Lotty Hooft

List of Publications by Year
in descending order

93 papers	15,703 citations	81434 41 h-index	58552 86 g-index
97 all docs	97 docs citations	97 times ranked	30072 citing authors

#	Article	IF	Citations
1	Prediction models for diagnosis and prognosis of covid-19: systematic review and critical appraisal. BMJ, The, 2020, 369, m1328.	3.0	2,134
2	STARD 2015: an updated list of essential items for reporting diagnostic accuracy studies. BMJ, The, 2015, 351, h5527.	3.0	1,914
3	Preferred Reporting Items for a Systematic Review and Meta-analysis of Diagnostic Test Accuracy Studies. JAMA - Journal of the American Medical Association, 2018, 319, 388.	3.8	1,783
4	STARD 2015 guidelines for reporting diagnostic accuracy studies: explanation and elaboration. BMJ Open, 2016, 6, e012799.	0.8	1,324
5	Rapid, point-of-care antigen and molecular-based tests for diagnosis of SARS-CoV-2 infection. The Cochrane Library, 2020, 8, CD013705.	1.5	770
6	Antibody tests for identification of current and past infection with SARS-CoV-2. The Cochrane Library, 2020, 2020, CD013652.	1.5	664
7	Prediction models for cardiovascular disease risk in the general population: systematic review. BMJ, The, 2016, 353, i2416.	3.0	543
8	Rapid, point-of-care antigen tests for diagnosis of SARS-CoV-2 infection. The Cochrane Library, 2022, 2022, CD013705.	1.5	482
9	STARD 2015: An Updated List of Essential Items for Reporting Diagnostic Accuracy Studies. Radiology, 2015, 277, 826-832.	3.6	474
10	STARD 2015: An Updated List of Essential Items for Reporting Diagnostic Accuracy Studies. Clinical Chemistry, 2015, 61, 1446-1452.	1.5	449
11	A guide to systematic review and meta-analysis of prognostic factor studies. BMJ: British Medical Journal, 2019, 364, k4597.	2.4	389
12	Signs and symptoms to determine if a patient presenting in primary care or hospital outpatient settings has COVID-19 disease. The Cochrane Library, 2020, 7, CD013665.	1.5	387
13	Comparing Three Different Techniques for Magnetic Resonance Imaging-targeted Prostate Biopsies: A Systematic Review of In-bore versus Magnetic Resonance Imaging-transrectal Ultrasound fusion versus Cognitive Registration. Is There a Preferred Technique?. European Urology, 2017, 71, 517-531.	0.9	326
14	A guide to systematic review and meta-analysis of prediction model performance. BMJ, The, 2017, 356, i6460.	3.0	315
15	Protocol for development of a reporting guideline (TRIPOD-AI) and risk of bias tool (PROBAST-AI) for diagnostic and prognostic prediction model studies based on artificial intelligence. BMJ Open, 2021, 11, e048008.	0.8	313
16	Preferred reporting items for systematic review and meta-analysis of diagnostic test accuracy studies (PRISMA-DTA): explanation, elaboration, and checklist. BMJ, The, 2020, 370, m2632.	3.0	262
17	GRADE guidelines: 21 part 1. Study design, risk of bias, and indirectness in rating the certainty across a body of evidence for test accuracy. Journal of Clinical Epidemiology, 2020, 122, 129-141.	2.4	168
18	GRADE guidelines: 21 part 2. Test accuracy: inconsistency, imprecision, publication bias, and other domains for rating the certainty of evidence and presenting it in evidence profiles and summary of findings tables. Journal of Clinical Epidemiology, 2020, 122, 142-152.	2.4	167

