

# Thomas A Trikalinos

## List of Publications by Year in descending order

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Version: 2024-02-01

127  
papers

14,456  
citations

38742

50  
h-index

19749

117  
g-index

132  
all docs

132  
docs citations

132  
times ranked

21230  
citing authors

#	ARTICLE	IF	CITATIONS
1	Patient-centred outcomes of imaging tests: recommendations for patients, clinicians and researchers. <i>BMJ Quality and Safety</i> , 2023, 32, 536-545.	3.7	4
2	Forecasting COVID-19 and Analyzing the Effect of Government Interventions. <i>Operations Research</i> , 2023, 71, 184-201.	1.9	16
3	Semi-automated Tools for Systematic Searches. <i>Methods in Molecular Biology</i> , 2022, 2345, 17-40.	0.9	4
4	Assessments of the Value of New Interventions Should Include Health Equity Impact. <i>Pharmacoeconomics</i> , 2022, 40, 489-495.	3.3	5
5	BayCANN: Streamlining Bayesian Calibration With Artificial Neural Network Metamodeling. <i>Frontiers in Physiology</i> , 2021, 12, 662314.	2.8	8
6	Treatments for primary squamous cell carcinoma and squamous cell carcinoma in situ of the skin: A systematic review and network meta-analysis. <i>Journal of the American Academy of Dermatology</i> , 2020, 82, 479-482.	1.2	4
7	Active learning for efficiently training emulators of computationally expensive mathematical models. <i>Statistics in Medicine</i> , 2020, 39, 3521-3548.	1.6	6
8	A CD-based Mapping Method for Combining Multiple Related Parameters from Heterogeneous Intervention Trials. <i>Statistics and Its Interface</i> , 2020, 13, 533-549.	0.3	12
9	The Problem With Mechanistic Risk of Bias Assessments in Evidence Synthesis of Observational Studies and a Practical Alternative: Assessing the Impact of Specific Sources of Potential Bias. <i>American Journal of Epidemiology</i> , 2019, 188, 1581-1585.	3.4	44
10	Quantifying how diagnostic test accuracy depends on threshold in a meta-analysis. <i>Statistics in Medicine</i> , 2019, 38, 4789-4803.	1.6	24
11	Leveraging Cumulative Network Meta-analysis and Value of Information Analysis to Understand the Evolving Value of Medical Research. <i>Medical Decision Making</i> , 2019, 39, 119-129.	2.4	5
12	Psychometric Properties of Functional, Ambulatory, and Quality of Life Instruments in Lower Limb Amputees: A Systematic Review. <i>Archives of Physical Medicine and Rehabilitation</i> , 2019, 100, 2354-2370.	0.9	19
13	Adverse Events Associated with Nonsurgical Treatments for Urinary Incontinence in Women: a Systematic Review. <i>Journal of General Internal Medicine</i> , 2019, 34, 1615-1625.	2.6	4
14	Comparison of Machine Learning Optimal Classification Trees With the Pediatric Emergency Care Applied Research Network Head Trauma Decision Rules. <i>JAMA Pediatrics</i> , 2019, 173, 648.	6.2	24
15	Different evidence summaries have implications for contextualizing findings of meta-analysis of diagnostic tests. <i>Journal of Clinical Epidemiology</i> , 2019, 109, 51-61.	5.0	1
16	Pharmacologic and Nonpharmacologic Treatments for Urinary Incontinence in Women. <i>Annals of Internal Medicine</i> , 2019, 170, 465.	3.9	48
17	AHRQ EPC Series on Improving Translation of Evidence: Web-Based Interactive Presentation of Systematic Review Reports. <i>Joint Commission Journal on Quality and Patient Safety</i> , 2019, 45, 629-638.	0.7	4
18	Real-Time Emergency Department Electronic Notifications Regarding High-Risk Patients: A Systematic Review. <i>Telemedicine Journal and E-Health</i> , 2019, 25, 604-618.	2.8	3

