

Hendrik Koffijberg

List of Publications by Year in descending order

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Version: 2024-02-01

106
papers

3,806
citations

218662

26
h-index

138468

58
g-index

107
all docs

107
docs citations

107
times ranked

8056
citing authors

#	ARTICLE	IF	CITATIONS
1	Common Carotid Intima-Media Thickness Measurements in Cardiovascular Risk Prediction. JAMA - Journal of the American Medical Association, 2012, 308, 796.	7.4	622
2	A new framework to enhance the interpretation of external validation studies of clinical prediction models. Journal of Clinical Epidemiology, 2015, 68, 279-289.	5.0	395
3	Individual Participant Data Meta-Analysis for a Binary Outcome: One-Stage or Two-Stage?. PLoS ONE, 2013, 8, e60650.	2.5	157
4	A framework for developing, implementing, and evaluating clinical prediction models in an individual participant data meta-analysis. Statistics in Medicine, 2013, 32, 3158-3180.	1.6	153
5	Robot-assisted minimally invasive thoraco-laparoscopic esophagectomy versus open transthoracic esophagectomy for resectable esophageal cancer, a randomized controlled trial (ROBOT trial). Trials, 2012, 13, 230.	1.6	152
6	Effect of Using the HEART Score in Patients With Chest Pain in the Emergency Department. Annals of Internal Medicine, 2017, 166, 689.	3.9	149
7	Imputation of systematically missing predictors in an individual participant data meta-analysis: a generalized approach using MICE. Statistics in Medicine, 2015, 34, 1841-1863.	1.6	135
8	Multiple imputation of missing repeated outcome measurements did not add to linear mixed-effects models. Journal of Clinical Epidemiology, 2012, 65, 686-695.	5.0	121
9	Emerging Use of Early Health Technology Assessment in Medical Product Development: A Scoping Review of the Literature. Pharmacoeconomics, 2017, 35, 727-740.	3.3	116
10	Value of Information Analysis for Research Decisions—An Introduction: Report 1 of the ISPOR Value of Information Analysis Emerging Good Practices Task Force. Value in Health, 2020, 23, 139-150.	0.3	105
11	A closed testing procedure to select an appropriate method for updating prediction models. Statistics in Medicine, 2017, 36, 4529-4539.	1.6	102
12	Optimal screening strategy for familial intracranial aneurysms. Neurology, 2010, 74, 1671-1679.	1.1	90
13	Cost-Effectiveness of Aspirin Treatment in the Primary Prevention of Cardiovascular Disease Events in Subgroups Based on Age, Gender, and Varying Cardiovascular Risk. Circulation, 2008, 117, 2875-2883.	1.6	89
14	Value of Information Analytical Methods: Report 2 of the ISPOR Value of Information Analysis Emerging Good Practices Task Force. Value in Health, 2020, 23, 277-286.	0.3	75
15	Growth rates of intracranial aneurysms: exploring constancy. Journal of Neurosurgery, 2008, 109, 176-185.	1.6	70
16	Meta-analysis and aggregation of multiple published prediction models. Statistics in Medicine, 2014, 33, 2341-2362.	1.6	55
17	The impact of the HEART risk score in the early assessment of patients with acute chest pain: design of a stepped wedge, cluster randomised trial. BMC Cardiovascular Disorders, 2013, 13, 77.	1.7	52
18	Prospective Validation of a Prognostic Model for Respiratory Syncytial Virus Bronchiolitis in Late Preterm Infants: A Multicenter Birth Cohort Study. PLoS ONE, 2013, 8, e59161.	2.5	51

