

Got a DOI? Claim and Give Some CRediT!



Richard Wynne

<https://rescognito.com/0000-0002-9217-0407>

The Basics

DOIs are Digital Object Identifiers. They are used to uniquely and persistently identify research outputs such as scholarly research papers.

CRediT¹ is a standardized taxonomy used to recognize research contributions made by individual authors of research papers, such as: writing, supervision and data visualization.

Research funders (who invest \$1.9 trillion a year in funding²) use research papers to evaluate investment outcomes. Understandably they want to reliably know exactly who contributed what to each specific research output. This allows them to evaluate research impact and better target their future funding decisions.


So, What's New?


Rescognito makes it possible for anyone (with an ORCID³ iD) to associate CRediT recognition with a published manuscript using its Crossref DOI.

For example, let's take the following Crossref DOI: 10.1101/19002857 - it uniquely identifies a preprint on medRxiv. Clicking the DOI link automatically redirects you to the published work: <https://doi.org/10.1101/19002857>

Now, take the same DOI and add it to the Rescognito base URL: <https://rescognito.com/10.1101/19002857> - Go on, click on the link and give it a try!

Rescognito automatically displays a page listing all the contributors (*provided they have an ORCID iD associated with the manuscript*):



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Name

Multidimensional factors predicting exclusive breastfeeding in Ethiopia: evidence from a meta-analysis of studies in the past 10 years

[10.1101/19002857](#)


| Contributors | Reasons (5 COGs per selection) | Reason Selections |
|--|--------------------------------|-------------------|
| Tesfa Dejenie Habtewold 0000-0003-4476-518X | Nothing selected | Select a reason |
| Aklilu Endalamaw 0000-0002-9121-6549 | Nothing selected | Select a reason |
| Shimels Hussien Mohammed 0000-0001-8231-4158 | Nothing selected | Select a reason |
| Henok Mulugeta 0000-0001-7330-3609 | Nothing selected | Select a reason |
| Getenet Dessie 0000-0001-7276-0891 | Nothing selected | Select a reason |
| Yihun Mulugeta Alemu 0000-0003-3145-3494 | Nothing selected | Select a reason |

From this Rescognito page a user can select and assign one or more CRediT terms for each author (including self-claiming if they are listed):

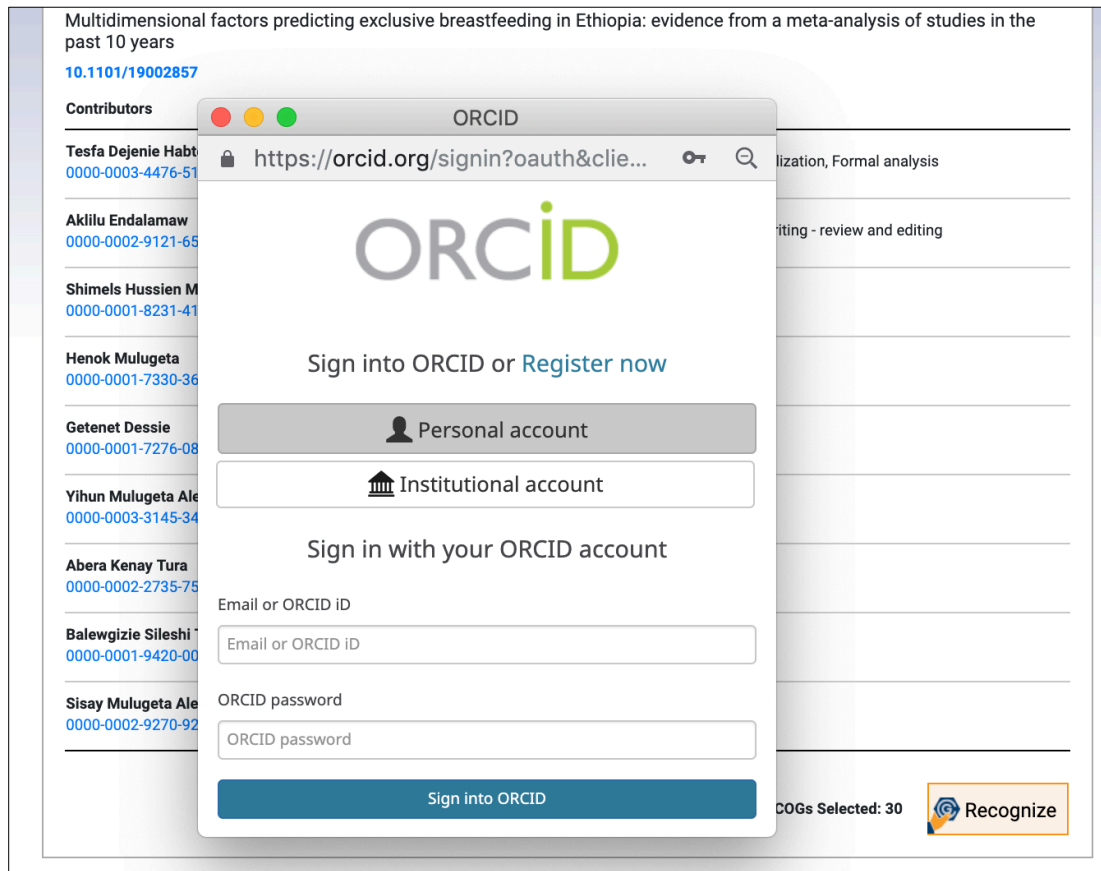
Multidimensional factors predicting exclusive breastfeeding in Ethiopia: evidence from a meta-analysis of studies in the past 10 years