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19	Optimal healthcare decision making under multiple mathematical models: application in prostate cancer screening. <i>Health Care Management Science</i> , 2018, 21, 105-118.	2.6	24
20	Propensity Score-Based Methods in Comparative Effectiveness Research on Coronary Artery Disease. <i>American Journal of Epidemiology</i> , 2018, 187, 1064-1078.	3.4	6
21	Future Directions for Cost-effectiveness Analyses in Health and Medicine. <i>Medical Decision Making</i> , 2018, 38, 767-777.	2.4	58
22	Comparative Effectiveness and Safety of Bariatric Procedures in Medicare-Eligible Patients. <i>JAMA Surgery</i> , 2018, 153, e183326.	4.3	27
23	Treatments of Primary Basal Cell Carcinoma of the Skin. <i>Annals of Internal Medicine</i> , 2018, 169, 456-466.	3.9	76
24	Strategies for improving the lives of US women aged 40 and above living with HIV/AIDS: an evidence map. <i>Systematic Reviews</i> , 2018, 7, 25.	5.3	4
25	Univariate and bivariate likelihood-based meta-analysis methods performed comparably when marginal sensitivity and specificity were the targets of inference. <i>Journal of Clinical Epidemiology</i> , 2017, 83, 8-17.	5.0	5
26	Validation and calibration of structural models that combine information from multiple sources. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2017, 17, 27-37.	1.4	1
27	<i>OpenMEE</i> : Intuitive, open-source software for meta-analysis in ecology and evolutionary biology. <i>Methods in Ecology and Evolution</i> , 2017, 8, 941-947.	5.2	267
28	Cost-effectiveness of Testing and Treatment for Latent Tuberculosis Infection in Residents Born Outside the United States With and Without Medical Comorbidities in a Simulation Model. <i>JAMA Internal Medicine</i> , 2017, 177, 1755.	5.1	53
29	An exploration of crowdsourcing citation screening for systematic reviews. <i>Research Synthesis Methods</i> , 2017, 8, 366-386.	8.7	39
30	10. Systematic Reviews with Study-Level and Individual Patient-Level Data. , 2017, , 299-340.		0
31	Recommendations for the Conduct and Reporting of Modeling and Simulation Studies in Health Technology Assessment. <i>Annals of Internal Medicine</i> , 2016, 165, 575.	3.9	12
32	Recommendations for Conduct, Methodological Practices, and Reporting of Cost-effectiveness Analyses. <i>JAMA - Journal of the American Medical Association</i> , 2016, 316, 1093.	7.4	2,149
33	Oral Mechanical Bowel Preparation for Colorectal Surgery. <i>Diseases of the Colon and Rectum</i> , 2015, 58, 698-707.	1.3	80
34	Do Statins Impair Cognition? A Systematic Review and Meta-Analysis of Randomized Controlled Trials. <i>Journal of General Internal Medicine</i> , 2015, 30, 348-358.	2.6	176
35	Using data sources beyond PubMed has a modest impact on the results of systematic reviews of therapeutic interventions. <i>Journal of Clinical Epidemiology</i> , 2015, 68, 1076-1084.	5.0	120
36	Constructions for a bivariate beta distribution. <i>Statistics and Probability Letters</i> , 2015, 96, 54-60.	0.7	37

