Jan Verbakel

List of Publications by Year
in descending order

109 papers	6,102 citations	218677 26 h-index	82547 72 g-index
148 all docs	148 docs citations	148 times ranked	12312 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.	6.0	2,134
2	A systematic review shows no performance benefit of machine learning over logistic regression for clinical prediction models. Journal of Clinical Epidemiology, 2019, 110, 12-22.	5.0	992
3	Reporting and Interpreting Decision Curve Analysis: A Guide for Investigators. European Urology, 2018, 74, 796-804.	1.9	590
4	Systematic review and validation of prediction rules for identifying children with serious infections in emergency departments and urgent-access primary care.. Health Technology Assessment, 2012, 16, 1-100.	2.8	243
5	Subjective assessment versus ultrasound models to diagnose ovarian cancer: A systematic review and meta-analysis. European Journal of Cancer, 2016, 58, 17-29.	2.8	172
6	Thoracic imaging tests for the diagnosis of COVID-19. The Cochrane Library, 2021, 2021, CD013639.	2.8	132
7	The psychological impact of early pregnancy loss. Human Reproduction Update, 2018, 24, 731-749.	10.8	123
8	Risk of complications in patients with conservatively managed ovarian tumours (IOTA5): a 2-year interim analysis of a multicentre, prospective, cohort study. Lancet Oncology, The, 2019, 20, 448-458.	10.7	110
9	Framework for the impact analysis and implementation of Clinical Prediction Rules (CPRs). BMC Medical Informatics and Decision Making, 2011, 11, 62.	3.0	89
10	SARS-CoV-2 Infections and Impact of the COVID-19 Pandemic in Pregnancy and Breastfeeding: Results from an Observational Study in Primary Care in Belgium. International Journal of Environmental Research and Public Health, 2020, 17, 6766.	2.6	74
11	Invasive non-typhoidal Salmonella infections in sub-Saharan Africa: a systematic review on antimicrobial resistance and treatment. BMC Medicine, 2020, 18, 212.	5.5	67
12	Ultrasound characteristics of endometrial cancer as defined by International Endometrial Tumor Analysis (IETA) consensus nomenclature: prospective multicenter study. Ultrasound in Obstetrics and Gynecology, 2018, 51, 818-828.	1.7	61
13	How well do clinical prediction rules perform in identifying serious infections in acutely ill children across an international network of ambulatory care datasets?. BMC Medicine, 2013, 11, 10.	5.5	51
14	ROC curves for clinical prediction models part 1. ROC plots showed no added value above the AUC when evaluating the performance of clinical prediction models. Journal of Clinical Epidemiology, 2020, 126, 207-216.	5.0	51
15	Diagnostic accuracy of point-of-care natriuretic peptide testing for chronic heart failure in ambulatory care: systematic review and meta-analysis. BMJ: British Medical Journal, 2018, 361, k1450.	2.3	50
16	Routine laboratory testing to determine if a patient has COVID-19. The Cochrane Library, 2020, 11, CD013787.	2.8	49
17	Should all acutely ill children in primary care be tested with point-of-care CRP: a cluster randomised trial. BMC Medicine, 2016, 14, 131.	5.5	48
18	Impact of point-of-care C reactive protein in ambulatory care: a systematic review and meta-analysis. BMJ Open, 2019, 9, e025036.	1.9	47

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19	Common evidence gaps in point-of-care diagnostic test evaluation: a review of horizon scan reports. BMJ Open, 2017, 7, e015760.	1.9	42
20	Point-of-Care C-Reactive Protein Testing to Reduce Antibiotic Prescribing for Respiratory Tract Infections in Primary Care: Systematic Review and Meta-Analysis of Randomised Controlled Trials. Antibiotics, 2020, 9, 610.	3.7	39
21	The Clinical Utility of Point-of-Care Tests for Influenza in Ambulatory Care: A Systematic Review and Meta-analysis. Clinical Infectious Diseases, 2019, 69, 24-33.	5.8	38
