Integrating Scholia and ORKG for Real-Time Research Assessment

Attributing the sum of all human knowledge: WikiCite discussion

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WikiCite

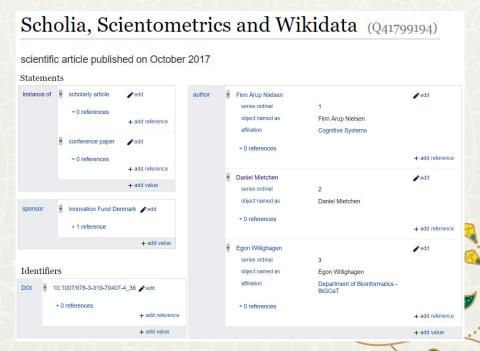{} wikicite

An open database of linked bibliographic metadata

- Hosted in Wikidata
- Crowdsourced from open resources such as OpenCitations, CrossRef, and PubMed
- Includes bibliographic metadata such as citations, source titles, authors, publication years, and external identifiers like DOIs and ORCIDs

https://www.wikidata.org/wiki/Q41799194

ORKG

An open database of linked research metadata

- Hosted at https://orkg.org/
- Based on user contributions
- Includes research metadata such as the used methods, the sample size, the main results, and the target variable of the studies

ORKG
Open Research Knowledge Graph

Effects of open access and articles-in-press mechanisms on publishing lag and first-citation speed: a case on energy and fuels journals

📅 April 2021   💬 1 citation   ☰ Information Science   👤 Wen-Yau Cathy Lin

Published in: *Scientometrics*   DOI: https://doi.org/10.1007/s11192-021-03956-5

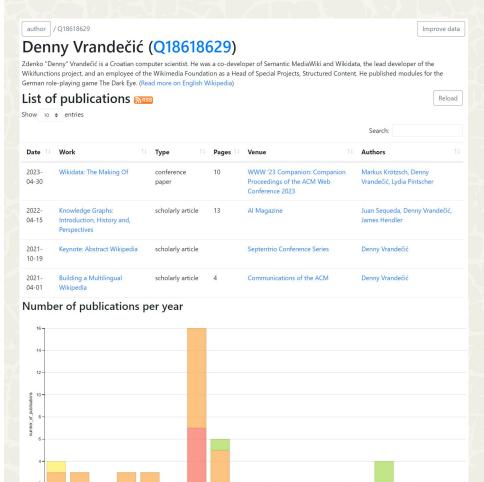| method	bibliometric analysis
	non-randomized
	retrospective
result	shorter for open access compared to non-open access
sample	24176 articles
statistical_methods	independent samples t test
Target variable	time between article submission and publication

https://orkg.org/paper/R188218

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Scholia

A SPARQL-based dashboard for generating scientometric profiles

- Hosted at https://scholia.toolforge.org/
- Driven by WikiCite
- Provides a statistical overview about publications, scientists, venues, prizes, institutions, and countries

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Scholia can be expanded

Query Federation with ORKG

- New statistics on the methods used by authors and institutions
- New insights about the main research findings of authors and institutions


```
SELECT ?item ?itemLabel ?gss ?os_toid WHERE {
    ?item p:P836 ?gss_stmt .
    ?gss_stmt ps:P836 ?gss .
    FILTER NOT EXISTS { ?gss_stmt pq:P582 [] } .
    FILTER NOT EXISTS { ?item wdt:P3120 [] } .

    SERVICE <http://data.ordnancesurvey.co.uk/datasets/os-linked-data/apis/sparql> {
        ?os_toid <http://data.ordnancesurvey.co.uk/ontology/admingeo/gssCode> ?gss
    }
    SERVICE wikibase:label { bd:serviceParam wikibase:language "en". }
}
```

SPARQL endpoint

You can access the following SPARQL endpoint to explore our data using SPARQL queries.

[Virtuoso Query Editor]   [Visual SPARQL Editor]

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Any question

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