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19	Guidelines and quality criteria for artificial intelligence-based prediction models in healthcare: a scoping review. Npj Digital Medicine, 2022, 5, 2.	5.7	147
20	Thoracic imaging tests for the diagnosis of COVID-19. The Cochrane Library, 2021, 2021, CD013639.	1.5	132
21	Performance of the Framingham risk models and pooled cohort equations for predicting 10-year risk of cardiovascular disease: a systematic review and meta-analysis. BMC Medicine, 2019, 17, 109.	2.3	126
22	Risk of bias in studies on prediction models developed using supervised machine learning techniques: systematic review. BMJ, The, 2021, 375, n2281.	3.0	116
23	A framework for meta-analysis of prediction model studies with binary and time-to-event outcomes. Statistical Methods in Medical Research, 2019, 28, 2768-2786.	0.7	115
24	Signs and symptoms to determine if a patient presenting in primary care or hospital outpatient settings has COVID-19. The Cochrane Library, 2021, 2021, CD013665.	1.5	112
25	Decision aids to help older people make health decisions: a systematic review and meta-analysis. BMC Medical Informatics and Decision Making, 2016, 16, 45.	1.5	108
26	Developing a reporting guideline for artificial intelligence-centred diagnostic test accuracy studies: the STARD-AI protocol. BMJ Open, 2021, 11, e047709.	0.8	102
27	Poor reporting of multivariable prediction model studies: towards a targeted implementation strategy of the TRIPOD statement. BMC Medicine, 2018, 16, 120.	2.3	99
28	Childhood asthma prediction models: a systematic review. Lancet Respiratory Medicine,the, 2015, 3, 973-984.	5.2	79
29	Reporting Quality of Systematic Reviews and Meta-Analyses of Otorhinolaryngologic Articles Based on the PRISMA Statement. PLoS ONE, 2015, 10, e0136540.	1.1	79
30	GRADE guidelines: 22. The GRADE approach for tests and strategies—from test accuracy to patient-important outcomes and recommendations. Journal of Clinical Epidemiology, 2019, 111, 69-82.	2.4	76
31	Diagnostic accuracy of rapid antigen tests in asymptomatic and presymptomatic close contacts of individuals with confirmed SARS-CoV-2 infection: cross sectional study. BMJ, The, 2021, 374, n1676.	3.0	73
32	Uniformity in measuring adherence to reporting guidelines: the example of TRIPOD for assessing completeness of reporting of prediction model studies. BMJ Open, 2019, 9, e025611.	0.8	68
33	Protocol for a systematic review on the methodological and reporting quality of prediction model studies using machine learning techniques. BMJ Open, 2020, 10, e038832.	0.8	60
34	Editor's Choice – Spinal Cord Ischaemia in Endovascular Thoracic and Thoraco-abdominal Aortic Repair: Review of Preventive Strategies. European Journal of Vascular and Endovascular Surgery, 2018, 55, 829-841.	0.8	58
35	Signs and symptoms to determine if a patient presenting in primary care or hospital outpatient settings has COVID-19. The Cochrane Library, 2022, 2022, CD013665.	1.5	56
36	Thoracic imaging tests for the diagnosis of COVID-19. The Cochrane Library, 2020, 9, CD013639.	1.5	52

