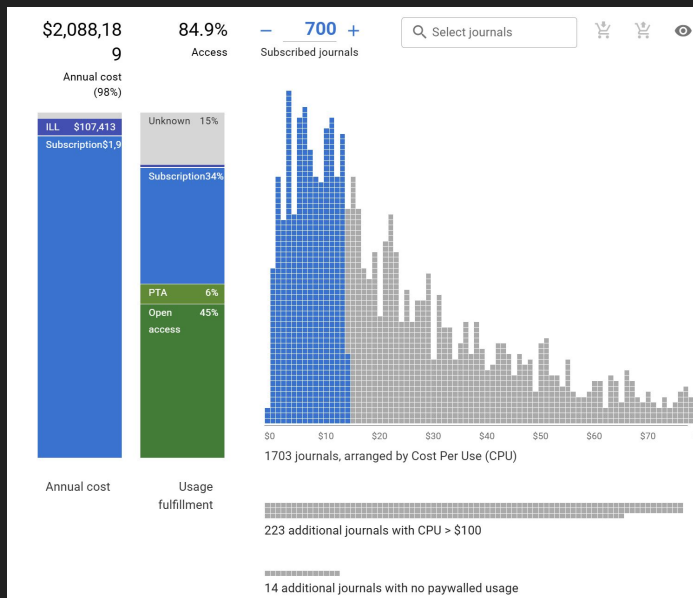
July 2017
Eliza C. Heery, ..., Katherine A. Dafforn

 FEEDBACK



unsub helps libraries make informed decisions by modeling cost-per-use with:

- subscription list prices
- usage data (access, authorships, citations, back file, OA)



| Annual Usage | | | Annual Cost | |
|--------------|------------|-----------------------|-------------|--------------------------------------|
| + | 304 | Downloads @ 1x | + | \$4,060 Base subscription cost |
| + | 6 | Citations @ 10x | - | \$159 ILL cost |
| + | 0 | Authorships @ 100x | = | \$3,901 Net subscription cost |
| = | 361 | Weighted overall uses | | |
| - | 138 | Open Access (38%) | ÷ | 223 Paywalled uses |
| - | 0 | Backfile (0%) | = | \$17.49 Cost Per Use |
| = | 223 | Paywalled uses | | |

But Unsub relied on data from Microsoft Academic Graph

- When MAG was sunset at the end of 2021, we started OpenAlex so that we wouldn't lose Unsub

FAQ on Microsoft Academic

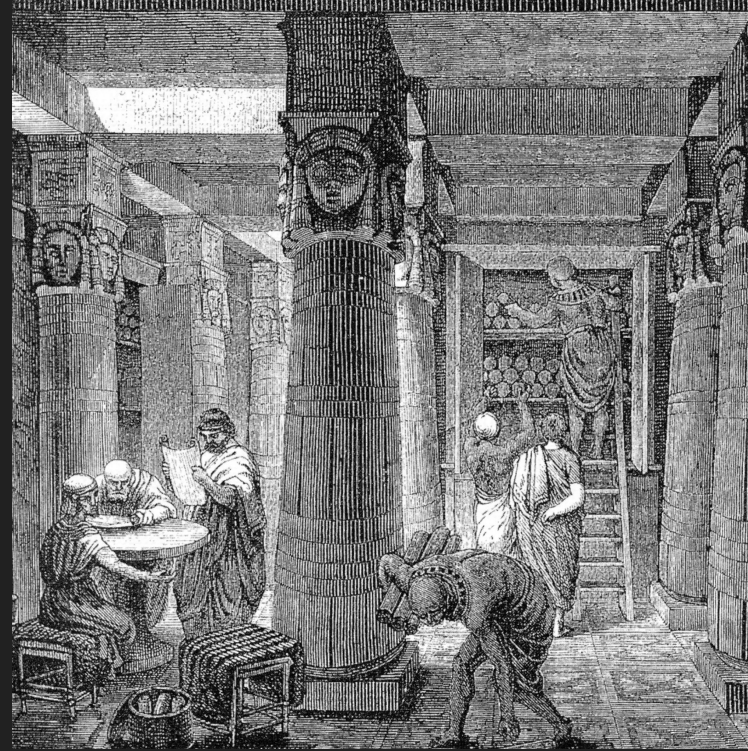
Q: What is happening to Microsoft Academic Services (MAS)?

A: Microsoft Research set out to demonstrate AI-curated knowledge can effectively assist people in making serendipitous discoveries and deriving valuable insights. After seven years of developing the machine reading technology and working with the research community, we have chosen to embrace a community-driven approach within academia and now turn our focus to exploring ways we can extend this technology to even more people and organizations. This AI research project will be supported until the end of calendar year 2021, upon which time MAS will be retired.