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19	The Value of Diagnostic Information in Personalised Healthcare: A Comprehensive Concept to Facilitate Bringing This Technology into Healthcare Systems. <i>Public Health Genomics</i> , 2019, 22, 8-15.	1.0	49
20	Aggregating published prediction models with individual participant data: a comparison of different approaches. <i>Statistics in Medicine</i> , 2012, 31, 2697-2712.	1.6	47
21	Cost-Effectiveness of Magnetic Resonance Angiography Versus Intra-arterial Digital Subtraction Angiography to Follow-Up Patients With Coiled Intracranial Aneurysms. <i>Stroke</i> , 2010, 41, 1736-1742.	2.0	43
22	Effectiveness and costs of screening for aneurysms every 5 years after subarachnoid hemorrhage. <i>Neurology</i> , 2008, 70, 2053-2062.	1.1	41
23	Excess Mortality and Cardiovascular Events in Patients Surviving Subarachnoid Hemorrhage. <i>Stroke</i> , 2011, 42, 902-907.	2.0	41
24	Detecting Blood-Based Biomarkers in Metastatic Breast Cancer: A Systematic Review of Their Current Status and Clinical Utility. <i>International Journal of Molecular Sciences</i> , 2017, 18, 363.	4.1	39
25	Point-of-care testing in primary care: A systematic review on implementation aspects addressed in test evaluations. <i>International Journal of Clinical Practice</i> , 2019, 73, e13392.	1.7	36
26	External Validation of Models Predicting the Probability of Lymph Node Involvement in Prostate Cancer Patients. <i>European Urology Oncology</i> , 2018, 1, 411-417.	5.4	31
27	Lung cancer risk at low cumulative asbestos exposure: meta-regression of the exposure-response relationship. <i>Cancer Causes and Control</i> , 2013, 24, 1-12.	1.8	27
28	The need to balance merits and limitations from different disciplines when considering the stepped wedge cluster randomized trial design. <i>BMC Medical Research Methodology</i> , 2015, 15, 93.	3.1	27
29	A systematic review and checklist presenting the main challenges for health economic modeling in personalized medicine: towards implementing patient-level models. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2017, 17, 17-25.	1.4	25
30	Aiming for a representative sample: Simulating random versus purposive strategies for hospital selection. <i>BMC Medical Research Methodology</i> , 2015, 15, 90.	3.1	24
31	Systematic Review of Health Economic Evaluations Focused on Artificial Intelligence in Healthcare: The Tortoise and the Cheetah. <i>Value in Health</i> , 2022, 25, 340-349.	0.3	23
32	How to estimate the health benefits of additional research and changing clinical practice. <i>BMJ</i> , The, 2015, 351, h5987.	6.0	21
33	The cost-effectiveness of point-of-care D-dimer tests compared with a laboratory test to rule out deep venous thrombosis in primary care. <i>Expert Review of Molecular Diagnostics</i> , 2015, 15, 125-136.	3.1	21
34	Cost-effectiveness of rule-based immunoprophylaxis against respiratory syncytial virus infections in preterm infants. <i>European Journal of Pediatrics</i> , 2018, 177, 133-144.	2.7	21
35	Cost-effectiveness of procalcitonin testing to guide antibiotic treatment duration in critically ill patients: results from a randomised controlled multicentre trial in the Netherlands. <i>Critical Care</i> , 2018, 22, 293.	5.8	21
36	Understanding the adoption and use of point-of-care tests in Dutch general practices using multi-criteria decision analysis. <i>BMC Family Practice</i> , 2019, 20, 8.	2.9	21

