

# Qeios, an open dissemination platform for research output

Egon Willighagen 

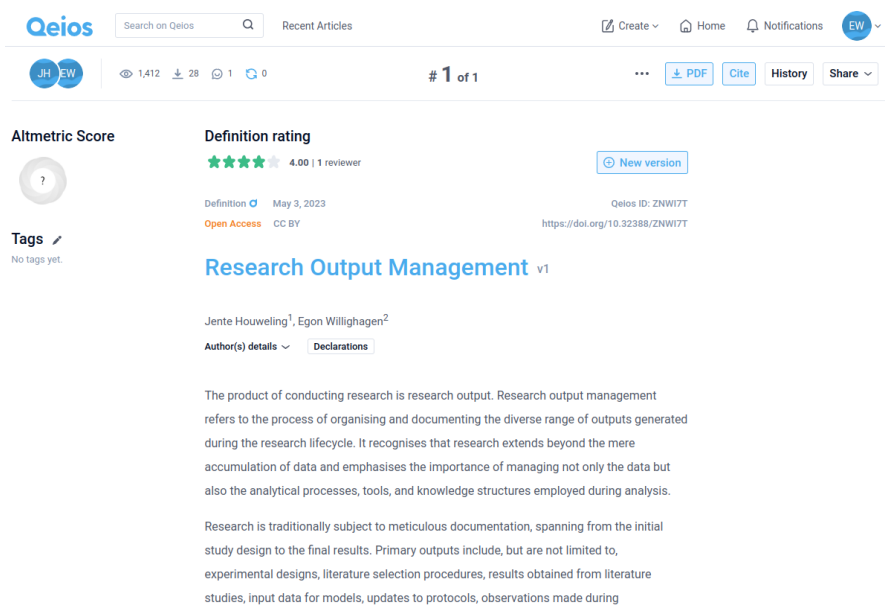
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Rom, Publishing



The screenshot shows the Qeios interface for the article "Research Output Management v1". At the top, there is a search bar and navigation links for "Create", "Home", "Notifications", and a user profile "EW". Below the navigation, the article title "Research Output Management v1" is displayed, along with a definition rating of 4.00 (5 stars) based on 1 reviewer. The article is dated May 3, 2023, and is under a CC BY license. The authors listed are Jente Houweling<sup>1</sup> and Egon Willighagen<sup>2</sup>. The main text of the article is visible, starting with "The product of conducting research is research output. Research output management refers to the process of organising and documenting the diverse range of outputs generated during the research lifecycle. It recognises that research extends beyond the mere accumulation of data and emphasises the importance of managing not only the data but also the analytical processes, tools, and knowledge structures employed during analysis. Research is traditionally subject to meticulous documentation, spanning from the initial study design to the final results. Primary outputs include, but are not limited to, experimental designs, literature selection procedures, results obtained from literature studies, input data for models, updates to protocols, observations made during".

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## chem-bla-ics

A bit over a year ago I got introduced to [Qeios](#) when I was asked to review an article by Michie, West, and Hasting: “*Creating ontological definitions for use in science*” (doi:[10.32388/YGIF9B.2](#)). I wrote up my thoughts after reading the paper, and the review was posted openly online and got a DOI. Not the first platform to do this (think F1000), but it is always nice to see some publishers taking publishing seriously. Since then, I reviewed [two more](#) papers.

One of these latter two was not a more traditional paper, but a different kind of **research output**: a definition, about “*Drive-by Curation*” (doi:[10.32388/KBX9VO](#)). Now about this output type, collaboratively working on definitions is something core to ontology development (e.g. see doi:[10.1186/s13326-015-0005-5](#)), but there is a clear need to discuss terminology. The [GRACIOUS](#) project in the [EU NanoSafety Cluster](#) also recognized this and set up a tool for this, their [Terminology Harmonizer](#) (doi:[10.1016/j.impact.2021.100366](#)).

This GRACIOUS tool, much more than what Qeios does, helps users. Unfortunately, and why how these topics nicely come together, writing definitions, thinking about when some zeta potential is different from another zeta potential, and the (drive-by) community curation, it needs transparency. I understand it, but landing on a login page is for me a recipe for a silent death as it disallows people to learn, without making an (time) investment first. That is what Qeios does differently: it is more FAIR.

So, that brings me to my last point in this post. Jente Houweling and I wrote up a definition for “*Research Output Management*” (doi:[10.32388/ZNWI7T](#)), based on our discussions about her research insights. See the screenshot below.

It has been reviewed internally, and by one independent peer (doi:[10.32388/C3SJTN](#)). But we would love to hear your review too. Just follow the instructions online. We are looking forward to reading your thoughts and to refining our definition.

Screenshot of the Qeios page for the Research Output Management paper.