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37	Bayesian network meta-analysis for unordered categorical outcomes with incomplete data. <i>Research Synthesis Methods</i> , 2014, 5, 162-185.	8.7	14
38	An empirical comparison of univariate and multivariate meta-analyses for categorical outcomes. <i>Statistics in Medicine</i> , 2014, 33, 1441-1459.	1.6	43
39	Cranial radiation for pediatric T-lineage acute lymphoblastic leukemia: A systematic review and meta-analysis. <i>American Journal of Hematology</i> , 2014, 89, 992-997.	4.1	21
40	Automatically Annotating Topics in Transcripts of Patient-Provider Interactions via Machine Learning. <i>Medical Decision Making</i> , 2014, 34, 503-512.	2.4	11
41	Addressing Multimorbidity in Evidence Integration and Synthesis. <i>Journal of General Internal Medicine</i> , 2014, 29, 661-669.	2.6	10
42	A large-scale quantitative analysis of latent factors and sentiment in online doctor reviews. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2014, 21, 1098-1103.	4.4	99
43	Indirect Treatment Comparison/Network Meta-Analysis Study Questionnaire to Assess Relevance and Credibility to Inform Health Care Decision Making: An ISPOR-AMCP-NPC Good Practice Task Force Report. <i>Value in Health</i> , 2014, 17, 157-173.	0.3	248
44	Methods for the joint meta-analysis of multiple tests. <i>Research Synthesis Methods</i> , 2014, 5, 294-312.	8.7	25
45	Genotype Misclassification in Genetic Association Studies of the rs1042522 TP53 (Arg72Pro) Polymorphism: A Systematic Review of Studies of Breast, Lung, Colorectal, Ovarian, and Endometrial Cancer. <i>American Journal of Epidemiology</i> , 2013, 177, 1317-1325.	3.4	48
46	Dose of Erythropoiesis-Stimulating Agents and Adverse Outcomes in CKD: A Metaregression Analysis. <i>American Journal of Kidney Diseases</i> , 2013, 61, 44-56.	1.9	170
47	Comparative efficacy of first-line therapies for advanced-stage chronic lymphocytic leukemia: A multiple-treatment meta-analysis. <i>Cancer Treatment Reviews</i> , 2013, 39, 340-349.	7.7	14
48	Modernizing the systematic review process to inform comparative effectiveness: tools and methods. <i>Journal of Comparative Effectiveness Research</i> , 2013, 2, 273-282.	1.4	36
49	Empirical evaluation of meta-analytic approaches for nutrient and health outcome dose-response data. <i>Research Synthesis Methods</i> , 2013, 4, 256-268.	8.7	10
50	Survey of the methods and reporting practices in published meta-analyses of test performance: 1987 to 2009. <i>Research Synthesis Methods</i> , 2013, 4, 242-255.	8.7	9
51	Meta-analysis of effect sizes reported at multiple time points: A multivariate approach. <i>Clinical Trials</i> , 2012, 9, 610-620.	1.6	44
52	Electrocardiogram Screening for Disorders That Cause Sudden Cardiac Death in Asymptomatic Children: A Meta-analysis. <i>Pediatrics</i> , 2012, 129, e999-e1010.	2.1	73
53	Do observational studies using propensity score methods agree with randomized trials? A systematic comparison of studies on acute coronary syndromes. <i>European Heart Journal</i> , 2012, 33, 1893-1901.	2.2	178
54	Meta-analysis of genome-wide linkage scans for renal function traits. <i>Nephrology Dialysis Transplantation</i> , 2012, 27, 647-656.	0.7	13