What this means for each service:

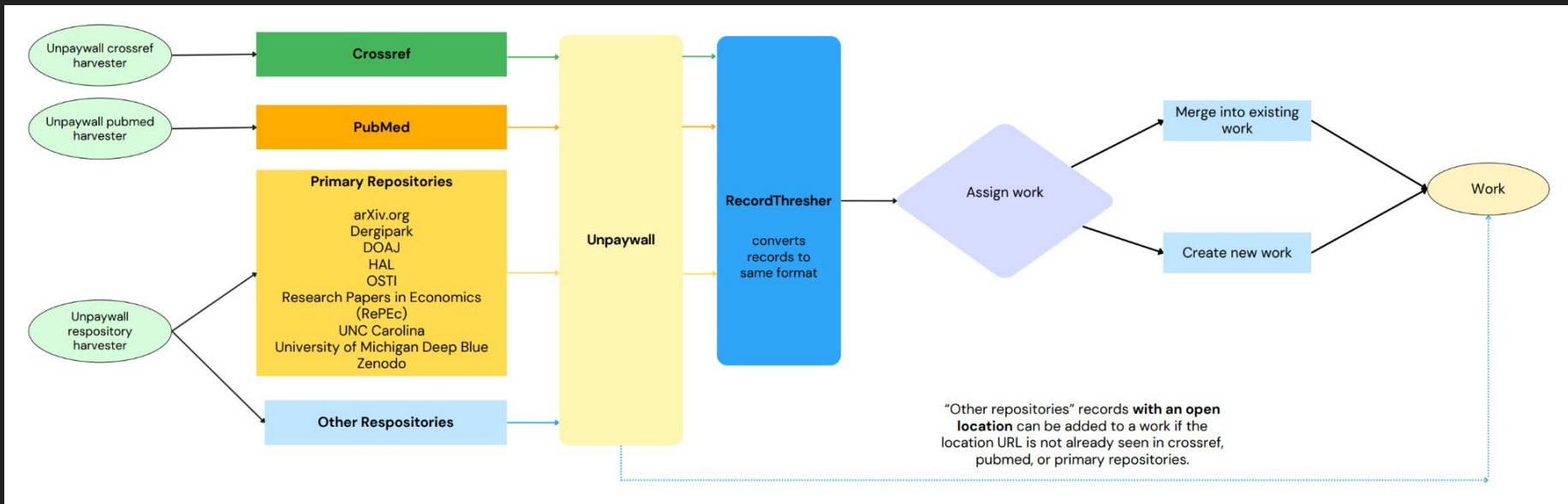
- Microsoft Academic Website: No longer accessible after Dec. 31, 2021
- Project Academic Knowledge: No longer accessible after Dec. 31, 2021
- Microsoft Academic Graph/Microsoft Academic Knowledge Exploration Service: No longer providing updated data or access to old releases after Dec. 31, 2021; however, existing copies can still be used under license.

Inspired by the ancient Library of Alexandria



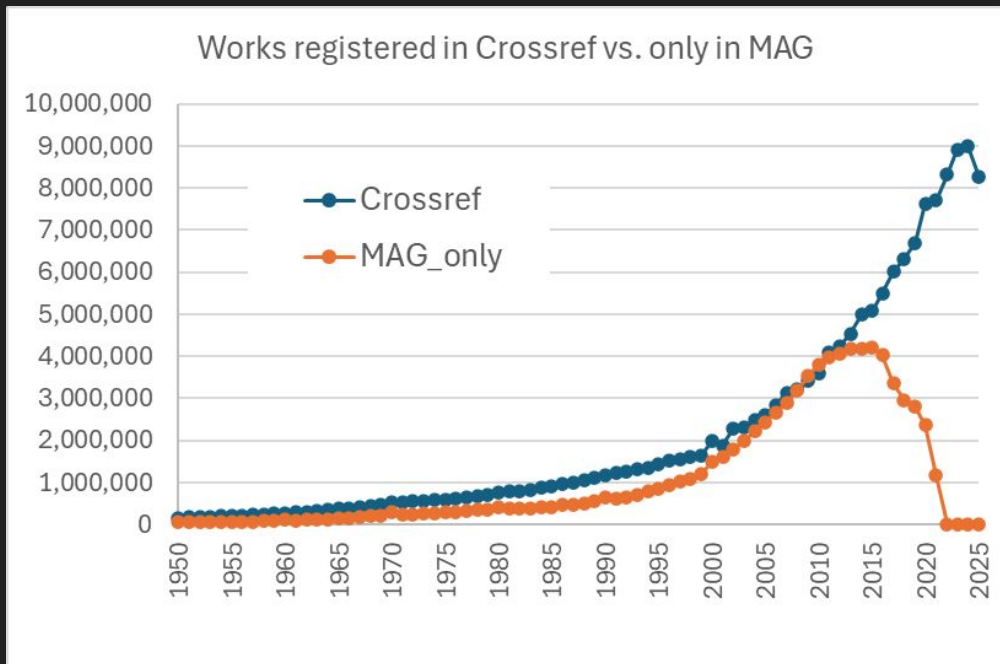
OpenAlex began by building off Unpaywall:

