Gary S Collins

List of Publications by Year
in descending order

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353 papers	38,447 citations	6486 82 h-index	4305 179 g-index
368 all docs	368 docs citations	368 times ranked	50263 citing authors

#	Article	IF	Citations
1	Global, regional, and national burden of migraine in 204 countries and territories, 1990 to 2019. Pain, 2022, 163, e293-e309.	2.0	98
2	Hazard of Arm Injury in Professional Starting and Relief Pitchers. Journal of Athletic Training, 2022, 57, 65-71.	0.9	4
3	Prevalence, Deaths, and Disability-Adjusted Life-Years Due to Asthma and Its Attributable Risk Factors in 204 Countries and Territories, 1990-2019. Chest, 2022, 161, 318-329.	0.4	28
4	The current status of risk-stratified breast screening. British Journal of Cancer, 2022, 126, 533-550.	2.9	47
5	Global, regional, and national burden of cancers attributable to excess body weight in 204 countries and territories, 1990 to 2019. Obesity, 2022, 30, 535-545.	1.5	10
6	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
7	Minimum sample size calculations for external validation of a clinical prediction model with a timeâ€toâ€event outcome. Statistics in Medicine, 2022, 41, 1280-1295.	0.8	34
8	Burden of ischemicÂheart disease and its attributable risk factors in 204 countries and territories, 1990â€“2019. European Journal of Preventive Cardiology, 2022, 29, 420-431.	0.8	66
9	Black Box Prediction Methods in Sports Medicine Deserve a Red Card for Reckless Practice: A Change of Tactics is Needed to Advance Athlete Care. Sports Medicine, 2022, 52, 1729-1735.	3.1	21
10	The burden of stroke and its attributable risk factors in the Middle East and North Africa region, 1990â€“2019. Scientific Reports, 2022, 12, 2700.	1.6	14
11	Prevalence, Deaths and Disability-Adjusted-Life-Years (DALYs) Due to Type 2 Diabetes and Its Attributable Risk Factors in 204 Countries and Territories, 1990-2019: Results From the Global Burden of Disease Study 2019. Frontiers in Endocrinology, 2022, 13, 838027.	1.5	73
12	Global, regional, and national cancer deaths and disabilityâ€adjusted lifeâ€years (DALYs) attributable to alcohol consumption in 204 countries and territories, 1990â€2019. Cancer, 2022, 128, 1840-1852.	2.0	15
13	Development and validation of clinical prediction models for breast cancer incidence and mortality: a protocol for a dual cohort study. BMJ Open, 2022, 12, e050828.	0.8	4
14	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
15	Improving Clinical Prediction Model Methods. Medicine and Science in Sports and Exercise, 2022, 54, 692-693.	0.2	1
16	Machine Learning Does Not Improve Humeral Torsion Prediction Compared to Regression in Baseball Pitchers. International Journal of Sports Physical Therapy, 2022, 17, 390-399.	0.5	1
17	Prevalence, incidence and years lived with disability due to polycystic ovary syndrome in 204 countries and territories, 1990â€“2019. Human Reproduction, 2022, 37, 1919-1931.	0.4	17
18	Artificial Intelligence in Fracture Detection: A Systematic Review and Meta-Analysis. Radiology, 2022, 304, 50-62.	3.6	62