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55	Concordance of randomized and nonrandomized studies was unrelated to translational patterns of two nutrient-disease associations. <i>Journal of Clinical Epidemiology</i> , 2012, 65, 16-29.	5.0	15
56	GOSH â€“ a graphical display of study heterogeneity. <i>Research Synthesis Methods</i> , 2012, 3, 214-223.	8.7	154
57	Toward modernizing the systematic review pipeline in genetics: efficient updating via data mining. <i>Genetics in Medicine</i> , 2012, 14, 663-669.	2.4	56
58	Chapter 10: Deciding Whether to Complement a Systematic Review of Medical Tests with Decision Modeling. <i>Journal of General Internal Medicine</i> , 2012, 27, 76-82.	2.6	10
59	Chapter 8: Meta-analysis of Test Performance When There is a â€œGold Standardâ€. <i>Journal of General Internal Medicine</i> , 2012, 27, 56-66.	2.6	79
60	Chapter 9: Options for Summarizing Medical Test Performance in the Absence of a â€œGold Standardâ€. <i>Journal of General Internal Medicine</i> , 2012, 27, 67-75.	2.6	47
61	Cranial Irradiation for Pediatric T-Lineage Acute Lymphoblastic Leukemia: A Systematic Review and Meta-Analysis.. <i>Blood</i> , 2012, 120, 2580-2580.	1.4	0
62	Conducting quantitative synthesis when comparing medical interventions: AHRQ and the Effective Health Care Program. <i>Journal of Clinical Epidemiology</i> , 2011, 64, 1187-1197.	5.0	447
63	Systematic Review: Antiâ€œEpidermal Growth Factor Receptor Treatment Effect Modification by <i>KRAS</i> Mutations in Advanced Colorectal Cancer. <i>Annals of Internal Medicine</i> , 2011, 154, 37.	3.9	155
64	Vitamin D With or Without Calcium Supplementation for Prevention of Cancer and Fractures: An Updated Meta-analysis for the U.S. Preventive Services Task Force. <i>Annals of Internal Medicine</i> , 2011, 155, 827.	3.9	354
65	Class Imbalance, Redux. , 2011, , .		108
66	Drug and Device Effects on Peak Oxygen Consumption, 6-Minute Walk Distance, and Natriuretic Peptides as Predictors of Therapeutic Effects on Mortality in Patients With Heart Failure and Reduced Ejection Fraction. <i>Circulation: Heart Failure</i> , 2011, 4, 578-588.	3.9	43
67	Heterogeneity of the Phenotypic Definition of Coronary Artery Disease and Its Impact on Genetic Association Studies. <i>Circulation: Cardiovascular Genetics</i> , 2011, 4, 58-67.	5.1	30
68	The Empirical Basis for Determinations of Medical Futility. <i>Journal of General Internal Medicine</i> , 2010, 25, 1083-1089.	2.6	56
69	A Lesson From the Zuni Indians: Heritability in Perspective. <i>American Journal of Kidney Diseases</i> , 2010, 56, 251-254.	1.9	1
70	Nomogram can help estimate risk of serious hyperbilirubinemia in healthy infants. <i>Journal of Pediatrics</i> , 2010, 156, 508-509.	1.8	0
71	The COPD genetic association compendium: a comprehensive online database of COPD genetic associations. <i>Human Molecular Genetics</i> , 2010, 19, 526-534.	2.9	118
72	Systematic review to support the development of nutrient reference intake values: challenges and solutions. <i>American Journal of Clinical Nutrition</i> , 2010, 92, 273-276.	4.7	22

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73	Quantitative Evaluation of Drug or Device Effects on Ventricular Remodeling as Predictors of Therapeutic Effects on Mortality in Patients With Heart Failure and Reduced Ejection Fraction. <i>Journal of the American College of Cardiology</i> , 2010, 56, 392-406.	2.8	387
74	Paraoxonase 1 polymorphisms and ischemic stroke risk: A systematic review and meta-analysis. <i>Genetics in Medicine</i> , 2010, 12, 606-615.	2.4	51
75	Systematic Review: Vitamin D and Cardiometabolic Outcomes. <i>Annals of Internal Medicine</i> , 2010, 152, 307.	3.9	614
76	Systematic Review of Screening for Bilirubin Encephalopathy in Neonates. <i>Pediatrics</i> , 2009, 124, 1162-1171.	2.1	63
77	Does it mean anything if your own name is wrong in your published paper?. <i>FASEB Journal</i> , 2009, 23, 2345-2348.	0.5	7
78	Reporting of systematic reviews of micronutrients and health: a critical appraisal. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 1099-1113.	4.7	39
79	Therapeutic Innovations, Diminishing Returns, and Control Rate Preservation. <i>JAMA - Journal of the American Medical Association</i> , 2009, 302, 2254.	7.4	25
80	Are Unadjusted Analyses of Clinical Trials Inappropriately Biased Toward the Null?. <i>Stroke</i> , 2009, 40, 672-673.	2.0	18
81	Decision-Analytic Modeling to Evaluate Benefits and Harms of Medical Tests: Uses and Limitations. <i>Medical Decision Making</i> , 2009, 29, E22-E29.	2.4	73
82	Opportunities and challenges in conducting systematic reviews to support the development of nutrient reference values: vitamin A as an example. <i>American Journal of Clinical Nutrition</i> , 2009, 89, 728-733.	4.7	39
83	Inconsistencies in a Study of Rifampicinâ€Miconazoleâ€Impregnated Catheters versus Standard Catheters. <i>Clinical Infectious Diseases</i> , 2009, 48, 841-842.	5.8	3
84	Statistical Considerations in Meta-analysis. <i>Infectious Disease Clinics of North America</i> , 2009, 23, 195-210.	5.1	24
85	Percutaneous coronary interventions for non-acute coronary artery disease: a quantitative 20-year synopsis and a network meta-analysis. <i>Lancet, The</i> , 2009, 373, 911-918.	13.7	215
86	Systematic Review: Charged-Particle Radiation Therapy for Cancer. <i>Annals of Internal Medicine</i> , 2009, 151, 556.	3.9	82
87	Effect of controlling for background diet in the interpretation of dietary fiber and plasma lipids relationship. <i>FASEB Journal</i> , 2009, 23, LB437.	0.5	0
88	A method for the metaâ€analysis of mutually exclusive binary outcomes. <i>Statistics in Medicine</i> , 2008, 27, 4279-4300.	1.6	42
89	Statins, Low-Density Lipoprotein Cholesterol, and Risk of Cancer. <i>Journal of the American College of Cardiology</i> , 2008, 52, 1141-1147.	2.8	99
90	Metaâ€Analysis Methods. <i>Advances in Genetics</i> , 2008, 60, 311-334.	1.8	110

