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Publications by type

Papers only

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Online resources

[1] *Altmetric*. URL: https://www.altmetric.com.
Aggregator of online presence mentions of scholary content by monitoring: mainstream media outlets like news feeds, online reference managers like Mendeley, data from Open Syllabus Project, research highlights from F1000, Wikipedia, blogs, citations, social media like Facebook (public pages), Twitter, Google+, LinkedIn, etc. together with multimedia and other online platforms like YouTube, Reddit, etc.
Tools offered: browser plugin to see altimetrics for any publication with a DOI, embedding altimetrics statistics, altimetrics API to query the database.

[2] *BibSonomy*. URL: https://www.bibsonomy.org.
An online framework that allows users to collect and bookmark publications for their own usage and also tag them. This collection of publications can then be easily used to create a bibliography in various formats. Also, users can connect to each other and collaborate.

[3]   *ConnectedResearchers.* URL: http://connectedresearchers.com/online-tools-for-researchers/.
A list with digital tools for researchers categorized as follows: literature exploration, code and data sharing, connecting with others, writing and publishing articles and evaluating the research.

[4]   Oscar Corcho et al. *Research Object Ontology.* Workflow4Ever. URL: http://wf4ever.github.io/ro/2016-01-28/. An ontology for Research Objects that can be used to describe aggregations for scientific workflows.

[5]   *Data Quality Vocabulary.* URL: https://www.w3.org/TR/vocab-dqv/.
A W3C framework that allows the description of the quality of a dataset. The quality assessments can be made by various organizations and/or people: certification aggencies, data aggregators, data consumers, etc.

[6]   Jean-Claude Guédon. *Open Access: Toward the Internet of the Mind.* Budapest Open Access Initiative. URL: http://www.budapestopenaccessinitiative.org/boai15/Untitleddocument.docx.

[7]   *Hypothes.* URL: https://hypothes.is/.
An open platform that uses annotations and notes to share regarding news, blogs, scientific articles, books, etc.

[8]   *LabWorm.* URL: https://labworm.com/.
Search engine for online tools to assist in research.

[9]   *Linked Data Notifications.* URL: https://www.w3.org/TR/ldn/.
A W3C protocol that allows data to be shared across applications, independent of the data storage.

[10]   *PROV-Pings.* URL: http://prov-pings.org.
A web service used to link publications to their provenance. The responsibility of providing a provenance to a publication is not in the hands of the publisher anymore, but in the hands of the crowd. This is done by pushing a query with the provenance information.
PROV-AQ (Provenance Access and Query):
<publication-uri>prov:has_provenance <provenance-uri>
PROV-Pings:
<publication-uri> prov:pingback <prov-pings-uri?target=publication-uri>
<publication-uri> prov:has_query_service <prov-pings-uri>.

[11]   *Semantic Scholar.* URL: https://www.semanticscholar.org/.
A corpus of computer science and neuroscience papers with a search engine for the publications in its database. It can also identify missing citations using Citeomatic.

Publications by field

Semantic publishing-related only

[2]   *BibSonomy.* URL: https://www.bibsonomy.org.
An online framework that allows users to collect and bookmark publications for their own usage and also tag them. This collection of publications can then be easily used to create a bibliography in various formats. Also, users can connect to each other and collaborate.

[3]   *ConnectedResearchers*. URL: http://connectedresearchers.com/online-tools-for-researchers/.
        A list with digital tools for researchers categorized as follows: literature exploration, code and data sharing, connecting with others, writing and publishing articles and evaluating the research.

[27]   Angelo Di Iorio et al. "Faceted documents: describing document characteristics using semantic lenses". In: *International Conference on Linked Science*. Vol. 1282. LISC'14. LISC: Linked Science Conference. Riva del Garda, Italy: CEUR-WS.org, 2014, pp. 12–23. URL: dl.acm.org/ft_gateway.cfm?id=2361396.

[8]   *LabWorm*. URL: https://labworm.com/.
        Search engine for online tools to assist in research.

[9]   *Linked Data Notifications*. URL: https://www.w3.org/TR/ldn/.
        A W3C protocol that allows data to be shared across applications, independent of the data storage.

[42]   Silvio Peroni and David Shotton. "FaBiO and CiTO: ontologies for describing bibliographic resources and citations". In: *Web Semantics: Science, Services and Agents on the World Wide Web* 17 (Dec. 2012), pp. 33–43. DOI: 10.1016/j.websem.2012.08.001. URL: http://www.sciencedirect.com/science/article/pii/S1570826812000790.

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[46]   Silvio Peroni et al. "Semantic lenses as exploration method for scholarly articles". In: *Italian Research Conference on Digital Libraries: Bridging Between Cultural Heritage Institutions, Communications in Computer and Information Science*. Ed. by Catarci T., Ferro N., and Poggi A. Vol. 385. IRCDL'13. Berlin, Heidelberg, Germany: Springer, 2013. DOI: 10.1007/978-3-642-54347-0_13. URL: link.springer.com/content/pdf/10.1007%252F978-3-642-54347-0_13.pdf.

[47]   Silvio Peroni et al. "Setting our bibliographic references free: towards open citation data". In: *Journal of Documentation* 71.2 (Mar. 2015), pp. 253–277. DOI: 10.1108/JD-12-2013-0166. URL: http://www.emeraldinsight.com/doi/full/10.1108/JD-12-2013-0166.

[10]   *PROV-Pings*. URL: http://prov-pings.org.
        A web service used to link publications to their provenance. The responsibility of providing a provenance to a publication is not in the hands of the publisher anymore, but in the hands of the crowd. This is done by pushing a query with the provenance information.
        PROV-AQ (Provenance Access and Query):
        <publication-uri>prov:has_provenance <provenance-uri>
        PROV-Pings:
        <publication-uri> prov:pingback <prov-pings-uri?target=publication-uri>
        <publication-uri> prov:has_query_service <prov-pings-uri>.

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