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37	The methodological quality of 176,620 randomized controlled trials published between 1966 and 2018 reveals a positive trend but also an urgent need for improvement. PLoS Biology, 2021, 19, e3001162.	2.6	52
38	Radiopharmaceuticals for Palliation of Bone Pain in Patients with Castration-resistant Prostate Cancer Metastatic to Bone: A Systematic Review. European Urology, 2016, 70, 416-426.	0.9	51
39	Thoracic imaging tests for the diagnosis of COVID-19. The Cochrane Library, 2020, 11, CD013639.	1.5	51
40	STARD for Abstracts: essential items for reporting diagnostic accuracy studies in journal or conference abstracts. BMJ: British Medical Journal, 2017, 358, j3751.	2.4	50
41	Routine laboratory testing to determine if a patient has COVID-19. The Cochrane Library, 2020, 11, CD013787.	1.5	49
42	Reporting of prognostic clinical prediction models based on machine learning methods in oncology needs to be improved. Journal of Clinical Epidemiology, 2021, 138, 60-72.	2.4	49
43	Updating standards for reporting diagnostic accuracy: the development of STARD 2015. Research Integrity and Peer Review, 2016, 1, 7.	2.2	48
44	Overdiagnosis across medical disciplines: a scoping review. BMJ Open, 2017, 7, e018448.	0.8	48
45	TRIPOD statement: a preliminary pre-post analysis of reporting and methods of prediction models. BMJ Open, 2020, 10, e041537.	0.8	47
46	Completeness of reporting of clinical prediction models developed using supervised machine learning: a systematic review. BMC Medical Research Methodology, 2022, 22, 12.	1.4	45
47	Pregnant womensâ€™ concerns when invited to a randomized trial: a qualitative case control study. BMC Pregnancy and Childbirth, 2015, 15, 207.	0.9	40
48	Transparent Reporting of Multivariable Prediction Models in Journal and Conference Abstracts: TRIPOD for Abstracts. Annals of Internal Medicine, 2020, 173, 42-47.	2.0	40
49	Facilitators and barriers to pregnant womenâ€™s participation in research: A systematic review. Women and Birth, 2018, 31, 350-361.	0.9	38
50	Methodological conduct of prognostic prediction models developed using machine learning in oncology: a systematic review. BMC Medical Research Methodology, 2022, 22, 101.	1.4	36
51	Barriers and facilitators to reduce low-value care: a qualitative evidence synthesis. BMJ Open, 2020, 10, e040025.	0.8	35
52	Assessment of the Quality of Reporting of Randomised Controlled Trials in Otorhinolaryngologic Literature â€“ Adherence to the CONSORT Statement. PLoS ONE, 2015, 10, e0122328.	1.1	33
53	Effectiveness of contact tracing apps for SARS-CoV-2: a rapid systematic review. BMJ Open, 2021, 11, e050519.	0.8	32
54	Preferred reporting items for journal and conference abstracts of systematic reviews and meta-analyses of diagnostic test accuracy studies (PRISMA-DTA for Abstracts): checklist, explanation, and elaboration. BMJ, The, 2021, 372, n265.	3.0	30

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55	Introducing PALETTE: an iterative method for conducting a literature search for a review in palliative care. BMC Palliative Care, 2018, 17, 82.	0.8	27
56	Systematic overview finds variation in approaches to investigating and reporting on sources of heterogeneity in systematic reviews of diagnostic studies. Journal of Clinical Epidemiology, 2014, 67, 1200-1209.	2.4	26
57	Literature survey of high-impact journals revealed reporting weaknesses in abstracts of diagnostic accuracy studies. Journal of Clinical Epidemiology, 2015, 68, 708-715.	2.4	26
58	Facilitating Prospective Registration of Diagnostic Accuracy Studies: A STARD Initiative. Clinical Chemistry, 2017, 63, 1331-1341.	1.5	26
59	Quality of Reporting and Study Design of CKD Cohort Studies Assessing Mortality in the Elderly Before and After STROBE: A Systematic Review. PLoS ONE, 2016, 11, e0155078.	1.1	21
60	Registering Diagnostic and Prognostic Trials of Tests: Is It the Right Thing to Do?. Clinical Chemistry, 2014, 60, 1146-1152.	1.5	19
61	Empirical evidence of the impact of study characteristics on the performance of prediction models: a meta-epidemiological study. BMJ Open, 2019, 9, e026160.	0.8	19
62	Imaging tests for the diagnosis of COVID-19. The Cochrane Library, 2020, , .	1.5	19
63	Diagnosis of SARS-CoV-2 infection and COVID-19: accuracy of signs and symptoms; molecular, antigen, and antibody tests; and routine laboratory markers. The Cochrane Library, 2020, , .	1.5	19
64	Selecting and evaluating decision-making strategies in the intensive care unit: A systematic review. Journal of Critical Care, 2019, 51, 39-45.	1.0	18
65	Reported estimates of diagnostic accuracy in ophthalmology conference abstracts were not associated with full-text publication. Journal of Clinical Epidemiology, 2016, 79, 96-103.	2.4	16
66	Potential impact of missing outcome data on treatment effects in systematic reviews: imputation study. BMJ, The, 2020, 370, m2898.	3.0	14
67	Clinical trial registration was associated with lower risk of bias compared with non-registered trials among trials included in systematic reviews. Journal of Clinical Epidemiology, 2022, 145, 164-173.	2.4	13
68	Thoracic imaging tests for the diagnosis of COVID-19. The Cochrane Library, 2022, 2022, CD013639.	1.5	13
69	Premature trial discontinuation often not accurately reflected in registries: comparison of registry records with publications. Journal of Clinical Epidemiology, 2017, 81, 56-63.	2.4	12
70	The increasing need for systematic reviews of prognosis studies: strategies to facilitate review production and improve quality of primary research. Diagnostic and Prognostic Research, 2019, 3, 2.	0.8	10
71	Contemporary cardiovascular risk prediction. Lancet, The, 2018, 391, 1867-1868.	6.3	9
72	Forcing dichotomous disease classification from reference standards leads to bias in diagnostic accuracy estimates: A simulation study. Journal of Clinical Epidemiology, 2019, 111, 1-10.	2.4	9

