chem-bla-ics

What metabolites are found in which species? Nanopublications from Wikidata

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Keywords

Nanopub, Cheminf, Wikidata

Abstract

In December I reported about Groovy code to create nanopublications . This has been running for some time now, extracting nanopubs that assert that some metabolite is found in some species. I send the resulting nanopubs to Tobias Kuhn , to populate his Growing Resource of Provenance-Centric Scientific Linked Data (doi:10.1109/eScience.2018.00024, PDF).

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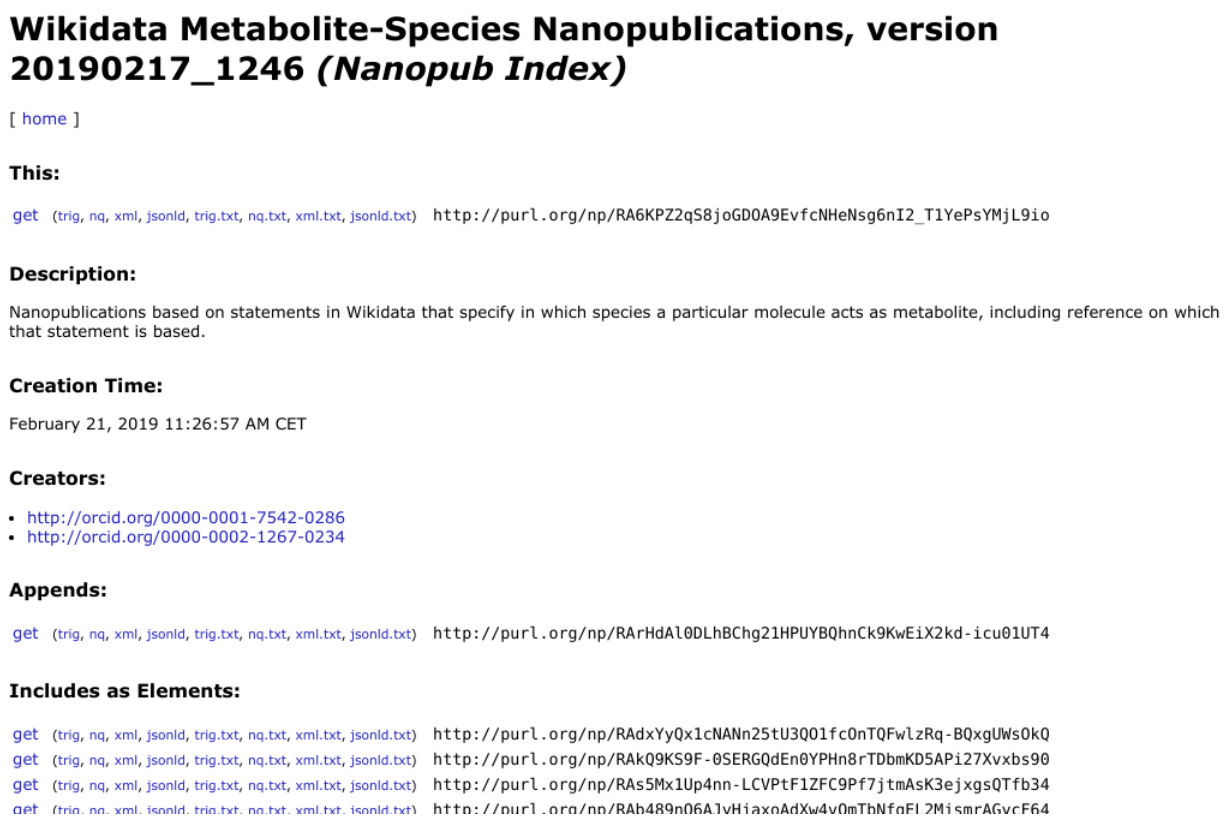
Each data set comes with an index pointing to the individual nanopubs, and that looks like this:



Wikidata Metabolite-Species Nanopublications, version 20190217_1246 *(Nanopub Index)*

[home]

This:

get (trig, nq, xml, jsonld, trig.txt, nq.txt, xml.txt, jsonld.txt) http://purl.org/np/RA6KPZ2qS8joGDOA9EvfcNHeNsg6nI2_T1YePsYMjL9io

Description:

Nanopublications based on statements in Wikidata that specify in which species a particular molecule acts as metabolite, including reference on which that statement is based.

Creation Time:

February 21, 2019 11:26:57 AM CET

Creators:

- http://orcid.org/0000-0001-7542-0286
- http://orcid.org/0000-0002-1267-0234

Appends:

get (trig, nq, xml, jsonld, trig.txt, nq.txt, xml.txt, jsonld.txt) http://purl.org/np/RArHdAl0DLhBChg21HPUYBQhnCk9KwEiX2kd-icu01UT4

Includes as Elements:

get (trig, nq, xml, jsonld, trig.txt, nq.txt, xml.txt, jsonld.txt) http://purl.org/np/RAdxYyQx1cNANn25tU3QO1fcOnTQFwlzRq-BQxgUWsOkQ
get (trig, nq, xml, jsonld, trig.txt, nq.txt, xml.txt, jsonld.txt) http://purl.org/np/RAkQ9KS9F-0SERGQdEn0YPHn8rTDbmKD5APi27Xvxbs90
get (trig, nq, xml, jsonld, trig.txt, nq.txt, xml.txt, jsonld.txt) http://purl.org/np/RAs5Mx1Up4nn-LCVPtF1ZFC9Pf7jtmAsK3ejxgsQTfb34
get (trig, nq, xml, jsonld, trig.txt, nq.txt, xml.txt, jsonld.txt) http://purl.org/np/RAb489nQ6AlvHiaxoAdXw4vQmTbNfqFL2MismrAGvcF64

I wonder what options I have to to archive the full set up nanopublications on Figshare or Zenodo, and see that DOI show up here...