

# Stanford

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## Mario Malicki

Social Science Research Scholar, Epidemiology and Population Health

### Bio

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#### BIO

After finishing School of Medicine at the University of Zagreb, Croatia, I obtained an MA in Literature and Medicine at King's College, London, UK, and then worked at the University of Split School of Medicine, Croatia where I obtained my PhD in Medical Ethics titled: Integrity of scientific publications in biomedicine. From 2017-2019 I have been a postdoc at AMC and ASUS Amsterdam, Netherlands, following which I was a postdoc from 2020-2022 at the Meta-Research Innovation Center at Stanford (METRICS). I am currently an Associate Director of Stanford Program on Research Rigor and Reproducibility (SPORR).

I am also a Co-Editor-in-Chief of Research Integrity and Peer Review journal (RIPR)

#### CURRENT ROLE AT STANFORD

Associate Director of Stanford Program of Research Rigor and Reproducibility (SPORR)

#### EDUCATION AND CERTIFICATIONS

- PhD, University of Split , Medical Ethics (2015)
- MA, Kings College London , Literature and Medicine (2010)
- MD, University of Zagreb , Medicine (2007)

#### LINKS

- RIPR journal: <https://researchintegrityjournal.biomedcentral.com/>
- Google Scholar Profile: [https://scholar.google.com/citations?user=N\\_Ap1\\_AAAAAJ&hl=en](https://scholar.google.com/citations?user=N_Ap1_AAAAAJ&hl=en)
- WoS/Publons Profile: <https://publons.com/researcher/329329/mario-malicki/>

### Professional

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#### PROFESSIONAL AFFILIATIONS AND ACTIVITIES

- Peer Review Committee Member, EASE (2019 - 2023)
- Editorial Board Member, European Science Editing (ESE) (2021 - present)
- Peer Review Committee Chair, EASE (2023 - present)

### Publications

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#### PUBLICATIONS

- **Structure peer review to make it more robust** *NATURE*

- Malicki, M.  
2024; 628 (8008): 476
- **Automatically listing senior members of departments as co-authors is highly prevalent in health sciences: meta-analysis of survey research.** *Scientific reports*  
Meursinge Reynders, R. A., Cavagnetto, D., Ter Riet, G., Di Girolamo, N., Malicki, M.  
2024; 14 (1): 5883
  - **Honorary authorship is highly prevalent in health sciences: systematic review and meta-analysis of surveys.** *Scientific reports*  
Meursinge Reynders, R. A., Ter Riet, G., Di Girolamo, N., Cavagnetto, D., Malicki, M.  
2024; 14 (1): 4385
  - **A guide for social science journal editors on easing into open science.** *Research integrity and peer review*  