- MAG and Crossref were most important sources
- Some major repositories were supplemental, all other repositories only used for matching to green OA versions



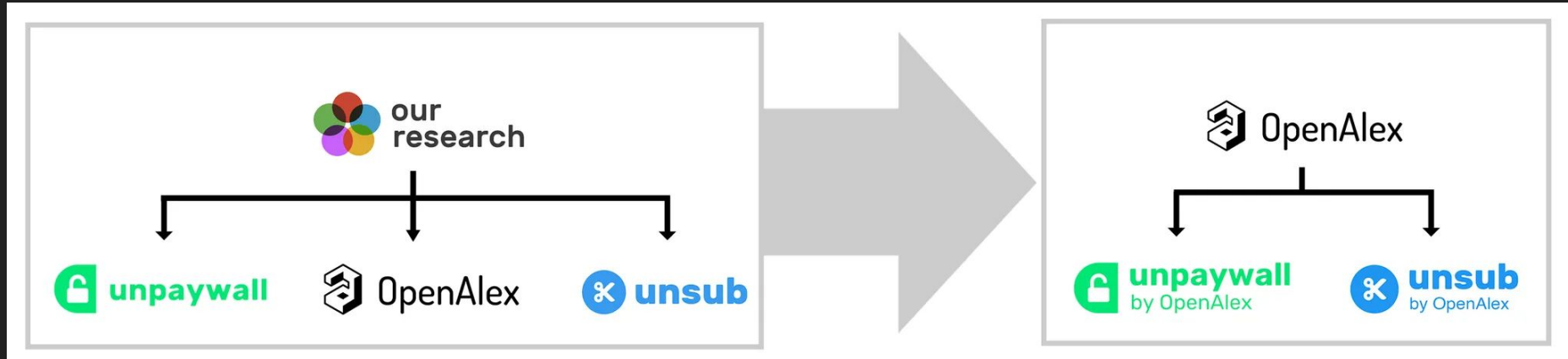
Crossref was a great place to start!

- Adding more works and sources each year
- Content unique to MAG was plummeting since 2015



Soon, it was clear OpenAlex was *the* mission

- Unpaywall now a sub-routine of OpenAlex
- Unsub serves OpenAlex data through a dashboard designed for a specific use case



OpenAlex today.

Research information: organized and open

Sources [281k]



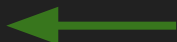
Publishers [11k]



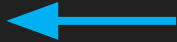
Institutions [123k]



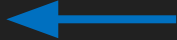
Works [500M]



Funders [46k]



Authors [119M]



Topics [4.5k]



Sudden collapse of a mesopredator reveals its complementary role in mediating rocky reef regime shifts

Work (Article)

[HTML](#)

Published: 2018

Source: [Proceedings of The Royal Society B: Biological Sciences](#)

Authors: [Jenn M. Burt \(Simon Fraser University\)](#); [M. Tim Tinker \(University of California, Santa Cruz\)](#); [Daniel K. Okamoto \(Florida State University, Simon Fraser University\)](#); [Kyle W. Demes \(University of British Columbia, Simon Fraser University\)](#); [Keith Holmes \(Tula Foundation\)](#); [Anne K. Salomon \(Simon Fraser University\)](#)

Concepts: [Trophic cascade](#), [Mesopredator release hypothesis](#), [Reef](#)

Cited by: 76

Cites: 55

Related: 10

Abstract

While changes in the abundance of keystone predators can have cascading effects resulting in regime shifts, the role of mesopredators in these processes remains underexplored. We conducted annual surveys of rocky reef communities that varied in the recovery of a keystone predator (sea otter, *Enhydra lutris*) and the mass mortality of a mesopredator (sunflower sea star, *Pycnopodia helianthoides*) due to an infectious wasting disease. By fitting a population model to empirical data, we show that sea otters had the greatest impact on the mortality of large sea urchins, but that *Pycnopodia* decline corresponded to a 311% increase in medium urchins and a 30% decline in kelp densities. Our results reveal that predator complementarity in size-selective prey consumption strengthens top-down control on urchins, affecting the resilience of alternative reef states by reinforcing the resilience of kelp forests and eroding the resilience of urchin barrens. We reveal previously underappreciated species interactions within a 'classic' trophic cascade and regime shift, highlighting the critical role of middle-level predators in mediating rocky reef state transitions.

Funders (4)

Locations (3)

Identifiers (4)

OpenAlex broader than legacy SKGs

Culbert, J., et al. 2024.

<http://arxiv.org/abs/2401.16359>

Alperin, J.P., et al. 2024.

