

Daniele Fanelli

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Mini-Bio: Daniele Fanelli graduated in Natural Sciences, earned a PhD in Behavioural Ecology and trained as a science communicator, before devoting his postdoctoral career to studying the nature of science itself - a field increasingly known as meta-science or meta-research. He has been primarily interested in assessing and explaining the prevalence, causes and remedies to problems that may affect research and publication practices, across the natural and social sciences. ... Fanelli helps answer these and other questions by analysing patterns in the scientific literature using meta-analysis, regression and any other suitable methodology. He is a member of the Research Ethics and Bioethics Advisory Committee of Italy's National Research Council, for which he developed the first research integrity guidelines, and of the Research Integrity Committee of the Luxembourg Agency for Research Integrity (LARI).

SELECTED PUBLICATIONS:

- **Fanelli D** and Moher DM (2019) *What difference do retractions make? An estimate of the epistemic impact of retractions on recent meta-analyses.* [bioRxiv - doi.org/10.1101/734137](https://doi.org/10.1101/734137)
- **Fanelli D** (2019) *A theory and methodology to quantify knowledge.* [Royal Society Open Science - doi.org/10.1098/rsos.181055](https://doi.org/10.1098/rsos.181055)
- **Fanelli D** (2018) *Is science really facing a reproducibility crisis, and do we need it to?* [PNAS -doi.org/10.1073/pnas.1708272114](https://doi.org/10.1073/pnas.1708272114)
- **Fanelli D**, Costas R, Ioannidis JPA (2017) *Meta-assessment of bias in science.* [PNAS - 10.1073/pnas.1618569114](https://doi.org/10.1073/pnas.1618569114)
- Ioannidis JPA, **Fanelli D**, Drake Dunne D, Goodman SN (2015). *Meta-research: Evaluation and improvement of research methods and practices.* [PLoS Biology - DOI: 10.1371/journal.pbio.1002264](https://doi.org/10.1371/journal.pbio.1002264)
- **Fanelli D** (2013) *Only reporting guidelines can save (soft) science.* [European Journal of Personality 27\(2\): 124](https://doi.org/10.1177/1461656113508888)
- **Fanelli D** (2013) *Redefine misconduct as distorted reporting.* [Nature - DOI:10.1038/494149a](https://doi.org/10.1038/494149a)