

Retracted articles in Wikidata

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Keywords

Wikidata, Wikipathways

Abstract

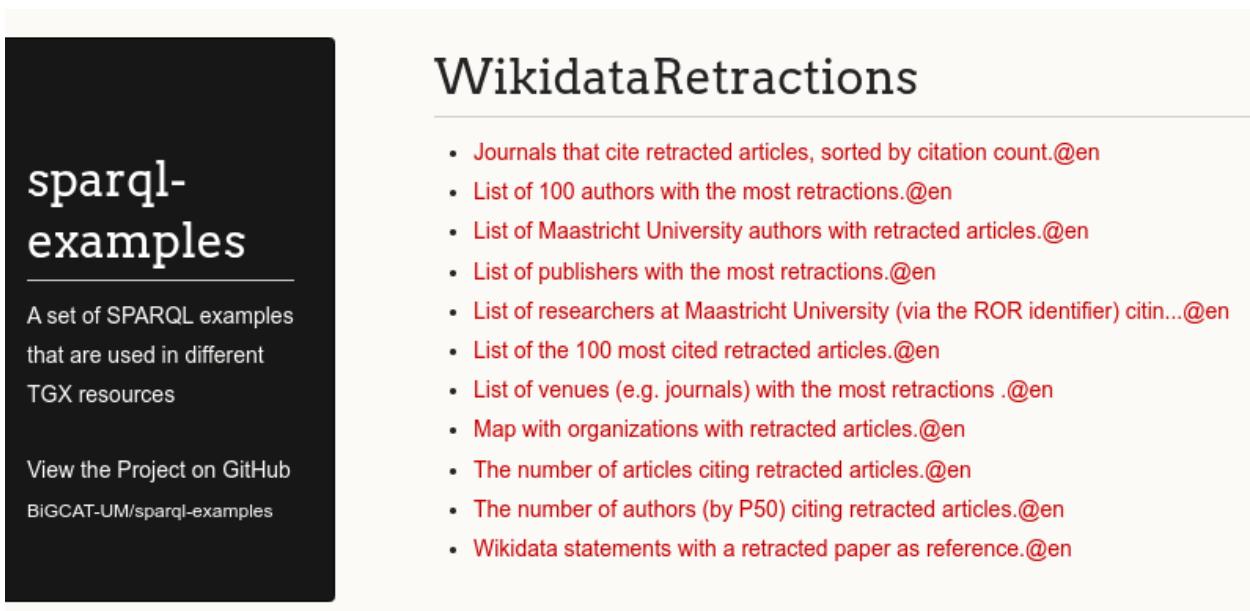
A good number of years ago, a colleague and I explored if we could get access to the Retraction Watch Database, but we could not afford it. We have been using data on retractions for curate our databases, like WikiPathways. A database should not contain knowledge based on (only) a retracted article. Wikidata, btw, has a small number (499) of statements supported by retracted articles.

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A good number of years ago, a colleague and I explored if we could get access to the [Retraction Watch Database](#), but we could not afford it. We have been using data on retractions to curate our databases, like [WikiPathways](#). A database should not contain knowledge based on (only) a retracted article. Wikidata, btw, has a small number (499) of statements supported by retracted articles. Similarly, it turns out that I am [citing retracted articles in two papers](#) (and a preprint of one of them).

Wikidata has a good number of retracted articles in their database ([some 21 thousand at the time of writing](#)). A lot of this data comes from CrossRef, that recently [acquired the Retraction Watch Database](#) (doi:10.13003/c23rw1d9) and started providing the content as FAIR and Open data. With a [Bacting-based script](#) I am regularly updating Wikidata with annotations from CrossRef, giving a rich dataset in Wikidata around the queries. Over the past few years I have written various SPARQL queries to show the results which today I [collected under a single home](#):



The screenshot shows a project page for 'WikidataRetractions'. On the left, there's a sidebar with a dark background containing the title 'sparql-examples' and a description: 'A set of SPARQL examples that are used in different TGX resources'. Below this, there are links to 'View the Project on GitHub' and the GitHub repository 'BiGCAT-UM/sparql-examples'. The main content area has a light background and features the title 'WikidataRetractions' in large, bold, dark text. Below the title is a horizontal line. To the right of the line is a list of 14 items, each preceded by a red bullet point. The items are: 'Journals that cite retracted articles, sorted by citation count. @en', 'List of 100 authors with the most retractions. @en', 'List of Maastricht University authors with retracted articles. @en', 'List of publishers with the most retractions. @en', 'List of researchers at Maastricht University (via the ROR identifier) citin... @en', 'List of the 100 most cited retracted articles. @en', 'List of venues (e.g. journals) with the most retractions. @en', 'Map with organizations with retracted articles. @en', 'The number of articles citing retracted articles. @en', 'The number of authors (by P50) citing retracted articles. @en', and 'Wikidata statements with a retracted paper as reference. @en'.

- [Journals that cite retracted articles, sorted by citation count. @en](#)
- [List of 100 authors with the most retractions. @en](#)
- [List of Maastricht University authors with retracted articles. @en](#)
- [List of publishers with the most retractions. @en](#)
- [List of researchers at Maastricht University \(via the ROR identifier\) citin... @en](#)
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- [Map with organizations with retracted articles. @en](#)
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