22	Clinical Utility of Risk Models to Refer Patients with Adnexal Masses to Specialized Oncology Care: Multicenter External Validation Using Decision Curve Analysis. Clinical Cancer Research, 2017, 23, 5082-5090.	7.0	37
23	Diagnostic protocols for the management of pregnancy of unknown location: a systematic review and metaâ€analysis. BJOG: an International Journal of Obstetrics and Gynaecology, 2019, 126, 190-198.	2.3	35
24	Typical ultrasound features of various endometrial pathologies described using International Endometrial Tumor Analysis (<scp>IETA</scp>) terminology in women with abnormal uterine bleeding. Ultrasound in Obstetrics and Gynecology, 2021, 57, 164-172.	1.7	35
25	The correlation between blood pressure and kidney function decline in older people: a registry-based cohort study. BMJ Open, 2015, 5, e007571.	1.9	31
26	Reducing inappropriate antibiotic prescribing for children in primary care: a cluster randomised controlled trial of two interventions. British Journal of General Practice, 2018, 68, e204-e210.	1.4	29
27	Signs and symptoms in adult patients with acute dyspnea: a systematic review and meta-analysis. European Journal of Emergency Medicine, 2018, 25, 3-11.	1.1	27
28	Validation of ultrasound strategies to assess tumor extension and to predict highâ€risk endometrial cancer in women from the prospective IETA (International Endometrial Tumor Analysis)â€4 cohort. Ultrasound in Obstetrics and Gynecology, 2020, 55, 115-124.	1.7	26
29	Using fractional exhaled nitric oxide to guide step-down treatment decisions in patients with asthma: a systematic review and individual patient data meta-analysis. European Respiratory Journal, 2020, 55, 1902150.	6.7	26
30	Does well-child care education improve consultations and medication management for childhood fever and common infections? A systematic review. Archives of Disease in Childhood, 2017, 102, 261-267.	1.9	25
31	Systematic Review and Metaanalysis Comparing the Bias and Accuracy of the Modification of Diet in Renal Disease and Chronic Kidney Disease Epidemiology Collaboration Equations in Community-Based Populations. Clinical Chemistry, 2018, 64, 475-485.	3.2	25
32	The Predictive Value of the NICE â€œRed Traffic Lightsâ€ in Acutely Ill Children. PLoS ONE, 2014, 9, e90847.	2.5	24
33	Analytical accuracy and user-friendliness of the Afinion point-of-care CRP test. Journal of Clinical Pathology, 2014, 67, 83-86.	2.0	24
34	Barriers to translating diagnostic research in febrilechildren to clinical practice: a systematic review: Table 1. Archives of Disease in Childhood, 2012, 97, 667-672.	1.9	23
35	Point-of-care C reactive protein to identify serious infection in acutely ill children presenting to hospital: prospective cohort study. Archives of Disease in Childhood, 2018, 103, 420-426.	1.9	23
36	Point-of-care CRP matters: normal CRP levels reduce immediate antibiotic prescribing for acutely ill children in primary care: a cluster randomized controlled trial. Scandinavian Journal of Primary Health Care, 2018, 36, 423-436.	1.5	23

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37	Validating a decision tree for serious infection: diagnostic accuracy in acutely ill children in ambulatory care. BMJ Open, 2015, 5, e008657.	1.9	21
38	Obstetric risk factors for anorectal dysfunction after delivery: a systematic review and meta-analysis. International Urogynecology Journal, 2021, 32, 2325-2336.	1.4	20
39	In-vitro diagnostic point-of-care tests in paediatric ambulatory care: A systematic review and meta-analysis. PLoS ONE, 2020, 15, e0235605.	2.5	19
40	Fertility treatment and cancers—the eternal conundrum: a systematic review and meta-analysis. Human Reproduction, 2021, 36, 1093-1107.	0.9	19