<https://arxiv.org/pdf/2404.17663>

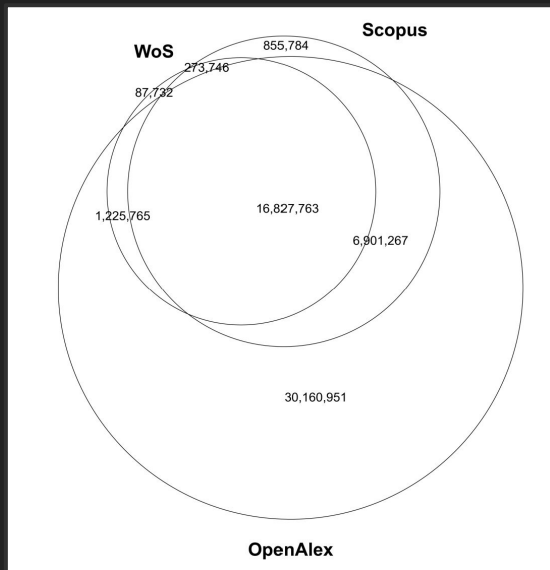
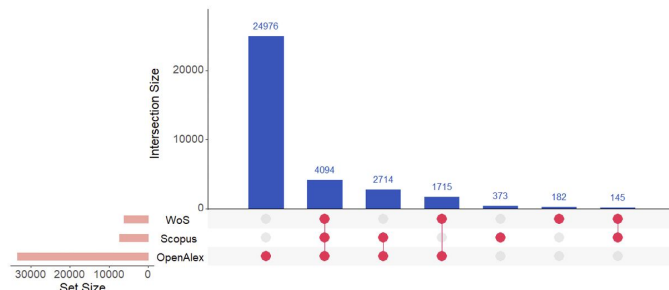
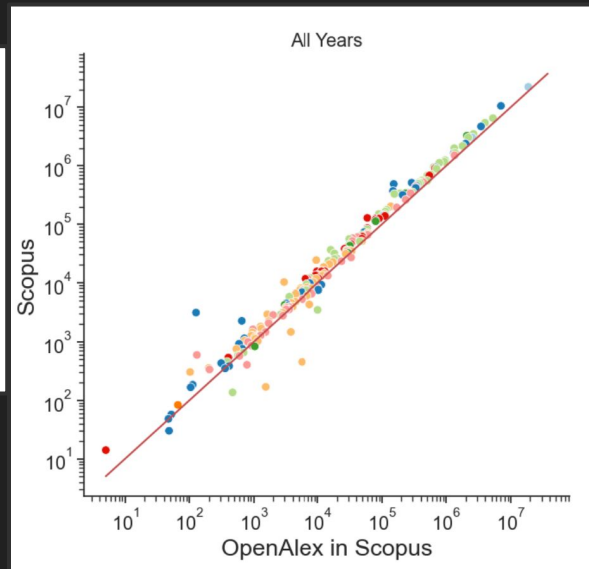


Figure 1: Comparison of coverage of OA journals in Web of Science, Scopus, and OpenAlex



Maddi et al. 2024.

<https://doi.org/10.31235/osf.io/8wa4q>



OpenAlex dataset

graph json metadata scholarly communication

Description

An open, comprehensive index of scholarly papers, citations, authors, institutions, and journals.

Update Frequency

Approximately monthly

License

CC0

Documentation

<https://docs.openalex.org>

Managed By

[OurResearch](#)

See all datasets managed by [OurResearch](#).

Contact


team@ourresearch.org

How to Cite

OpenAlex dataset was accessed on DATE from <https://registry.opendata.aws/openalex>.

Usage Examples

Tutorials

- [AWS](#) Data Analysis and Knowledge Graph with OpenAlex dataset by Gabriel Bella Martini
 Open Studio Lab
[Amazon SageMaker Studio Lab](#)
- Download snapshot by OurResearch
- Getting citation data from OpenAlex by DOI (Jupyter notebook) by Jens Peter Anderson

Publications

- OpenAlex: A fully-open index of scholarly works, authors, venues, institutions, and concepts by Jason Priem, Heather Piwowar, Richard Orr

Resources on AWS

Description

OpenAlex Entities in JSON Lines format

Resource type

S3 Bucket

Amazon Resource Name (ARN)

`arn:aws:s3:::openalex`

AWS Region

`us-east-1`

AWS CLI Access (No AWS account required)

```
aws s3 ls --no-sign-request s3://openalex/
```

Explore

[Browse Bucket](#)

Description

Openalex Entities decomposed to tab-separated columnar files for backward compatibility with Microsoft Academic Graph

Resource type

S3 Bucket

Amazon Resource Name (ARN)

`arn:aws:s3:::openalex-mag-format`

AWS Region

`us-east-1`

AWS CLI Access (No AWS account required)

```
aws s3 ls --no-sign-request s3://openalex-mag-format/
```


Explore

[Browse Bucket](#)

Open data



Open code





OurResearch


We build tools to make scholarly research more open, connected, and reusable—for everyone. Logo CC0.


344 followers <https://ourresearch.org> [@ourresearch_org](https://ourresearch.org) team@ourresearch.org


Pinned


**unpaywall-extension** (Public)
Firefox/Chrome extension that gives you a link to a free PDF when you view scholarly articles
JavaScript 406 50

**oadoi** (Public)
The backend code that powers Unpaywall. support@unpaywall.org
Python 339 35

**depsy** (Public)
Track the impact of research software.
Python 202 11

**impactstory-tng** (Public)
Impactstory: the next generation
Python 80 14


**paperbuzz-api** (Public)
wrapper for the crossref events api
Python 21 1


**citeas-api** (Public)
Get the scholarly citation for any research product: software, preprint, paper, or dataset
Python 81 6


Repositories


Find a repository...


