Open Citations in Action: Case Study ScienceOpen

Workshop on Open Citations, Bologna, Italy
03-05 September 2017
@Science_Open  @SDawsonBerlin
Citations trace the genealogy of an idea and build the contextual framework of a scholarly article.
How many citations are open today?

As of January 2018, the fraction of publications with open references has grown from 1% to more than 50% out of the nearly 38 million articles with references deposited with Crossref.
ScienceOpen is a freely-accessible, interactive search and discovery platform connecting and exposing metadata.
Scholarly articles in context: ScienceOpen search/discovery platform

45 million research article records
17 million authors
25 thousand journals
ScienceOpen database: Relationship between objects

• Article — Article
  • Article B was listed in the reference section of Article A
    • Article A has a reference to Article B
    • Article B is cited by Article A
  • The reference information can be extracted from
    • XML content
    • Crossref record
    • PDF content (ca 70% of PDF docs can be processed)
  • Metadata is validated and enhanced at Crossref, PubMed, DOAJ, Datacite (IDs: DOI, PMC, PubMed, ArXiv, DOAJ, ScieELO)
  • Extracted Metadata: Title, Authors, Affiliation, Abstract, Publishing date, Journal name, Publisher name, Keywords, Disciplines,
  • Additional metadata: Altmetric score, View count, Read count, Cited by count
So how to make sense of 45 million articles?

**Filter:**
- Open Access
- Preprint
- Date
- Affiliation
- Keywords
- Discipline
- Validation
- Source
- Content type
- Journal

**Sort:**
- Citations
- Altmetric Score
- Date
- Usage
Sort your search results by citation

ScienceOpen.com research+publishing network

Search

Lyme Disease

7,334 results

Sort by cited by count
Sort by Altmetric score
Sort by average rating
Sort by date
Sort by view count
Sort by relevance

Impacts of biodiversity on the emergence and transmission of infectious diseases.
Andrew Dobson, C. Drew Harvell, Sharon Mitchell, Samuel Myers, R. Holt, 8 more... (2010)

Current unprecedented declines in biodiversity reduce the ability of ecological communities to provide many ecosystem services. Here we evaluate evidence that reduced biodiversity affects the transmission of infectious diseases of humans, other animals, plants, and microorganisms.

Genomic sequence of a Lyme disease spirochaeta, Borrelia burgdorferi.
Thomas C. M. Fraser, S. Casjens, W. Huang, G. Sutton, R. Clayton, 33 more... (1997)

The genome of the bacterium Borrelia burgdorferi B31, the etiologic agent of Lyme disease, contains a linear chromosome of 910,725 base pairs and at least 17 linear and circular plasmids with a combined size of more than 533,000 base pairs. The chromosome contains 553 genes encoding a basic...
Add a filter – Date, Open Access, Affiliation...
Export your results, cite and repeat!

Ticks and tick-borne pathogens
Climate Change: Open Access

BioMed Central
Public Library of Science
Frontiers Media S.A.
Nature Publishing Group
American Society for Microbiology

PLoS ONE
Parasites & Vectors
BMC Public Heath
Frontiers in Microbiology
Scientific Reports

Medicine
Life sciences
Infectious disease & Microbiology
Uncategorized
Parasitology

Export as citations
Sort reference lists by citation and more

Predicting age groups of Twitter users based on language and metadata features
References

Emerging adulthood. A theory of development from the late teens through the twenties.
J Arnett (2000)
Emerging adulthood is proposed as a new conception of development for the period from the late teens through the twenties, with a focus on ages 18-25. A theoretical background is presented. Then evidence is provided to support the idea that emerging adulthood is a distinct period of development.

Psychological aspects of natural language use: Our words, our selves.
James Pennebaker, Matthias Mehl, Kate G Niederhofer (2002)
The words people use in their daily lives can reveal important aspects of their social and psychological worlds. With advances in computer technology, text analysis allows researchers to reliably and quickly assess features of what people say as well as subtleties in their linguistic styles. Following
I’ll give you a cookie if you cite my paper
ORCID integration: Sort publications by citations, Altmetric score, usage, date
Personal statistics: track citations over time

Author's publications cited by other publications

2,573 citations
Making citations part of the open, machine-readable metadata anchored with persistent identifiers in Crossref will result in better discoverability for all.
As an aggregator of information, ScienceOpen will continue to open up, share, add to and explore the context of scholarly research in support of open knowledge goals. Join us!

Contact: Stephanie.Dawson@ScienceOpen.com
Twitter: @Science_Open, @SDawsonBerlin
Facebook: www.facebook.com/ScienceOpen