Stanford



Mario Malički

Social Science Research Scholar, Epidemiology and Population Health

CONTACT INFORMATION

- **Alternate Contact**

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Bio

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 was a postdoc at AMC and ASUS Amsterdam, Netherlands, and from 2020-2022 at the Meta-Research Innovation Center at Stanford (METRICS). I was a Co-Editor-in-Chief of Research Integrity and Peer Review journal (RIPR) from 2019 to 2025. I am currently an Associate Director of Stanford Program on Research Rigor and Reproducibility (SPORR).

ACADEMIC APPOINTMENTS

- Social Science Research Scholar, Epidemiology and Population Health

BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Peer Review Committee Member, EASE (2019 - 2023)
- Editorial Board Member, European Science Editing (ESE) (2021 - present)
- Peer Review Committee Chair, EASE (2023 - present)
- Advisory Board Member, ResearchHub (2025 - present)

PROFESSIONAL EDUCATION

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

COMMUNITY AND INTERNATIONAL WORK

- Editor in Chief or RIPR journal

LINKS

- Google Scholar Profile: https://scholar.google.com/citations?user=N_Ap1_AAAAAJ&hl=en
- WoS/Publons Profile: https://publons.com/researcher/329329/mario-malicki/

Research & Scholarship

RESEARCH INTERESTS

- Assessment, Testing and Measurement
- Data Sciences
- Gender Issues
- Research Methods
- Science Education
- Standards

Publications

PUBLICATIONS

- **Highlighting Rigor, Reproducibility, and Transparency of Research in an Academic CV.** *Clinical and translational science*
  Malički, M., Chandler, Z., Goodman, S. N.
  2026; 19 (6): e70575

- **Published peer review reports have higher informative content than unpublished reports** *JOURNAL OF INFORMETRICS*
  Alvarez-Garcia, E., Garcia-Costa, D., Squazzoni, F., Malicki, M., Mehmani, B., Grimaldo, F.
  2026; 20 (1)

- **Peer review types in European Association of Science Editors** *EUROPEAN SCIENCE EDITING*
  Malicki, M., Ferrouhi, E., Prodanova, H., Semerci, S., Kotyk, T., Mncube, S.
  2026; 52

- **Registration and reporting of clinical trials affiliated with California universities and with primary completion date from 2014 to 2017.** *Trials*
  Malički, M., Nachev, V., Wieschowski, S., Hildebrand, N., Gestrich, S., Yerunkar, S., Zavalis, E., Carlisle, B. G., Franzen, D. L., Salholz-Hillel, M., Goodman, S. N., Strech, D.
  2025

- **Differences Between Nursing Studies Posted as Preprints on medRxiv or SSRN and Published in Peer-Reviewed Journals.** *International nursing review*
  Mikulić, I., Puharić, D., Malički, M.
  2025; 72 (3): e70088

- **Structured peer review: pilot results from 23 Elsevier journals.** *PeerJ*
  Malički, M., Mehmani, B.
  2024; 12: e17514

- **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., Malički, 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., Malički, M., Goodman, S. N.
  2024; 8 (1): e45
- **Structured peer review: implementation and checklist development** *EUROPEAN SCIENCE EDITING*
  Mehmani, B., Malicki, M.
  2024; 50
- **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. P. 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., Malički, 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., Rosemblat, 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*
  Malički, 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., Jeroncic, 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., Malički, 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., Jeroncic, 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