Type - Language - Sort - New

**unpaywall-website** (Public)
Website for Unpaywall Data
Vue 1 6 2 34 Updated 18 hours ago

**oadoi** (Public)
The backend code that powers Unpaywall. support@unpaywall.org
Python 339 MIT 35 2 11 Updated yesterday

**openalex-docs** (Public)
The GitBook documentation site for OpenAlex
Jupyter Notebook 20 18 5 8 Updated 5 days ago

**openalex-corrections-api** (Public)
API endpoints for correction reports to OpenAlex data.
Python 0 0 0 1 0 Updated 2 weeks ago

**openalex-guts** (Public)
The guts for computing data for OpenAlex. For more, see <https://openalex.org/>
Python 137 45 MIT 12 0 1 Updated 2 weeks ago

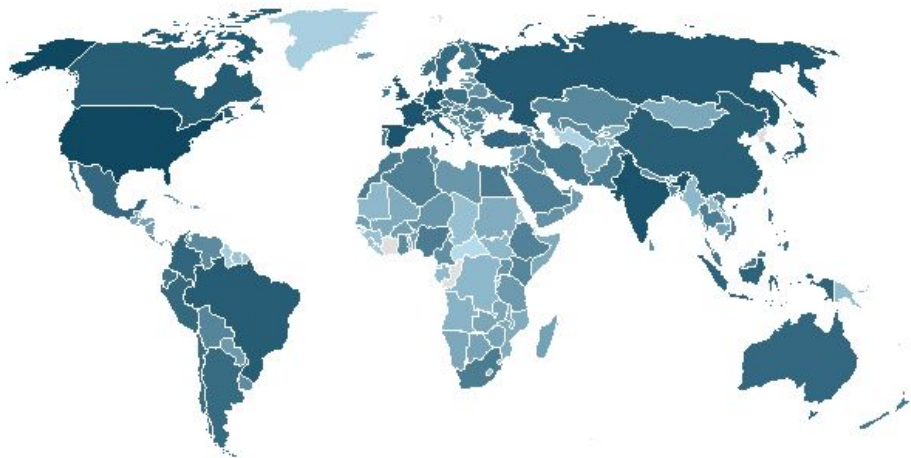
| Search archived software | | |
|--------------------------|---|------------------|
| Features | | |
| Search | <input checked="" type="checkbox"/> only show origins visited at least once | view type any |
| Downloads | <input checked="" type="checkbox"/> filter out origins with no archived content | |
| Save code now | <input type="checkbox"/> search in metadata (instead of URLs) | |
| Add forge now | | |
| Help | | |
| Origin type | Origin url | Archiving status |
| git | https://github.com/ourresearch/unsub-ids | ✓ Archived |
| git | https://github.com/CompESolution/ourresearch_citeas-api | ✓ Archived |
| git | https://github.com/ourresearch/jaricpage | ✓ Archived |
| git | https://github.com/BusCowry/https-github-com-oursearch-get-unsub | ✓ Archived |
| git | https://github.com/ourresearch/oadoi-paper | ✓ Archived |
| git | https://github.com/ourresearch/oadoi-website | ✓ Archived |
| git | https://github.com/ourresearch/unpaywall-export | ✓ Archived |
| git | https://github.com/oursearch/total-impact-deploy | ✓ Archived |
| git | https://github.com/ourresearch/impactstory-tng | ✓ Archived |
| git | https://github.com/oursearch/openalex-schema-test | ✓ Archived |
| git | https://github.com/oursearch/unpaywall-journals-redirector | ✓ Archived |
| git | https://github.com/oursearch/research-level-almetrics | ✓ Archived |
| git | https://github.com/oursearch/openalex-schema-test | ✓ Archived |
| git | https://github.com/ourresearch/iplan-journal-checker | ✓ Archived |
| git | https://github.com/oursearch/journaldb | ✓ Archived |
| git | https://github.com/oursearch/jump-cloudflare | ✓ Archived |
| git | https://github.com/oursearch/igt-webapp | ✓ Archived |
| git | https://github.com/ourresearch/app-starter | ✓ Archived |
| git | https://github.com/oursearch/biomed | ✓ Archived |
| git | https://github.com/oursearch/api-starter-kit | ✓ Archived |
| git | https://github.com/oursearch/our-research-redirector | ✓ Archived |
| git | https://github.com/oursearch/citation-parser | ✓ Archived |
| git | https://github.com/oursearch/unpaywall-website | ✓ Archived |
| git | https://github.com/oursearch/citeas-api | ✓ Archived |
| git | https://github.com/oursearch/openalex-api | ✓ Archived |
| git | https://github.com/oursearch/oadoi | ✓ Archived |
| git | https://github.com/oursearch/paperbuzz-api | ✓ Archived |
| git | https://github.com/oursearch/igt-unsub | ✓ Archived |
| git | https://github.com/oursearch/openalex-gui | ✓ Archived |

