

Reviewer's report

Title: Research Prioritization through prediction of future biomedical impact: a position paper

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Reviewer: CHAOMING SONG

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The manuscript by Ganapathiraju et al. presents a new methodological framework towards understanding the impact of PPI based on large scale citation datasets. Basically the authors provided data analysis on the datasets that offers a global view of biomedical impact. They further offered an inference model and test the predictive power of their algorithm. The manuscript is, in general, well written, technically sound, and interesting.

Discretionary Revisions

My only concern is that the new framework so far is based only on the scientific impact (that is the citation) without involving contexts of the references. Therefore, a high PPI involving many citations might be just a controversial one. Further validations based on semantic analysis have to be addressed somewhere.

Level of interest: An article of importance in its field

Quality of written English: Acceptable

Statistical review: Yes, and I have assessed the statistics in my report.

Declaration of competing interests:

no