41	Predictors for sexual dysfunction in the first year postpartum: A systematic review and meta‐analysis. BJOG: an International Journal of Obstetrics and Gynaecology, 2022, 129, 1017-1028.	2.3	18
42	Statistics versus machine learning: definitions are interesting (but understanding, methodology, and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	5.0	17
43	Impact of point-of-care panel tests in ambulatory care: a systematic review and meta-analysis. BMJ Open, 2020, 10, e032132.	1.9	16
44	Strategies to Prevent Acute Kidney Injury after Pediatric Cardiac Surgery. Clinical Journal of the American Society of Nephrology: CJASN, 2021, 16, 1480-1490.	4.5	15
45	Biomarkers of acute kidney injury after pediatric cardiac surgery: a meta-analysis of diagnostic test accuracy. European Journal of Pediatrics, 2022, 181, 1909-1921.	2.7	14
46	Optimizing antibiotic prescribing for acutely ill children in primary care (ERNIE2 study protocol, part) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 protein test and a brief intervention combined with written safety net advice. BMC Pediatrics, 2014, 14, 246.	1.7	13
47	Ultrasound‐based risk model for preoperative prediction of lymph‐node metastases in women with endometrial cancer: model‐development study. Ultrasound in Obstetrics and Gynecology, 2020, 56, 443-452.	1.7	13
48	Non-contact infrared versus axillary and tympanic thermometers in children attending primary care: a mixed-methods study of accuracy and acceptability. British Journal of General Practice, 2020, 70, e236-e244.	1.4	13
49	Predictors of disease severity in children presenting from the community with febrile illnesses: a systematic review of prognostic studies. BMJ Global Health, 2021, 6, e003451.	4.7	13
50	Effects of antihypertensives, lipid-modifying drugs, glycaemic control drugs and sodium bicarbonate on the progression of stages 3 and 4 chronic kidney disease in adults: a systematic review and meta-analysis. BMJ Open, 2019, 9, e030596.	1.9	12
51	Signs and symptoms associated with uterine cancer in pre- and postmenopausal women. Heliyon, 2020, 6, e05372.	3.2	12
52	Accuracy, user-friendliness and usefulness of the Cobas h232 point-of-care test for NT-proBNP in primary care. Journal of Clinical Pathology, 2018, 71, 539-545.	2.0	11
53	Exo-anal imaging of the anal sphincter: a comparison between introital and transperineal image acquisition. International Urogynecology Journal, 2020, 31, 1107-1113.	1.4	11
54	Diagnosing serious infections in acutely ill children in ambulatory care (ERNIE 2 study protocol, part) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5 test and oxygen saturation. BMC Pediatrics, 2014, 14, 207.	1.7	10

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55	How do general practitioners use â€˜safety nettingâ€™ in acutely ill children?. European Journal of General Practice, 2016, 22, 3-8.	2.0	10
56	Predictive Accuracy of Frailty Tools for Adverse Outcomes in a Cohort of Adults 80ÂYears and Older: A Decision Curve Analysis. Journal of the American Medical Directors Association, 2020, 21, 440.e1-440.e8.	2.5	10
57	Performance and ease of use of a molecular point-of-care test for influenza A/B and RSV in patients presenting to primary care. European Journal of Clinical Microbiology and Infectious Diseases, 2020, 39, 1453-1460.	2.9	10
58	Added value of anti-SARS-CoV-2 antibody testing in a Flemish nursing home during an acute COVID-19 outbreak in April 2020. Acta Clinica Belgica, 2022, 77, 295-300.	1.2	10
59	Impact of point-of-care tests in community pharmacies: a systematic review and meta-analysis. BMJ Open, 2020, 10, e034298.	1.9	10
60	Clinical Features for the Diagnosis of Pediatric Urinary Tract Infections: Systematic Review and Meta-Analysis. Annals of Family Medicine, 2021, 19, 437-446.	1.9	10