New system, *Walden*:

- Modern Databricks environment
- Easier to add more sources
- Easier to fix bugs
- Faster propagation of changes (hours, not weeks)
- Modular, making it easy to ship improvements to components of graph
- Supports robust curation
- Repositories mint new works
- AI-legible

Users

OpenAlex visitors (0-116k, in USA)



1.5B+

API calls/month

3.5M+

UI page views/month

650+

citations

28,000+

mentions

Recent developments

grants in OpenAlex

- now, a first class entity (awards)
- ingesting directly from funders
- linking fulltext to funders and grants

Critique des données nécessaires pour la simulation numérique d'une nappe souterraine. Application à la nappe de l'Arve

CHF 385k · Schweizerischer Nationalfonds zur Förderung der Wissenschaftlichen Forschung · 1977-1981

Atlas Project Coordination

Science and Technology Facilities Council · 2010-2030

International Planned Parenthood Worldwide, Inc. - to strengthen family planning and education services and develop Gates Youth Centers for young people in nine South African communities

\$2.8M · Bill and Melinda Gates Foundation · 1999-2003

Messung der positiven und negativen Ionenzusammensetzung in der Stratosphäre mit einem Doppelmas- senspektrometer.

CHF 13k · Schweizerischer Nationalfonds zur Förderung der Wissenschaftlichen Forschung · 1987-1988

労働市場の理論的, 実証的研究 -高度成長と労働力需給関係の再編-

¥720k · Japan Society for the Promotion of Science · 1965

県民性と地域性の研究(継2年)

¥610k · Japan Society for the Promotion of Science · 1966

Institute for Health Policy Analysis, Inc. - to support the second phase of a program to control tuberculosis in the areas of Ekaterinburg, Kazan, and Khabarovsk in Russia

\$2.1M · Bill and Melinda Gates Foundation · 1999-2002

Mining acknowledgement sections

Acknowledgements

We are indebted to Laura Anderson, William Iles, Jennifer Jorve, Rebecca Martone and Jocelyn Nelson for help with field work, Matthew George for help with mechanical testing set-up, and Mary O'Connor and Rob DeWreede for thoughtful discussion throughout the course of this study. This work was funded by a Stephen and Ruth Wainwright fellowship to Kyle Demes and National Science Foundation Grants OCE-0752523 and EF-1041213. Authorization to work in the Botanical Beach protected area was provided by the Canadian Ministry of the Environment (permit number 104149).

- ~60M pdfs, growing
- GROBID export

vector embeddings

- semantic search returns most closely related works [beta]

The screenshot shows a web interface for semantic search. At the top, there is a search bar containing the text "kelp biomechanics ecology and evolution". Below the search bar, there are tabs for "works", "semantic", and "xpac", with "semantic" currently selected. A button labeled "No filters applied" is visible. Below this, there is a section titled "50 most semantically similar works" with a sort icon. The results are listed as follows:

- [Maintenance of Dynamic Strain Similarity and Environmental Stress Factor in Different Flow Habitats: Thallus Allometry and Material Properties of a Giant Kelp](#)
1994 · A. S. Johnson, M. A. R. Koehl · *Journal of Experimental Biology* · 138
- [The mechanics of wave-swept algae](#)
2002 · Mark Denny, Brian Gaylord · *Journal of Experimental Biology* · 196
- [How kelp produce blade shapes suited to different flow regimes: A new wrinkle](#) PDF
2008 · M. A. R. Koehl, W. K. Silk, et al. · *Integrative and Comparative Biology* · 152
- [Interactive roles of mesograzers and current flow in survival of kelps](#) PDF
2001 · D Duggins, JE Eckman, et al. · *Marine Ecology Progress Series* · 111

advanced search features

- no longer a filter
- advanced features enabled

What gets searched

Each entity type searches different fields:

| Entity | Searchable fields |
|-----------------|--|
| Works | title , abstract , fulltext |
| Authors | display_name , display_name_alternatives |
| Sources | display_name , alternate_titles , abbreviated_title |
| Institutions | display_name , display_name_alternatives , display_name_acronyms |
| Topics/Keywords | display_name , description |

What gets searched

Text processing

Exact (unstemmed) search

Boolean search

Phrase and proximity search

Phrase matching

Proximity search

Wildcards and fuzzy search

Wildcards

Fuzzy search

Relevance score

Semantic search (beta)

Keyword vs. semantic search

content endpoints

- .pdf and .xml content now downloadable via api directly
 - https://content.openalex.org/works/w2122279265.grobid-xml?api_key=YOURKEYHERE

