



IRUS-UK

ORCID

Exposing ORCID through IRUS-UK

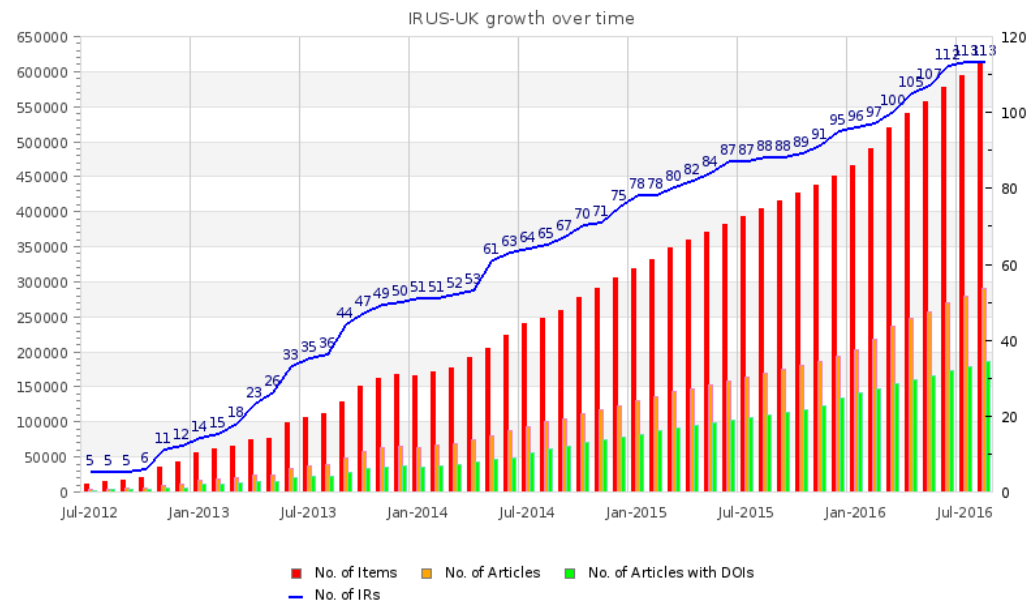
Hannah DeGroff
Jisc

The nuts and bolts of open
UKSG Forum: London
16 Nov 2016

What is IRUS-UK?

A national aggregation service of **I**nstitutional **R**epository **U**sage **S**tatistics in the **UK**

- Collects raw download data for **all item types** within UK IRs
- Processes raw data into COUNTER-compliant statistics



How is IRUS-UK used?

Use cases:

- Providing standards-based, reliable repository statistics
- Reporting to institutional managers
- Reporting to researchers
- Benchmarking
- Supporting advocacy

Case studies:

- Open Access Infographic (Imperial College London)
- Using IRUS-UK for a Statistics Libguide (Leeds Beckett University)
- Combining IRUS-UK and Altmetric Data (White Rose Research Online)
- Using IRUS-UK to develop an OA newsletter (Aberystwyth University)

Reporting to researchers - now

In IRUS-UK you can search for

- a specific item
- results by author name
 - which can be constrained to a single repository

However, it's a bit hit and miss

- Many researchers may share the same name
- Others have different names during their career
- Or there are different variations of the same name
 - J. Smith, John Smith, John J. Smith, etc.

The solution to this problem is ORCID

- ORCID = **O**pen **R**esearcher and **C**ontributor **I**Dentifier
- a persistent digital identifier that distinguishes one researcher from another and is immune to name variations or changes

Reporting to researchers – a glimpse into the future

IRUS-UK and the White Rose Consortium have collaborated to create a demonstrator using ORCID IDs to help isolate individual researcher outputs and their usage statistics.

