

Using IRUS-UK data to produce Open Access Infographics

from Imperial College London

Background

At Imperial College London, the Open Access team in the library have been involved in developing materials to support open access and the institutional repository, Spiral. One way the team have been doing this is by producing infographics, which highlight headline repository statistics, including usage statistics.

Related links

Imperial College London Open Access & Digital Scholarship Blog: https://wwwf.imperial.ac.uk/blog/ openaccess/

Piktochart: http://piktochart.com/

Imperial College Twitter

@OAImperial

IRUS-UK reports used

Article Report 4 (AR4): for top five downloaded articles

ETD Report 1 for theses

How is IRUS-UK used?

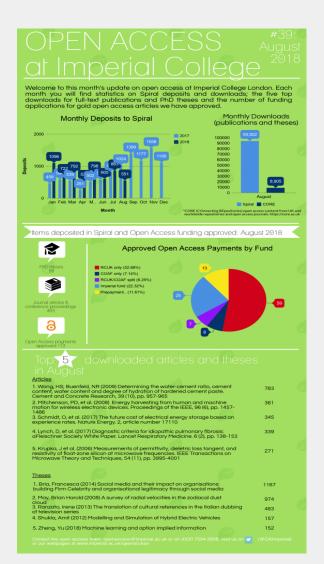
IRUS-UK is used to collate data to populate sections of the infographics.

One example shows the five top downloads for full-text publications and PhD theses and the number of funding applications for gold open access articles that have been approved.

This uses IRUS-UK data to identify the total monthly deposits to Spiral and the top five downloads of publications and theses.

Additional download numbers are used to show how many downloads come via CORE, an aggregator of global repository content. For more details about how IRUS and CORE collaborate, see the IRUS-UK's case study :

https://irus.jisc.ac.uk/ documents/IRUS-UK_interoperablity_wi th_CORE.pdf



Spiral deposits and downloads, the five top downloads for fulltext publications and PhD theses and the number of funding applications for gold open access articles that have been approved.

Jisc

IRUS-UK is a Jisc service



Another infographic uses IRUS-UK data to show the top five downloaded articles. For each of these articles, Altmetric data is also provided.

Top 5 most downloaded articles With stats from Altmetric and IRUS-LIK		
x #1 x	Glass Ceramics: Their production from wastes - A Review Rawlings RD, Wu JP, Boccaccini AR 112 Mendeley readers	Department of Materials 4,703
#2	Energy harvesting from human and machine motion for wireless electronic devices Mitcheson PD, Yeatman EM, Rao CK, Holmes AS, Green TC 740 paper citations	Department of Electrical and Electronic Engineering 3,924
#3	Determining the water-cement ratio, cement content, water content and degree of hydration of hardened cement paste: Method development and validation on paste samples Wong HS, Buenfeld NR	Department of Civil and Environmental Engineering 3,693
#4	Thermoresponsive polymers for biomedical applications Ward MA, Georgiou TK Wentioned by 1 Wikipedia page 675 Mendeley readers	Department of Materials 2,545 🗍
* #5	Comparative analysis of solid waste management in 20 cities Wilson DC, Rodic L, Scheinberg A, Velis CA, Alabaster G 124 Mendeley readers Mentioned in 2 tweets	Department of Civil and Environmental Engineering 1,633

Top five most downloaded articles

Outcome

Infographics have been produced using Piktochart to bring together data from IRUS-UK as well as other sources. The infographics are published via the Open Access and Digital Scholarship Blog and shared via Imperial's social media channels including Twitter @OAImperial.

In addition, the infographics are shared via faculty newsletters. Liaison librarians have been sharing these with academics and notifying authors who have featured in the top five most downloaded articles. This infographic has received many views and has been shared by others on social media.

Next steps

Imperial continue to develop their advocacy work and intend to produce more infographics and are hoping to make greater use of Altmetrics data, which may result in enhanced infographics in the future.

Future plans also include the production of infographics at a faculty and research group level, as well as conducting advocacy through events such as World Malaria Day.

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