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91	Inflated numbers of authors over time have not been just due to increasing research complexity. <i>Journal of Clinical Epidemiology</i> , 2008, 61, 546-551.	5.0	83
92	Large-scale analysis of association between polymorphisms in the transforming growth factor beta 1 gene (TGFB1) and osteoporosis: The GENOMOS study. <i>Bone</i> , 2008, 42, 969-981.	2.9	91
93	Reexamining the Emperor's New Clothes. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2008, 1, 134-137.	2.2	12
94	Large-Scale Analysis of Association Between <i>LRP5</i> and <i>LRP6</i> Variants and Osteoporosis. <i>JAMA - Journal of the American Medical Association</i> , 2008, 299, 1277.	7.4	246
95	Interventions in Primary Care to Promote Breastfeeding: An Evidence Review for the U.S. Preventive Services Task Force. <i>Annals of Internal Medicine</i> , 2008, 149, 565.	3.9	164
96	Evidence from crossover trials: empirical evaluation and comparison against parallel arm trials. <i>International Journal of Epidemiology</i> , 2007, 36, 422-430.	1.9	40
97	An exploratory test for an excess of significant findings. <i>Clinical Trials</i> , 2007, 4, 245-253.	1.6	555
98	Prosthesis Infection: Diagnosis after Total Joint Arthroplasty with Antigranulocyte Scintigraphy with <sup>99m</sup> Tc-labeled Monoclonal Antibodies—A Meta-Analysis. <i>Radiology</i> , 2007, 242, 101-108.	7.3	75
99	Impact of Schizophrenia Candidate Genes on Schizotypy and Cognitive Endophenotypes at the Population Level. <i>Biological Psychiatry</i> , 2007, 62, 784-792.	1.3	124
100	Bayesian meta-analysis and meta-regression for gene-disease associations and deviations from Hardy-Weinberg equilibrium. <i>Statistics in Medicine</i> , 2007, 26, 553-567.	1.6	28
101	Implications of Small Effect Sizes of Individual Genetic Variants on the Design and Interpretation of Genetic Association Studies of Complex Diseases. <i>American Journal of Epidemiology</i> , 2006, 164, 609-614.	3.4	218
102	Extreme between-study homogeneity in meta-analyses could offer useful insights. <i>Journal of Clinical Epidemiology</i> , 2006, 59, 1023-1032.	5.0	49
103	Self-Reported Health in High and Very High Incomes. <i>Quality of Life Research</i> , 2006, 15, 547-558.	3.1	9
104	Lack of replication of thirteen single-nucleotide polymorphisms implicated in Parkinson's disease: a large-scale international study. <i>Lancet Neurology</i> , The, 2006, 5, 917-923.	10.2	83
105	Family-Based versus Unrelated Case-Control Designs for Genetic Associations. <i>PLoS Genetics</i> , 2006, 2, e123.	3.5	45
106	Impact of Violations and Deviations in Hardy-Weinberg Equilibrium on Postulated Gene-Disease Associations. <i>American Journal of Epidemiology</i> , 2006, 163, 300-309.	3.4	251
107	Reply to Badri et al. on "Limited benefit of antiretroviral resistance testing in treatment-experienced patients: a meta-analysis". <i>Aids</i> , 2005, 19, 1336-1337.	2.2	0
108	Comparison of the diagnostic accuracy of lymphatic endothelium markers: Bayesian approach. <i>Modern Pathology</i> , 2005, 18, 1490-1497.	5.5	119