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37	The cost-utility of point-of-care troponin testing to diagnose acute coronary syndrome in primary care. <i>BMC Cardiovascular Disorders</i> , 2017, 17, 213.	1.7	20
38	From accuracy to patient outcome and cost-effectiveness evaluations of diagnostic tests and biomarkers: an exemplary modelling study. <i>BMC Medical Research Methodology</i> , 2013, 13, 12.	3.1	19
39	Accounting for parameter uncertainty in the definition of parametric distributions used to describe individual patient variation in health economic models. <i>BMC Medical Research Methodology</i> , 2017, 17, 170.	3.1	19
40	Matching the model with the evidence: comparing discrete event simulation and state-transition modeling for time-to-event predictions in a cost-effectiveness analysis of treatment in metastatic colorectal cancer patients. <i>Cancer Epidemiology</i> , 2018, 57, 60-67.	1.9	18
41	Health Economic Evidence of Point-of-Care Testing: A Systematic Review. <i>PharmacoEconomics - Open</i> , 2021, 5, 157-173.	1.8	16
42	A cost-effectiveness analysis of screening for intracranial aneurysms in persons with one first-degree relative with subarachnoid haemorrhage. <i>European Stroke Journal</i> , 2016, 1, 320-329.	5.5	15
43	A new selection method to increase the health benefits of CVD prevention strategies. <i>European Journal of Preventive Cardiology</i> , 2018, 25, 642-650.	1.8	15
44	Validation and update of a lymph node metastasis prediction model for breast cancer. <i>European Journal of Surgical Oncology</i> , 2018, 44, 700-707.	1.0	15
45	Using expert elicitation to estimate the potential impact of improved diagnostic performance of laboratory tests: a case study on rapid discharge of suspected non-â€‘ST elevation myocardial infarction patients. <i>Journal of Evaluation in Clinical Practice</i> , 2018, 24, 31-41.	1.8	15
46	Cost-effectiveness analysis of the 70-gene signature compared with clinical assessment in breast cancer based on a randomised controlled trial. <i>European Journal of Cancer</i> , 2020, 137, 193-203.	2.8	15
47	Incorporating published univariable associations in diagnostic and prognostic modeling. <i>BMC Medical Research Methodology</i> , 2012, 12, 121.	3.1	14
48	Cause-specific mortality and years of life lost in patients with different manifestations of vascular disease. <i>European Journal of Preventive Cardiology</i> , 2016, 23, 160-169.	1.8	14
49	Real-world data on discordance between estrogen, progesterone, and HER2 receptor expression on diagnostic tumor biopsy versus tumor resection material. <i>Breast Cancer Research and Treatment</i> , 2019, 175, 451-458.	2.5	14
50	The ethics of cluster-randomized trials requires further evaluation: a refinement of the Ottawa Statement. <i>Journal of Clinical Epidemiology</i> , 2015, 68, 1108-1114.	5.0	13
51	Variation in the time to treatment for stage III and IV non-small cell lung cancer patients for hospitals in the Netherlands. <i>Lung Cancer</i> , 2019, 134, 34-41.	2.0	13
52	Effectiveness, benefit harm and cost effectiveness of colorectal cancer screening in Austria. <i>BMC Gastroenterology</i> , 2019, 19, 209.	2.0	13
53	Development and validation of clinical prediction models: Marginal differences between logistic regression, penalized maximum likelihood estimation, and genetic programming. <i>Journal of Clinical Epidemiology</i> , 2012, 65, 404-412.	5.0	12
54	Long-term health benefits and costs of measurement of carotid intima-â€‘media thickness in prevention of coronary heart disease. <i>Journal of Hypertension</i> , 2013, 31, 782-790.	0.5	12

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55	Facilitating validation of prediction models: a comparison of manual and semi-automated validation using registry-based data of breast cancer patients in the Netherlands. <i>BMC Medical Research Methodology</i> , 2019, 19, 117.	3.1	12
56	Real-World Utilization of Biomarker Testing for Patients with Advanced Non-Small Cell Lung Cancer in a Tertiary Referral Center and Referring Hospitals. <i>Journal of Molecular Diagnostics</i> , 2021, 23, 484-494.	2.8	12
57	Assessing performance of a randomized versus a non-randomized study design. <i>Contemporary Clinical Trials</i> , 2008, 29, 293-303.	1.8	11
58	Can we increase efficiency of CT lung cancer screening by combining with CVD and COPD screening? Results of an early economic evaluation. <i>European Radiology</i> , 2022, 32, 3067-3075.	4.5	11
59	Cost-effectiveness of renal denervation therapy for the treatment of resistant hypertension in The Netherlands. <i>Journal of Medical Economics</i> , 2015, 18, 76-87.	2.1	10
60	Cost-effectiveness of screening strategies to detect heart failure in patients with type 2 diabetes. <i>Cardiovascular Diabetology</i> , 2016, 15, 48.	6.8	10
61	Value of Information Choices that Influence Estimates: A Systematic Review of Prevailing Considerations. <i>Medical Decision Making</i> , 2018, 38, 888-900.	2.4	10
62	A scoping review of metamodeling applications and opportunities for advanced health economic analyses. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2019, 19, 181-187.	1.4	10
63	Comparing Strategies for Modeling Competing Risks in Discrete-Event Simulations: A Simulation Study and Illustration in Colorectal Cancer. <i>Medical Decision Making</i> , 2019, 39, 57-73.	2.4	10
64	Health Economic Models for Metastatic Colorectal Cancer: A Methodological Review. <i>Pharmacoeconomics</i> , 2020, 38, 683-713.	3.3	10
65	External validation of the Memorial Sloan Kettering Cancer Centre and Briganti nomograms for the prediction of lymph node involvement of prostate cancer using clinical stage assessed by magnetic resonance imaging. <i>BJU International</i> , 2021, 128, 236-243.	2.5	10
66	Assessing the cost-effectiveness of a routine versus an extensive laboratory work-up in the diagnosis of anaemia in Dutch general practice. <i>Annals of Clinical Biochemistry</i> , 2018, 55, 630-638.	1.6	9
67	The effectiveness of a routine versus an extensive laboratory analysis in the diagnosis of anaemia in general practice. <i>Annals of Clinical Biochemistry</i> , 2018, 55, 535-542.	1.6	9
68	The Impact of Decision Makers' Constraints on the Outcome of Value of Information Analysis. <i>Value in Health</i> , 2018, 21, 203-209.	0.3	9
69	Validation of multisource electronic health record data: an application to blood transfusion data. <i>BMC Medical Informatics and Decision Making</i> , 2017, 17, 107.	3.0	8
70	Introduction to Metamodeling for Reducing Computational Burden of Advanced Analyses with Health Economic Models: A Structured Overview of Metamodeling Methods in a 6-Step Application Process. <i>Medical Decision Making</i> , 2020, 40, 348-363.	2.4	8
71	Whole genome sequencing in oncology: using scenario drafting to explore future developments. <i>BMC Cancer</i> , 2021, 21, 488.	2.6	8
72	Applying Risk-Based Follow-Up Strategies on the Dutch Breast Cancer Population: Consequences for Care and Costs. <i>Value in Health</i> , 2020, 23, 1149-1156.	0.3	8