This XML file does not appear to have any style information associated with it. The document tree is shown below.

```
<?xml version="1.0" encoding="UTF-8" ?>
<html>
  <body>
    <tei xmlns="http://www.tei-c.org/ns/1.0" xmlns:xlink="http://www.w3.org/1999/xlink" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xml:space="preserve"
      xsi:schemaLocation="http://www.tei-c.org/ns/1.0 https://raw.githubusercontent.com/kermitt2/grobid/master/grobid-home/schemas/xsd/Grobid.xsd">
      <teiheader xml:lang="en">
        <filedesc>
          <titlestmt>
            <title level="a" type="main">Survival of the weakest: increased frond mechanical strength in a wave-swept kelp inhibits self-pruning and increases whole-plant mortality</title>
            <funder ref="#_CdVFEty">
              <orgname type="full">Canadian Ministry of the Environment</orgname>
            </funder>
            <funder ref="#_Pr4Wbuk">
              <orgname type="full">National Science Foundation</orgname>
            </funder>
            <funder ref="#_kCTDU4A">
              <orgname type="full">Kyle Demes</orgname>
            </funder>
            <funder ref="#_DsMhsTX">
              <orgname type="full">unknown</orgname>
            </funder>
          </titlestmt>
          <publicationstmt>
            <publisher/>
            <availability status="unknown">
              <licence/>
            </availability>
          </publicationstmt>
          <sourcedesc>
            <biblstruct>
              <analytic>
                <author role="corresp">
                  <persname>
                    <forename type="first">Kyle</forename>
                    <forename type="middle">W</forename>
                    <surname>Demes</surname>
                  </persname>
                  <email>demes@zoology.ubc.ca</email>
                </author>
                <affiliation key="aff0">
                  <note type="raw_affiliation">Department of Zoology, University of British Columbia, 6270 University Blvd., Vancouver, British Columbia, Canada;</note>
                  <orgname type="department">Department of Zoology</orgname>
                  <orgname type="institution">University of British Columbia</orgname>
                </affiliation>
                <address>
                  <addrline>6270 University Blvd</addrline>
                </address>
              </analytic>
            </biblstruct>
          </sourcedesc>
        </filedesc>
      </teiheader>
    </body>
  </html>
```


affiliation string curation

- expose RAS → ROR table
- edit linkages (add/remove)

Affiliation Linking

Search and manage affiliation strings for any institution.

1 affiliation selected Match Unmatch Export CSV

| | Affiliation statement | Works count |
|-------------------------------------|--|-------------|
| <input type="checkbox"/> | SFU.ca - Simon Fraser University = Université Simon Fraser (8888 University Drive, Burnaby, B.C. Canada V5A 1S6 - Canada) | 104 |
| <input type="checkbox"/> | Department of Chemistry, Simon Fraser University, 8888 University Drive, Burnaby, BC V5A 1S6, Canada | 75 |
| <input type="checkbox"/> | Department of Chemistry, Simon Fraser University, 8888 University Drive, Burnaby, British Columbia V5A 1S6, Canada | 67 |
| <input checked="" type="checkbox"/> | Department of Biological Sciences, Simon Fraser University, 8888 University Drive, Burnaby, British Columbia, V5A 1S6, Canada sba48@sfu.ca; https://orcid.org/0000-0002-4397-2497 & Museum of Comparative Zoology, 26 Oxford Street, Cambridge, Massachusetts, 02138, United States of America & Royal British Columbia Museum, 675 Belleville Street, Victoria, British Columbia, V8W 9W2, Canada | 56 |

Coming soon

repository harvesting

- streamlined pipeline in new *Walden* system
- dashboard to facilitate review and update harvesting

Repositories /

UvA-DARE (University of Amsterdam)

University of Amsterdam
[View in OpenAlex](#)

Coverage

| | |
|-----------------------|------------|
| Works in OpenAlex | 326,340 |
| PMH records harvested | 292,369 |
| With DOI match | 32,658 |
| Without DOI | 259,711 |
| Last record date | 2026-02-24 |

[Browse all works from this repository](#) →

Endpoint Health

OAI-PMH endpoint: <http://pure.uva.nl/ws/oai>
OAI-PMH endpoint: <http://dare.uva.nl/cgi/arno/oai/aup>

- ✔ **Identify:** Responding
- ✔ **ListRecords:** Responding

Repository name: UvA-DARE

[Re-check](#)

Something wrong? [Contact us](#)

Author profile improvements

- better name parsing
- splitting over-merged profiles
- lumping under-merged profiles
- trusting orcid linkages more
- raw_orcid field
- author profile curation

Author profile improvements

- author profile curation

The screenshot shows the OpenAlex author profile for Kyle W. Demes. The profile includes alternate names, past institutions, ORCID, H-index, I10-index, works count, and citations count. A modal titled "Add works to your profile" is open, showing a list of publications from a CV. The modal has tabs for "Search OpenAlex" and "Upload CV". The "Upload CV" tab is active, showing a list of publications with a table of 1 work selected. The table has columns for "Add (1)", "Already matched (22)", and "Not found (3)". The selected work is "Summary of baseline kelp forest surveys within and adjacent to Gwaii Haanas National Park Reserve, National Marine Conservation Area Reserve and Haida Heritage Site, Haida Gwaii, British Columbia, Canada". The modal also includes a "Show all authors" link and a "Contact support" link.