61	Improving advance care planning in patients with dementia: the effect of training nurses to engage in ACP-related conversations. , 2017, 8, .		10
62	Prospective SARS-CoV-2 cohort study among primary health care providers during the second COVID-19 wave in Flanders, Belgium. Family Practice, 2022, 39, 92-98.	1.9	8
63	Diagnostic value of biomarkers for paediatric urinary tract infections in primary care: systematic review and meta-analysis. BMC Family Practice, 2021, 22, 193.	2.9	8
64	Clinical Reliability of point-of-care tests to support community based acute ambulatory care. Acute Medicine, 2020, 19, 4-14.	0.3	8
65	Prevalence and incidence of antibodies against SARS-CoV-2 among primary healthcare providers in Belgium during 1 year of the COVID-19 epidemic: prospective cohort study protocol. BMJ Open, 2022, 12, e054688.	1.9	8
66	Vaccine Hesitancy towards the COVID-19 Vaccine in a Random National Sample of Belgian Nursing Home Staff Members. Vaccines, 2022, 10, 598.	4.4	8
67	Sepsis and Meningitis in Hospitalized Children. Pediatric Emergency Care, 2014, 30, 373-380.	0.9	7
68	Non-contact infrared thermometers compared with current approaches in primary care for children aged 5 years and under: a method comparison study. Health Technology Assessment, 2020, 24, 1-28.	2.8	7
69	Experiences and Perspectives of Marketing Authorisation Holders towards Medication Safety Monitoring during Pregnancy: A Pan-European Qualitative Analysis. International Journal of Environmental Research and Public Health, 2022, 19, 4248.	2.6	7
70	ROC curves for clinical prediction models part 3. The ROC plot: a picture that needs a 1000 words. Journal of Clinical Epidemiology, 2020, 126, 220-223.	5.0	6
71	Organisation and quality monitoring for point-of-care testing (POCT) in Belgium: proposal for an expansion of the legal framework for POCT into primary health care. Acta Clinica Belgica, 2022, 77, 329-336.	1.2	6
72	The Risk of Endometrial Malignancy and Other Endometrial Pathology in Women with Abnormal Uterine Bleeding: An Ultrasound-Based Model Development Study by the IETA Group. Gynecologic and Obstetric Investigation, 2022, 87, 54-61.	1.6	5

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73	Can the heartscan be used for diagnosis and monitoring of emergencies in general practice?. Acta Cardiologica, 2012, 67, 525-531.	0.9	4
74	Is "chronic kidney disease" a disease?. Journal of Evaluation in Clinical Practice, 2018, 24, 1033-1040.	1.8	4
75	Burden of infections on older patients presenting to general practice: a registry-based study. Family Practice, 2021, 38, 165-171.	1.9	4
76	Cost-effectiveness of check of medication appropriateness: methodological approach. International Journal of Clinical Pharmacy, 2022, 44, 399-408.	2.1	4
77	Study protocol for a randomised controlled trial on the use of intraoperative ultrasound-guided laparoscopic ovarian cystectomy (UGLOC) as a method of fertility preservation in the management of benign ovarian cysts. BMJ Open, 2022, 12, e060409.	1.9	4
78	The Sore Throat Test and Treat Service: speed should not substitute science. British Journal of General Practice, 2017, 67, 110.1-110.	1.4	3
79	International Consensus Definition of a Serious Infection in a Geriatric Patient Presenting to Ambulatory Care. Journal of the American Medical Directors Association, 2020, 21, 578-582.e1.	2.5	3
80	Diagnosing serious infections in older adults presenting to ambulatory care: a systematic review. Age and Ageing, 2021, 50, 405-414.	1.6	3
81	Parents' concerns and beliefs about temperature measurement in children: a qualitative study. BMC Family Practice, 2021, 22, 9.	2.9	3
82	Frequency of Renal Monitoring — Creatinine and Cystatin C (FORM-2C): an observational cohort study of patients with reduced eGFR in primary care. British Journal of General Practice, 2021, 71, e677-e684.	1.4	3