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73	Real-world data reveals the complexity of disease modifying anti-rheumatic drug treatment patterns in juvenile idiopathic arthritis: an observational study. <i>Pediatric Rheumatology</i> , 2022, 20, 25.	2.1	8
74	Enhancing Value of Information Analyses. <i>Value in Health</i> , 2009, 12, 935-941.	0.3	7
75	Comparison of Timed Automata with Discrete Event Simulation for Modeling of Biomarker-Based Treatment Decisions: An Illustration for Metastatic Castration-Resistant Prostate Cancer. <i>Value in Health</i> , 2017, 20, 1411-1419.	0.3	7
76	Cost-Effectiveness Analysis of the DiagnOSAS Screening Tool Compared With Polysomnography Diagnosis in Dutch Primary Care. <i>Journal of Clinical Sleep Medicine</i> , 2018, 14, 1005-1015.	2.6	6
77	Toward Alignment in the Reporting of Economic Evaluations of Diagnostic Tests and Biomarkers: The AGREEDT Checklist. <i>Medical Decision Making</i> , 2018, 38, 778-788.	2.4	6
78	The Validity and Predictive Value of Blood-Based Biomarkers in Prediction of Response in the Treatment of Metastatic Non-Small Cell Lung Cancer: A Systematic Review. <i>Cancers</i> , 2020, 12, 1120.	3.7	6
79	Evaluation of Real-World Healthcare Resource Utilization and Associated Costs in Children with Juvenile Idiopathic Arthritis: A Canadian Retrospective Cohort Study. <i>Rheumatology and Therapy</i> , 2021, 8, 1303-1322.	2.3	6
80	Improving early exclusion of acute coronary syndrome in primary care: the added value of point-of-care troponin as stated by general practitioners. <i>Primary Health Care Research and Development</i> , 2017, 18, 386-397.	1.2	6
81	Do Intraindividual Variation in Disease Progression and the Ensuing Tight Window of Opportunity Affect Estimation of Screening Benefits?. <i>Medical Decision Making</i> , 2009, 29, 82-90.	2.4	4
82	Expected number of asbestos-related lung cancers in the Netherlands in the next two decades: a comparison of methods. <i>Occupational and Environmental Medicine</i> , 2016, 73, 342-349.	2.8	4
83	Methods to place a value on additional evidence are illustrated using a case study of corticosteroids after traumatic brain injury. <i>Journal of Clinical Epidemiology</i> , 2016, 70, 183-190.	5.0	4
84	Decision analytic modeling was useful to assess the impact of a prediction model on health outcomes before a randomized trial. <i>Journal of Clinical Epidemiology</i> , 2019, 115, 106-115.	5.0	4
85	Using Metamodeling to Identify the Optimal Strategy for Colorectal Cancer Screening. <i>Value in Health</i> , 2021, 24, 206-215.	0.3	4
86	Choosing a Metamodel of a Simulation Model for Uncertainty Quantification. <i>Medical Decision Making</i> , 2022, 42, 28-42.	2.4	4
87	Improving early diagnosis of cardiovascular disease in patients with type 2 diabetes and COPD: protocol of the RED-CVD cluster randomised diagnostic trial. <i>BMJ Open</i> , 2021, 11, e046330.	1.9	4
88	How to Realize the Benefits of Point-of-Care Testing at the General Practice: A Comparison of Four High-Income Countries. <i>International Journal of Health Policy and Management</i> , 2021, , .	0.9	4
89	Developing a dynamic simulation model to support the nationwide implementation of whole genome sequencing in lung cancer. <i>BMC Medical Research Methodology</i> , 2022, 22, 83.	3.1	4
90	An alternative approach identified optimal risk thresholds for treatment indication: an illustration in coronary heart disease. <i>Journal of Clinical Epidemiology</i> , 2018, 94, 122-131.	5.0	3