- John Salter, at White Rose, created a custom ‘irus-orcid’ set for harvesting via OAI-PMH
- The White Rose repository has ORCID IDs mapped in the RIOXX profile
- John’s work led to some rapid development within IRUS-UK:
 - A couple of new database tables
 - A new ingest script to grab and process the RIOXX records containing the ORCID IDs
 - A bit of work in the user interface

IRUS-UK Index of Authors with ORCIDs

The screenshot shows a web browser window displaying the IRUS-UK Author Index. The page title is "IRUS-UK" and the last update is "14th Sep 2016". The navigation menu includes "Home", "Statistics Views", "Statistics Reports", "Metadata Views", "Metadata Reports", and "Admin". A search bar is present with a "More search options" link. The main content area is titled "Author index" and shows a list of authors under the letter "D". The authors are listed in a table with columns for Author, ORCID, No. of Items, and Total Downloads.

Author	ORCID	No. of Items	Total Downloads
Dalton, J E	0000-0001-8939-2925	1	49
Dalton, Jane Elise	0000-0001-9115-8855	1	33
Dasmahapatra, Kanchon Kumar	0000-0002-2840-7019	3	61
Davey, James	0000-0003-1336-1414	3	33
Davies, G J	0000-0002-7343-776X	10	2231
Davies, Ian	0000-0003-4434-9581	2	367
Davis, Robert Ian	0000-0002-5772-0928	1	3
Davis, S.	0000-0002-6609-4287	2	33
Davis, Seth J	0000-0001-5928-9046	1	32
Davletov, B.	0000-0003-4658-3275	1	3
Dawson, I F	0000-0003-4537-9977	18	1544

Individual Author Statistics

The screenshot shows a web browser window with the URL irus.mimas.ac.uk/portal/author/statistics/?orcid=0000-0002-7343-776X. The page title is "Author statistics". It features a navigation menu with "Home", "Statistics Views", "Statistics Reports", "Metadata Views", "Metadata Reports", and "Admin". A search bar is present with the text "More search options".

The main content area displays a table of author statistics:

Author	ORCID	No. of Items	Total Downloads
Davies, G J	0000-0002-7343-776X	10	2231

Below this is a section titled "Items" with a table of individual publications:

Title	Author(s)	IrusType	Repository	Item URL	Total Downloads
Carbohydrate anomalies in the PDB	Agirre, Jon; Davies, Gideon; Wilson, Keith; Cowtan, Kevin	Article	White Rose Research Online	http://eprints.whiterose.ac.uk/95242/	21
Catalysis by hen egg-white lysozyme proceeds via a covalent intermediate	Vocadlo, D J; Davies, G J; Laine, R; Withers, S G	Article	White Rose Research Online	http://eprints.whiterose.ac.uk/131/	1926
Combined inhibitor free-energy landscape and structural analysis reports on the mannosidase conformational coordinate	Williams, Rohan J; Iglesias-Fernández, Javier; Stepper, Judith; Jackson, Adam; Thompson, Andrew J; Lowe, Elisabeth C; White, Jonathan M; Gilbert, Harry J; Rovira, Carme; Davies, Gideon J; Williams, Spencer J	Article	White Rose Research Online	http://eprints.whiterose.ac.uk/83836/	8
Dissecting conformational contributions to glycosidase catalysis and inhibition	Speciale, Gaetono; Thompson, Andrew James; Davies, Gideon John; Williams, Spencer J	Article	White Rose Research Online	http://eprints.whiterose.ac.uk/84289/	73

IRUS-UK and ORCID – what next?

HE Institutions

- At the moment very few institutional repositories contain ORCIDs.
- We need more institutions to adopt ORCIDs and embed them into their workflows:
 - Incorporate ORCIDs in their repository metadata
 - Install RIOXX plugins (Eprints) / patches (DSpace)
 - Expose ORCID metadata via RIOXX in their OAI-PMH interfaces

IRUS-UK and ORCID – what next?

IRUS-UK

- Once RIOXX metadata is widely available from IRs *and includes* ORCIDs (and preferably funder/grant information) we can add more functionality to the service:
 - Search by ORCID
 - Targeted reports for researchers
 - Targeted reports for funders
 - Work with the ORCID API to enhance our metadata
 - And many other things we haven't even thought of yet!

Contacts & Information

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