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73	Reducing Inappropriate Proton Pump Inhibitors Use for Stress Ulcer Prophylaxis in Hospitalized Patients: Systematic Review of De-Implementation Studies. Journal of General Internal Medicine, 2021, 36, 2065-2073.	1.3	9
74	Accuracy of continuous glucose monitoring in preterm infants: a systematic review and meta-analysis. BMJ Open, 2020, 10, e045335.	0.8	9
75	What did we learn in 35â€‰years of research on nutrition and supplements for ageâ€related macular degeneration: a systematic review. Acta Ophthalmologica, 2022, 100, .	0.6	9
76	A guidance was developed to identify participants with missing outcome data in randomized controlled trials. Journal of Clinical Epidemiology, 2019, 115, 55-63.	2.4	8
77	Acetaminophen for selfâ€reported sleep problems in an elderly population (ASLEEP): a randomized doubleâ€blind placeboâ€controlled trial. International Journal of Geriatric Psychiatry, 2016, 31, 955-957.	1.3	7
78	From registration to publication: A study on Dutch academic randomized controlled trials. Research Synthesis Methods, 2020, 11, 218-226.	4.2	7
79	Poor compliance of clinical trial registration among trials included in systematic reviews: a cohort study. Journal of Clinical Epidemiology, 2021, 132, 79-87.	2.4	7
80	The risk of bias in randomized controlled trials in otorhinolaryngology: hardly any improvement since 1950. BMC Ear, Nose and Throat Disorders, 2017, 17, 3.	2.6	6
81	The effect of the CONSORT statement on the amount of â€œunclearâ€•Risk of Bias reporting in Cochrane Systematic Reviews. PLoS ONE, 2020, 15, e0235535.	1.1	5
82	Strategies to reduce the use of low-value medical tests in primary care: a systematic review. British Journal of General Practice, 2020, 70, e858-e865.	0.7	5
83	Decision analytic modeling was useful to assess the impact of a prediction model on health outcomes before a randomized trial. Journal of Clinical Epidemiology, 2019, 115, 106-115.	2.4	4
84	Meta-Analyses Proved Inconsistent in How Missing Data Were Handled Across Their Included Primary Trials: A Methodological Survey . Clinical Epidemiology, 2020, Volume 12, 527-535.	1.5	4
85	Data sources and methods used to determine pretest probabilities in a cohort of Cochrane diagnostic test accuracy reviews. BMC Medical Research Methodology, 2020, 20, 85.	1.4	3
86	Accuracy of routine laboratory tests to predict mortality and deterioration to severe or critical COVID-19 in people with SARS-CoV-2. The Cochrane Library, 2021, 2021, .	1.5	1
87	Title is missing!. , 2020, 15, e0235535.		0
88	Title is missing!. , 2020, 15, e0235535.		0
89	Title is missing!. , 2020, 15, e0235535.		0
90	Title is missing!. , 2020, 15, e0235535.		0

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91	Title is missing!. , 2020, 15, e0235535.		0
92	Title is missing!. , 2020, 15, e0235535.		0
93	How to assess applicability and methodological quality of comparative studies of operative interventions in orthopedic trauma surgery. European Journal of Trauma and Emergency Surgery, 0, , .	0.8	0