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Author
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Post Url
https://www.enago.com/academy/tw/is-open-transparent/

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??Royal

Society Open Science??BMJ Open?Synlett?PLOS ONE?????????????????????????????

???arXiv?PubMed Commons?BMJ Open??PRC 2015 ? PRE 2016??

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enago academy
Learn. Share. Discuss. Publish.

TRANSPARENCY IN PEER REVIEW

Traditional Peer Review

Single-blind & Double-blind

👍

- Improves quality and readability
- Evaluates and filters high quality research

👎

- Biased
- Slow
- Overworked referees
- Difficult to hide author's identity

Alternatives

Open: PLOS ONE; BMJ Open
Pre submission: arXiv; bioRxiv; ChemRXiv
Post-publication: PubMed Commons; Publons; PubPeer
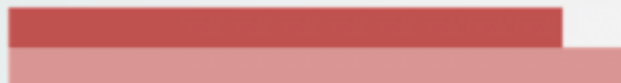
👍

- Transparency
- Credit/encourages reviewer

👎

- Less rigorous and less critical review
- Possibly harsh comments

IMPROVE
- Accountability
- Rewards/credit
- Training
- Author-reviewer interaction

Author's and reviewer's attitude towards different peer review models

Post-publication

Open

Double-blind

Single-blind

On a scale of 1 to 10
1-4: Uncomfortable
5-7: Moderately comfortable
8-10: Very comfortable

■ Reviewers (S
■ Authors (STM)
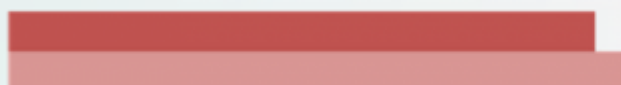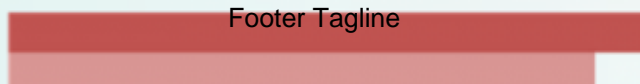
Cite this article

????, ?????????????. Enago Academy. June 27, 2018. https://www.enago.com/academy/tw/is-open-transparent/