

PHILOSOPHY

IS SCIENCE SELF-CORRECTING?

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This was the recent (friendly) response of an editor. He wrote to me, that if there are any real errors, they would be corrected by later papers.

I don't think so. Even if somebody else will notice the errors, it will not be published. Even if published it will not be noticed. [@aceilalkhatib](#) pointed me to [Sci Eng Ethics \(2017\) 23:1213-1226](#)

"Fortifying the Corrective Nature of Post-publication Peer Review: Identifying Weaknesses, Use of Journal Clubs, and Rewarding Conscientious Behavior", a great paper that clearly says

Science is currently not a spontaneously self-corrective process because moral values will always fluctuate or because there will always be deficits in credibility, in part as a result of the wide social background or economic status of scientists around the world. Rather, the correction of science, and its literature, is a pro-active process that requires the involvement of conscientious individuals who would like to replicate studies and who intend to engage with each other to see such errors eliminated.