Silverstein, P., Elman, C., Montoya, A., McGillivray, B., Pennington, C. R., Harrison, C. H., Steltenpohl, C. N., Röer, J. P., Corker, K. S., Charron, L. M., Elsherif, M., Malicki, M., Hayes-Harb, et al  
2024; 9 (1): 2
  - **Research rigor and reproducibility in research education: A CTSA institutional survey.** *Journal of clinical and translational science*  
Axfors, C., Malicki, M., Goodman, S. N.  
2024; 8 (1): e45
  - **Characterization of Comments About bioRxiv and medRxiv Preprints.** *JAMA network open*  
Carneiro, C. F., da Costa, G. G., Neves, K., Abreu, M. B., Tan, P. B., Rayee, D., Boos, F. Z., Andrejew, R., Lubiana, T., Malicki, M., Amaral, O. B.  
2023; 6 (8): e2331410
  - **Transparency in conducting and reporting research: A survey of authors, reviewers, and editors across scholarly disciplines.** *PloS one*  
Malicki, M., Aalbersberg, I. J., Bouter, L., Mulligan, A., Ter Riet, G.  
2023; 18 (3): e0270054
  - **Statistical Guidance to Authors at Top-Ranked Journals across Scientific Disciplines** *AMERICAN STATISTICIAN*  
Hardwicke, T. E., Salholz-Hillel, M., Malicki, M., Szucs, D., Bendixen, T., Ioannidis, J. A.  
2022
  - **Honorary authorship in health sciences: a protocol for a systematic review of survey research.** *Systematic reviews*  
Meursinge Reynders, R., Ter Riet, G., Di Girolamo, N., Malicki, M.  
2022; 11 (1): 57
  - **Predictors of academic progression and desire to continue education for undergraduate and graduate nursing students: Cross-sectional study and a nested follow-up study.** *Nurse education today*  
Bokan, I., Buljan, I., Marusic, M., Malicki, M., Civljak, M., Marusic, A.  
2022; 111: 105274
  - **Systematic review and meta-analyses of studies analysing instructions to authors from 1987 to 2017** *NATURE COMMUNICATIONS*  
Malicki, M., Jeroncic, A., Aalbersberg, I. J., Bouter, L., ter Riet, G.  
2021; 12 (1): 5840
  - **Toward Assessing Clinical Trial Publications for Reporting Transparency.** *Journal of biomedical informatics*  
Kilicoglu, H., Roseblat, G., Hoang, L., Wadhwa, S., Peng, Z., Malicki, M., Schneider, J., Riet, G. T.  
2021: 103717
  - **Analysis of single comments left for bioRxiv preprints till September 2019.** *Biochemia medica*  
Malicki, M. n., Costello, J. n., Alperin, J. P., Maggio, L. A.  
2021; 31 (2): 020201
  - **Attitudes and practices of open data, preprinting, and peer-review-A cross sectional study on Croatian scientists.** *PloS one*  
Bazdaric, K., Vrkic, I., Arh, E., Mavrinac, M., Gligora Markovic, M., Bilic-Zulle, L., Stojanovski, J., Malicki, M.  
2021; 16 (6): e0244529
  - **Is the quality of reviews reflected in editors' and authors' satisfaction with peer review? A cross-sectional study in 12 journals across four research fields** *LEARNED PUBLISHING*  
Pranic, S. M., Malicki, M., Marusic, S., Mehmani, B., Marusic, A.