Full name: Demes, Kyle W. W.

Author

View works RPI

Alternate names: Demes, Kyle W. +1 more

Past institutions: University of South Florida, Tulane University

ORCID: orcid.org

H-index: 15

I10-index: 19

Works count: 29

Citations count: 1,713

Works (29)

Assessing the impact of a marine conservation program spanning four decades

2024 · Deborah M. Bush · 15

An analysis of the impact of marine conservation on the coastal environment

2024 · Juan Pablo Alvarado · 15

Introducing the Leiden Ranking Open Edition

2024 · Ludo Waltman · 15

Summary of baseline kelp forest surveys within and adjacent to Gwaii Haanas National Park Reserve, National Marine Conservation Area Reserve and Haida Heritage Site, Haida Gwaii, British Columbia, Canada

2014 · eCite Digital Repository (University of Tasmania)

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KW Demes

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Bringing software to OpenAlex

← ↻ 🔍 https://openalex.org/works?page=1&filter=type:types/other,is_xpac:true,primary_location.source.id:s4306400562&group_by=publication_year,authorships.institutions.line... ☆ ⚙️ 👤 ...

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- 2 and Work is ▾ New in Data Version 2 (xpac) X
- 3 and Source is ▾ Zenodo (CERN European Organization for Nuclear Research) X + X

+ 🗑️

Works ⌵ ⌵ ⌵

pandas-dev/pandas: Pandas
2019 · The pandas development team · Zenodo (CERN European Organization for Nuclear Research)
Cited by 465


ultralytics/yolov5: v7.0 - YOLOv5 SOTA Realtime Instance Segmentation
2020 · Jocher, Glenn, Ayush Chaurasia, et al. · Zenodo (CERN European Organization for Nuclear Research)
Cited by 266

LAMMPS: Large-scale Atomic/Molecular Massively Parallel Simulator
2022 · Plimpton, Steven J., Kohlmeyer, Axel, et al. · Zenodo (CERN European Organization for Nuclear Research)
Cited by 220

TWOSEX-MSChart: A computer program for the age-stage, two-sex life table analysis
2025 · Chi, Hsin · Zenodo (CERN European Organization for Nuclear Research)
Cited by 206

Stats + ⌵

5,146,000 results

 More...

Type ⌵ X

- ☒ other 5,146,000

Institution ⌵ X

- ☐ Friedrich Schiller University Jena 60,140
- ☐ Centre National de la Recherche Scientifique 50,670
- ☐ Leibniz Association 33,970
- ☐ Chinese Academy of Sciences 33,030
- ☐ Russian Academy of Sciences 30,230

More...

Source ⌵ X

- ☒ Zenodo (CERN European Organization for Nuclear Research) 5,146,000

Paper → software connections

The screenshot shows the OpenAlex 'Works' page for the search term 'imageJ'. The page header includes the OpenAlex logo, a search bar with 'imageJ' entered, and navigation links for 'Works', 'Analytics', and user settings. Below the header, there's a section for 'Unsaved search' and a 'Show works where:' dropdown. The main content area is divided into two columns. The left column, titled 'Works', lists three papers: 'NIH Image to ImageJ: 25 years of image analysis' (2012, Cited by 58,330), 'Image processing with ImageJ' (2004, Cited by 12,070), and 'ImageJ2: ImageJ for the next generation of scientific image data' (2017, Cited by 5,602). The right column, titled 'Stats', shows '487,900 results' and a bar chart of results by year. It also features an 'Open Access' badge showing '76.5%' (373,500) and filters for 'Institution' and 'Subfield'.

```
https://api.openalex.org/funder-search?search=imagej
Pretty-print ☒
{
  "id": "https://openalex.org/W1956454990",
  "doi": "https://doi.org/10.21083/surg.v11i.341",
  "snippets": [
    "These images were then analysed with \u003Cem\u003EimageJ\u003C/em\u003E, an c",
    "at the National Institutes of Health. 2 Applying a calibration vector to each image usi",
    "to the collector), it was possible to acquire the height"
  ],
  "relevance_score": 47.060978
},
{
  "id": "https://openalex.org/W3022596913",
  "doi": "https://doi.org/10.1117/12.363965",
  "snippets": [
    "opticalvalidation system polarizationencode image state ofpolarization common",
    "1,b2(x original image = a1(x + b1(x + b.(,ij))*r1 ii 2 c)3d profile optical demonstrati",
    "ourmethod letf(x p(x a2(x respectively \u003Cem\u003EimageJ\u003C/em\u003E"
  ],
  "relevance_score": 46.978973
},
}
```

api.openalex.org/funder-search?search=imagej

Longer term vision

(meta)data is the new water.



Q&A

kyle@openalex.org