[10.1101/19002857](#)

| Contributors | Reasons (5 COGs per selection) | Reason Selections |
|--|--------------------------------|--|
| Tesfa Dejenie Habtewold 0000-0003-4476-518X | Writing - original draft | Writing - original draft |
| Aklilu Endalamaw 0000-0002-9121-6549 | 3 items selected | Project administration, Supervision, Validation |
| Shimels Hussien Mohammed 0000-0001-8231-4158 | 3 items selected | Data curation, Data visualization, Formal analysis |
| Henok Mulugeta 0000-0001-7330-3609 | Writing - original draft | Writing - original draft |
| Getenet Dessie 0000-0001-7276-0891 | Writing - review and editing | Writing - review and editing |
| Yihun Mulugeta Alemu 0000-0003-3145-3494 | Nothing selected | Select a reason |
| Abera Kenay Tura 0000-0002-2735-7523 | Nothing selected | Select a reason |
| Balewgizie Sileshi Tegegne 0000-0001-9420-0043 | Nothing selected | Select a reason |
| Sisay Mulugeta Alemu 0000-0002-9270-9281 | Nothing selected | Select a reason |





Total Award COGs Available: 20965
Total COGs Selected: 45


When a user is ready to record the recognition, they click the “Recognize” button and are prompted to enter their ORCID iD so that the recognition can be verifiably attributed to them. No Rescognito registration or membership is required.



Once ORCID iD verification is complete, the recognition is automatically posted to the “Open Ledgers” of each of the recognized authors.

The Rescognito Open Ledger displays the recognition in an aggregated and granular manner. In this hypothetical example, Richard Wynne has verifiably recognized one of the contributors for writing the original draft.

| Open Ledger for: Tesfa Dejenie Habtewold  https://orcid.org/0000-0003-4476-518X | |  Recognize | 25 Total COGs Received | 25 2019 COGs Received | 200 Award COGs |
|---|-------|---|--|--|--------------------------|
| All ▾ | Print | Show 10 ▾ entries | | | |
| Date | COGs | Type | Depositor/Source | Reason/Contribution | |
| 8/20/2019 | 5 | Peer | Richard Wynne 0000-0002-9217-0407 | Writing - original draft Link : Multidimensional factors predicting exclusive breastfeeding in Ethiopia: evidence from a meta-analysis of studies in the past 10 years | |
| 7/25/2019 | - | Work/Publication | Crossref Metadata Search | Link : Patient satisfaction with nursing care in Ethiopia: a...  Recognize | |
| | | | | Link : Multidimensional factors predicting exclusive breastfeeding in Ethiopia: evidence from a meta-analysis of studies in the past 10 years  Recognize | |

Rescognito Transparency and Accountability Enables Filtering, Visualization, Interpretation

Outdated measures of research impact are based on opaque metrics and processes. Historically, this makes it virtually impossible to reliably trace assertions and understand individual contributions.

In contrast, all the assertions in Rescognito are *verifiably* attributed, this means that users (including AI and visualization tools) can filter-out non-credible recognition/attribution.

Similarly, institutional users (such as journals, scholarly societies and academic departments) can apply their own recognition rules so as to only permit CRediT assignment by the corresponding author or other authorized party. When an institution “curates” recognition in this manner, their branding can appear on the Open Ledger as way to signal enhanced quality.

What’s Next?

In September 2019 Rescognito will be releasing a visualization tool to help users interpret and analyze the data from the Open Ledger.

¹ <https://casrai.org/credit/>

² <https://www.nsf.gov/statistics/2018/nsb20181/report/sections/research-and-development-u-s-trends-and-international-comparisons/cross-national-comparisons-of-r-d-performance>

³ <https://www.orcid.org>