83	Using Belgian pharmacy dispensing data to assess antibiotic use for children in ambulatory care. BMC Pediatrics, 2022, 22, 12.	1.7	3
84	Risk assessment for endometrial cancer in women with abnormal vaginal bleeding: Results from the prospective IETA1 cohort study. International Journal of Gynecology and Obstetrics, 2022, 159, 103-110.	2.3	3
85	A frontline triage system across different health settings. BMJ, The, 2013, 346, f2313-f2313.	6.0	2
86	Shivering has little diagnostic value in diagnosing serious bacterial infection in children: a systematic review and meta-analysis. European Journal of Pediatrics, 2021, 180, 1033-1042.	2.7	2
87	Outpatient urine collection methods for paediatric urinary tract infections: Systematic review of diagnostic accuracy studies. Acta Paediatrica, International Journal of Paediatrics, 2021, 110, 3170-3179.	1.5	2
88	Point-of-care tests for pediatric urinary tract infections in general practice: a diagnostic accuracy study. Family Practice, 2022, 39, 616-622.	1.9	2
89	Antibiotic prescribing rate after optimal near-patient C-reactive protein testing in acutely ill children presenting to ambulatory care (ARON project): protocol for a cluster-randomized pragmatic trial. BMJ Open, 2022, 12, e058912.	1.9	2
90	Clinical prediction rules for childhood urinary tract infections: a cross-sectional study in ambulatory care. BJGP Open, 2022, 6, BJGPO.2021.0171.	1.8	2

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91	National cancer control plans. Lancet Oncology, The, 2018, 19, e665.	10.7	1
92	Analytical accuracy of the handheld PICO monitoring device during emergencies. BMJ Innovations, 2019, 5, 20-27.	1.7	1
93	Long-term monitoring in primary care for chronic kidney disease and chronic heart failure: a multi-method research programme. Programme Grants for Applied Research, 2021, 9, 1-218.	1.0	1
94	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, .	2.8	1
95	Accuracy of parents' subjective assessment of paediatric fever with thermometer measured fever in a primary care setting. , 2022, 23, 30.		1
96	C-Reactive Protein for Antibiotic Use in COPD Exacerbations. New England Journal of Medicine, 2019, 381, 2371-2372.	27.0	0
97	Using fractional exhaled nitric oxide to guide step-down treatment decisions in asthma: practical considerations. European Respiratory Journal, 2020, 56, 2002809.	6.7	0
98	Regarding the role of F_{ENO} in predicting failure after ICS reduction in mild-to-moderate asthma patients. European Respiratory Journal, 2020, 56, 2002375.	6.7	0
99	Methods for Evaluation of medical prediction Models, Tests And Biomarkers (MEMTAB) 2020 Symposium. Diagnostic and Prognostic Research, 2021, 5, 7.	1.8	0
100	BET 1: Do homemade or cloth face masks work as a preventive measure for respiratory virus transmission?. Emergency Medicine Journal, 2021, 38, 401.2-403.	1.0	0
101	Fertility Treatment and Cancers—The Eternal Conundrum: A Systematic Review and Meta-analysis. Obstetrical and Gynecological Survey, 2021, 76, 343-344.	0.4	0
102	Prognostic value of FeNO-guided assessment to identify steroid-responsive respiratory symptoms. , 2018, , .		0
103	Prognostic value of using FeNO to guide step-down treatment decisions in asthma. , 2018, , .		0
104	Clinical Reliability of point-of-care tests to support community based acute ambulatory care. Acute Medicine, 2020, 19, 4-14.	0.3	0
105	Title is missing!. , 2020, 15, e0235605.		0
106	Title is missing!. , 2020, 15, e0235605.		0
107	Title is missing!. , 2020, 15, e0235605.		0
108	Title is missing!. , 2020, 15, e0235605.		0

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109	GPsâ€™ perspectives on diagnosing childhood urinary tract infections: a qualitative study. British Journal of General Practice, 0, , BJGP.2021.0589.	1.4	0