

CRedit and *tenzing*

The Contributor Role Taxonomy (CRedit) is a formal taxonomy that has been widely adopted by academics and publishers to improve accessibility and visibility of contributions to scientific publications (Allen et al., 2014, Holcombe et al., 2020). CRedit defines fourteen types of contributor roles:

1. Conceptualization
2. Data curation
3. Formal Analysis
4. Funding acquisition
5. Investigation
6. Methodology
7. Project administration
8. Resources
9. Software
10. Supervision
11. Validation
12. Visualization
13. Writing – original draft
14. Writing – review & editing

Descriptions for CRedit contributor roles are available at <http://credit.niso.org/>. *Tenzing* is a tool designed to help researchers document scientific contributions with CRedit. *Tenzing* is available as a web-based application (<https://rollercoaster.shinyapps.io/tenzing/>) and R package (<https://github.com/marton-balazs-kovacs/tenzing>, Kovacs et al., 2020). *Tenzing* provides a spreadsheet template for researchers to enter the names of authors and check the types of their CRedit contributor roles. Throughout a research project, researchers can revise their filled *Tenzing* spreadsheet and the version history function makes it easy to keep track of the evolution of author contributions. Before submitting a research article to a publisher, researchers can upload their filled spreadsheet to the *Tenzing* app and generate a list of author contributions.

Citation:

Allen L., Scott J., Brand A., Hlava M., & Altman M. (2014). [Publishing: Credit where credit is due](#). *Nature News*, 508(7496), 312

Holcombe AO, Kovacs M, Aust F, & Aczel B. (2020). [Documenting contributions to scholarly articles using CRedit and *tenzing*](#). *PLoS One*,15(12), e0244611.

Kovacs, M., Aust, F., Holcombe, A. O., & Aczel, B. (2020). [tenzing: Documenting contributions to scientific scholarly output with CRedit](#) (Version 0.1.0). Zenodo.

<http://doi.org/10.5281/zenodo.3993411>



C-CoMP Guiding Principles for Collaboration

Supplement