2021; 34 (2): 187-197

- **Predictors of academic success and aspirations in secondary nursing education: A cross-sectional study in Croatia** *NURSE EDUCATION TODAY*  
Bokan, I., Buljan, I., Marusic, M., Malicki, M., Marusic, A.  
2020; 88: 104370
- **The effect of a combined intervention on exclusive breastfeeding in primiparas: A randomised controlled trial** *MATERNAL AND CHILD NUTRITION*  
Puharic, D., Malicki, M., Borovac, J., Sparac, V., Poljak, B., Aracic, N., Marinovic, N., Luetic, N., Zakarija-Grkovic, I.  
2020; 16 (3): e12948
- **Preprint Servers' Policies, Submission Requirements, and Transparency in Reporting and Research Integrity Recommendations.** *JAMA*  
Malicki, M., Jeronic, A., Ter Riet, G., Bouter, L. M., Ioannidis, J. P., Goodman, S. N., Aalbersberg, I. J.  
2020; 324 (18): 1901-3
- **The worldwide clinical trial research response to the COVID-19 pandemic - the first 100 days.** *F1000Research*  
Janiaud, P., Axfors, C., Van't Hooft, J., Saccilotto, R., Agarwal, A., Appenzeller-Herzog, C., Contopoulos-Ioannidis, D. G., Danchev, V., Dirnagl, U., Ewald, H., Gartlehner, G., Goodman, S. N., Haber, et al  
2020; 9: 1193
- **Journals' instructions to authors: A cross-sectional study across scientific disciplines** *PLOS ONE*  
Malicki, M., Aalbersberg, I. J., Bouter, L., ter Riet, G.  
2019; 14 (9): e0222157
- **Correcting duplicate publications: follow up study of MEDLINE tagged duplications** *BIOCHEMIA MEDICA*  
Malicki, M., Utrobicic, A., Marusic, A.  
2019; 29 (1): 010201
- **Perceptions of Ethical Climate and Research Pressures in Different Faculties of a University: Cross-Sectional Study at the University of Split, Croatia** *SCIENCE AND ENGINEERING ETHICS*  
Malicki, M., Katavic, V., Markovic, D., Marusic, M., Marusic, A.  
2019; 25 (1): 231-245
- **Effectiveness of treatment of newly diagnosed hypertension in family medicine practices in South Croatia** *BMC FAMILY PRACTICE*  
Juric, D., Pavlicevic, I., Marusic, A., Malicki, M., Buljan, I., Sarotic, V., Mrduljas-Dujic, N., Komparak, A., Vujevic, M., De Micheli-Vitturi, D., Susnjar, P., Puljiz, T., Jercic, et al  
2019; 20: 10
- **Frequency and format of clinical trial results dissemination to patients: a survey of authors of trials indexed in PubMed.** *BMJ open*  
Schroter, S. n., Price, A. n., Mali#ki, M. n., Richards, T. n., Clarke, M. n.  
2019; 9 (10): e032701
- **How to choose an evidence-based medicine knowledge test for medical students? Comparison of three knowledge measures** *BMC MEDICAL EDUCATION*  
Buljan, I., Jeronic, A., Malicki, M., Marusic, M., Marusic, A.  
2018; 18: 290
- **Letter to the editor in response to "No difference in knowledge obtained from infographic or plain language summary of a Cochrane systematic review: three randomized controlled trials" by Buljan et al. (2017) Response** *JOURNAL OF CLINICAL EPIDEMIOLOGY*  
Buljan, I., Malicki, M., Wager, E., Puljak, L., Hren, D., Kellie, F., West, H., Alfirevic, Z., Marusic, A.  
2018; 100: 133-134
- **Automatic recognition of self-acknowledged limitations in clinical research literature** *JOURNAL OF THE AMERICAN MEDICAL INFORMATICS ASSOCIATION*  
Kilicoglu, H., Rosemblat, G., Malicki, M., ter Riet, G.  
2018; 25 (7): 855-861
- **The Medical School of the Catholic University of Croatia: Principles, Goals, Standards and Organization.** *Acta medica academica*  
Sapunar, D., Marusic, M., Puljak, L., Grkovic, I., Malicki, M., Marusic, A., Civljak, M., Tanjic, Z.  
2018; 47 (1): 61-75
- **No difference in knowledge obtained from infographic or plain language summary of a Cochrane systematic review: three randomized controlled trials** *JOURNAL OF CLINICAL EPIDEMIOLOGY*