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109	Local Literature Bias in Genetic Epidemiology: An Empirical Evaluation of the Chinese Literature. <i>PLoS Medicine</i> , 2005, 2, e334.	8.4	151
110	Comparison of Large Versus Smaller Randomized Trials for Mental Health-Related Interventions. <i>American Journal of Psychiatry</i> , 2005, 162, 578-584.	7.2	32
111	Unavailability of online supplementary scientific information from articles published in major journals. <i>FASEB Journal</i> , 2005, 19, 1943-1944.	0.5	76
112	Early extreme contradictory estimates may appear in published research: The Proteus phenomenon in molecular genetics research and randomized trials. <i>Journal of Clinical Epidemiology</i> , 2005, 58, 543-549.	5.0	289
113	Decision Analysis With Markov Processes Supports Early Surgery for Large-Angle Infantile Esotropia. <i>American Journal of Ophthalmology</i> , 2005, 140, 886-893.e4.	3.3	6
114	Diagnosis of Sensorineural Hearing Loss with Neural Networks versus Logistic Regression Modeling of Distortion Product Otoacoustic Emissions. <i>Audiology and Neuro-Otology</i> , 2004, 9, 81-87.	1.3	6
115	'Racial' differences in genetic effects for complex diseases. <i>Nature Genetics</i> , 2004, 36, 1312-1318.	21.4	394
116	Establishment of genetic associations for complex diseases is independent of early study findings. <i>European Journal of Human Genetics</i> , 2004, 12, 762-769.	2.8	85
117	The role of Fc $\gamma$ RIIA and IIIA polymorphisms in autoimmune diseases. <i>Biomedicine and Pharmacotherapy</i> , 2004, 58, 286-291.	5.6	53
118	Effect sizes in cumulative meta-analyses of mental health randomized trials evolved over time. <i>Journal of Clinical Epidemiology</i> , 2004, 57, 1124-1130.	5.0	166
119	Limited benefit of antiretroviral resistance testing in treatment-experienced patients. <i>Aids</i> , 2004, 18, 2153-2161.	2.2	44
120	The Fc $\gamma$ RIIIA-F158 allele is a risk factor for the development of lupus nephritis: A meta-analysis. <i>Kidney International</i> , 2003, 63, 1475-1482.	5.2	122
121	Genetic associations in large versus small studies: an empirical assessment. <i>Lancet</i> , The, 2003, 361, 567-571.	13.7	558
122	HIV Lipodystrophy Case Definition using Artificial Neural Network Modelling. <i>Antiviral Therapy</i> , 2003, 8, 435-441.	1.0	11
123	Electrocardiogram-gated single-photon emission computed tomography versus cardiac magnetic resonance imaging for the assessment of left ventricular volumes and ejection fraction. <i>Journal of the American College of Cardiology</i> , 2002, 39, 2059-2068.	2.8	118
124	Role of the Fc $\gamma$ receptor IIa polymorphism in susceptibility to systemic lupus erythematosus and lupus nephritis: A meta-analysis. <i>Arthritis and Rheumatism</i> , 2002, 46, 1563-1571.	6.7	179
125	Association of Polymorphisms of the Estrogen Receptor $\beta$ Gene With Bone Mineral Density and Fracture Risk in Women: A Meta-Analysis. <i>Journal of Bone and Mineral Research</i> , 2002, 17, 2048-2060.	2.8	182
126	Predictive modeling and heterogeneity of baseline risk in meta-analysis of individual patient data. <i>Journal of Clinical Epidemiology</i> , 2001, 54, 245-252.	5.0	46



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127	Replication validity of genetic association studies. Nature Genetics, 2001, 29, 306-309.	21.4	1,721