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91	Predicted burden could replace predicted risk in preventive strategies for cardiovascular disease. <i>Journal of Clinical Epidemiology</i> , 2018, 93, 103-111.	5.0	3
92	Evidence on the cost of breast cancer drugs is required for rational decision making. <i>E-cancer medical science</i> , 2018, 12, 825.	1.1	3
93	Simulating Progression-Free and Overall Survival for First-Line Doublet Chemotherapy With or Without Bevacizumab in Metastatic Colorectal Cancer Patients Based on Real-World Registry Data. <i>Pharmacoeconomics</i> , 2020, 38, 1263-1275.	3.3	3
94	Early health technology assessment of future clinical decision rule aided triage of patients presenting with acute chest pain in primary care. <i>Primary Health Care Research and Development</i> , 2018, 19, 176-188.	1.2	2
95	Comparing Modeling Approaches for Discrete Event Simulations With Competing Risks Based on Censored Individual Patient Data: A Simulation Study and Illustration in Colorectal Cancer. <i>Value in Health</i> , 2021, 25, 104-115.	0.3	2
96	Monitoring of rheumatoid arthritis: a patient survey on disease insight and possible added value of an innovative inflammation monitoring device. <i>Rheumatology International</i> , 2022, 42, 1565-1572.	3.0	2
97	Regarding: "Operative versus nonoperative treatment after primary traumatic anterior glenohumeral dislocation: expected-value decision analysis" appropriate assessment of uncertainty. <i>Journal of Shoulder and Elbow Surgery</i> , 2012, 21, e21-e23.	2.6	1
98	Cost-effectiveness Analysis of Diagnostic Tests. <i>Neurosurgery</i> , 2013, 73, E558-E560.	1.1	1
99	Why was this transfusion given? Identifying clinical indications for blood transfusion in health care data. <i>Clinical Epidemiology</i> , 2018, Volume 10, 353-362.	3.0	1
100	Preventing overuse of laboratory diagnostics: a case study into diagnosing anaemia in Dutch general practice. <i>BMC Medical Informatics and Decision Making</i> , 2020, 20, 178.	3.0	1
101	Optimizing the risk threshold of lymph node involvement for performing extended pelvic lymph node dissection in prostate cancer patients: a cost-effectiveness analysis. <i>Urologic Oncology: Seminars and Original Investigations</i> , 2021, 39, 72.e7-72.e14.	1.6	1
102	Procalcitonin to guide antibiotic stewardship in intensive care. <i>Lancet Infectious Diseases</i> , The, 2016, 16, 888.	9.1	0
103	The Dutch Parelinoer Institute Cerebrovascular Disease Initiative: a retrospective study of the effects of integrating clinical care and research on costs and quality of care in patients with ischaemic stroke. <i>BMJ Open</i> , 2019, 9, e028290.	1.9	0
104	Developing Insights for Possible and Probable Acute Concussions Using Cluster Analysis. <i>Journal of Neurotrauma</i> , 2021, , .	3.4	0
105	Modeling Diagnostic Strategies to Manage Toxic Adverse Events following Cancer Immunotherapy. <i>Medical Decision Making</i> , 2021, 41, 693-705.	2.4	0
106	Clinicopathologic predictors of early relapse in advanced epithelial ovarian cancer: development of prediction models using nationwide data. <i>Cancer Epidemiology</i> , 2021, 75, 102008.	1.9	0