- Buljan, I., Malicki, M., Wager, E., Puljak, L., Hren, D., Kellie, F., West, H., Alfirevic, Z., Marusic, A.  
2018; 97: 86-94
- **Short- and long-term effects of retrieval practice on learning concepts in evidence-based medicine: Experimental study** *JOURNAL OF EVALUATION IN CLINICAL PRACTICE*  
Banozic, A., Buljan, I., Malicki, M., Marusic, M., Marusic, A.  
2018; 24 (1): 262-263
  - **Diagnostic Interview for Genetic Studies: validity and reliability of the Croatian version** *PSYCHIATRIC GENETICS*  
Kralj, Z., Dedic, M., Kovacevic, A., Malicki, M., Dedic, J., Pelivan, M., Vukovic, D., Fisher, C., Kember, R. L., Nurnberger, J., Bucan, M., Britvic, D.  
2017; 27 (1): 17-22
  - **Breastfeeding booklet and proactive phone calls for increasing exclusive breastfeeding rates: RCT protocol** *MATERNAL AND CHILD NUTRITION*  
Zakarija-Grkovic, I., Puharic, D., Malicki, M., Hoddinott, P.  
2017; 13 (1)
  - **Extent, Awareness and Perception of Dissemination Bias in Qualitative Research: An Explorative Survey** *PLOS ONE*  
Toews, I., Glenton, C., Lewin, S., Berg, R. C., Noyes, J., Booth, A., Marusic, A., Malicki, M., Munthe-Kaas, H. M., Meerpohl, J. J.  
2016; 11 (8): e0159290
  - **Association of trait and specific hopes: cross sectional study on students and workers of health professions in Split, Croatia** *PEERJ*  
Malicki, M., Markovic, D., Marusic, M.  
2016; 4: e1604
  - **Bias in dissemination of clinical research findings: structured OPEN framework of what, who and why, based on literature review and expert consensus** *BMJ OPEN*  
Bassler, D., Mueller, K. F., Briel, M., Kleijnen, J., Marusic, A., Wager, E., Antes, G., von Elm, E., Altman, D. G., Meerpohl, J. J., OPEN Consortium  
2016; 6 (1): e010024
  - **Decisional conflict and vaccine uptake: cross-sectional study of 2012/2013 influenza season in Croatia** *ARCHIVES OF MEDICAL SCIENCE*  
Pavlicevic, I., Skrabic, S., Malicki, M., Mercep, A., Marusic, M., Marusic, A.  
2015; 11 (4): 788-795
  - **Evidence-informed recommendations to reduce dissemination bias in clinical research: conclusions from the OPEN (Overcome failure to Publish nEgative fiNDings) project based on an international consensus meeting** *BMJ OPEN*  
Meerpohl, J. J., Schell, L. K., Bassler, D., Gallus, S., Kleijnen, J., Kulig, M., La Vecchia, C., Marusic, A., Ravaud, P., Reis, A., Schmucker, C., Strech, D., Urrutia, et al  
2015; 5 (5): e006666
  - **Is there a solution to publication bias? Researchers call for changes in dissemination of clinical research results** *JOURNAL OF CLINICAL EPIDEMIOLOGY*  
Malicki, M., Marusic, A., OPEN Overcome Failure Publish nEga  
2014; 67 (10): 1103-1110
  - **Study Design, Publication Outcome, and Funding of Research Presented at International Congresses on Peer Review and Biomedical Publication** *JAMA-JOURNAL OF THE AMERICAN MEDICAL ASSOCIATION*  
Malicki, M., von Elm, E., Marusic, A.  
2014; 311 (10): 1065-1067
  - **Editorial research and the publication process in biomedicine and health: Report from the Esteve Foundation Discussion Group, December 2012** *BIOCHEMIA MEDICA*  
Marusic, A., Malicki, M., von Elm, E., Esteve Fdn Discussion Grp  
2014; 24 (2): 211-216
  - **Teaching science throughout the six-year medical curriculum: two-year experience from the University of Split School of Medicine, Split, Croatia.** *Acta medica academica*  
Marusic, A., Malicki, M., Sambunjak, D., Jeroncic, A., Marusic, M.  
2014; 43 (1): 50-62
  - **Students' and parents' attitudes toward basic life support training in primary schools** *CROATIAN MEDICAL JOURNAL*  
Petric, J., Malicki, M., Markovic, D., Mestrovic, J.  
2013; 54 (4): 376-380

- **Students' satisfaction with their 1st year: cross-sectional study at the new Medical Studies in English Program at the University of Split School of Medicine**  
Valic, Z., Malicki, M., Bradaric, K., Bozic, J., Ljutic, D., Valic, M.  
FEDERATION AMER SOC EXP BIOL.2013
- **No health research without education for research - experience from an integrated course in undergraduate medical curriculum** *MEDICAL TEACHER*  
Marusic, A., Sambunjak, D., Jeroncic, A., Malicki, M., Marusic, M.  
2013; 35 (7): 609
- **Why do you think you should be the author on this manuscript? Analysis of open-ended responses of authors in a general medical journal** *BMC MEDICAL RESEARCH METHODOLOGY*  
Malicki, M., Jeroncic, A., Marusic, M., Marusic, A.  
2012; 12: 189
- **Professional achievements in medicine: too many unresolved questions.** *Acta medica academica*  
Jurcevic Kozina, S., Malicki, M.  
2012; 41 (1): 18-25

## PRESENTATIONS

- Meta-Research on Peer Review - ESO 2023 Workshop - Peer Review Under Review