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19	Ethics methods are required as part of reporting guidelines for artificial intelligence in healthcare. Nature Machine Intelligence, 2022, 4, 316-317.	8.3	9
20	Utility of preâ€operative haemoglobin concentration to guide periâ€operative blood tests for hip and knee arthroplasty: A decision curve analysis. Transfusion Medicine, 2022, 32, 306-317.	0.5	4
21	Reporting guideline for the early-stage clinical evaluation of decision support systems driven by artificial intelligence: DECIDE-AI. Nature Medicine, 2022, 28, 924-933.	15.2	125
22	Reporting guideline for the early stage clinical evaluation of decision support systems driven by artificial intelligence: DECIDE-AI. BMJ, The, 2022, 377, e070904.	3.0	70
23	Global, regional, and national burden of cancers attributable to tobacco smoking in 204 countries and territories, 1990â€“2019. Cancer Medicine, 2022, 11, 2662-2678.	1.3	19
24	Just How Confident Can We Be in Predicting Sports Injuries? A Systematic Review of the Methodological Conduct and Performance of Existing Musculoskeletal Injury Prediction Models in Sport. Sports Medicine, 2022, 52, 2469-2482.	3.1	16
25	Including Modifiable and Nonmodifiable Factors Improves Injury Risk Assessment in Professional Baseball Pitchers. Journal of Orthopaedic and Sports Physical Therapy, 2022, 52, 630-640.	1.7	4
26	Flaws in the Development and Validation of a Coronavirus Disease 2019 Prediction Model. Clinical Infectious Diseases, 2021, 73, 557-558.	2.9	0
27	Methodological Issues in the Development of a Prediction Tool for <scp>Firstâ€Trimester</scp> Outcomes. Journal of Ultrasound in Medicine, 2021, 40, 1731-1732.	0.8	0
28	Doug Altman: Driving critical appraisal and improvements in the quality of methodological and medical research. Biometrical Journal, 2021, 63, 226-246.	0.6	6
29	Prevalence, Deaths, and Disabilityâ€Adjusted Life Years Due to Musculoskeletal Disorders for 195 Countries and Territories 1990â€“2017. Arthritis and Rheumatology, 2021, 73, 702-714.	2.9	154
30	Minimum sample size for external validation of a clinical prediction model with a continuous outcome. Statistics in Medicine, 2021, 40, 133-146.	0.8	82
31	Prediction modelling of inpatient neonatal mortality in high-mortality settings. Archives of Disease in Childhood, 2021, 106, 449-454.	1.0	5
32	Statistical issues in the development of COVIDâ€19 prediction models. Journal of Medical Virology, 2021, 93, 624-625.	2.5	2
33	There are no shortcuts in the development and validation of a COVIDâ€19 prediction model. Transboundary and Emerging Diseases, 2021, 68, 210-211.	1.3	1
34	Prognostic factors for finger interphalangeal joint osteoarthritis: a systematic review. Rheumatology, 2021, 60, 1080-1090.	0.9	3
35	A note on estimating the <scp>Coxâ€Snell R²</scp> from a reported C statistic (<scp>AUROC</scp>) to inform sample size calculations for developing a prediction model with a binary outcome. Statistics in Medicine, 2021, 40, 859-864.	0.8	22
36	Penalization and shrinkage methods produced unreliable clinical prediction models especially when sample size was small. Journal of Clinical Epidemiology, 2021, 132, 88-96.	2.4	55

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37	The reporting of observational studies of drug effectiveness and safety: recommendations to extend existing guidelines. Expert Opinion on Drug Safety, 2021, 20, 1-8.	1.0	2
38	Global, regional, and national burden of other musculoskeletal disorders 1990â€“2017: results from the Global Burden of Disease Study 2017. Rheumatology, 2021, 60, 855-865.	0.9	52
39	CHecklist for statistical Assessment of Medical Papers: the CHAMP statement. British Journal of Sports Medicine, 2021, 55, 1002-1003.	3.1	39
40	Continual updating and monitoring of clinical prediction models: time for dynamic prediction systems?. Diagnostic and Prognostic Research, 2021, 5, 1.	0.8	54
41	DECIDE-AI: new reporting guidelines to bridge the development-to-implementation gap in clinical artificial intelligence. Nature Medicine, 2021, 27, 186-187.	15.2	100
42	Knee osteoarthritis and time-to all-cause mortality in six community-based cohorts: an international meta-analysis of individual participant-level data. Aging Clinical and Experimental Research, 2021, 33, 529-545.	1.4	48
43	Patient-Reported Outcomes as Independent Prognostic Factors for Survival in Oncology: Systematic Review and Meta-Analysis. Value in Health, 2021, 24, 250-267.	0.1	63
44	Improving prediction model systematic review methodology: Letter to the Editor. Translational Sports Medicine, 2021, 4, 545.	0.5	2
45	Improving Clinical Prognostic Model Methodology: Letter to the Editor. American Journal of Sports Medicine, 2021, 49, NP23-NP25.	1.9	1
46	Comparative Pitching Biomechanics Among Adolescent Baseball Athletes: Are There Fundamental Differences Between Pitchers and Non-pitchers?. International Journal of Sports Physical Therapy, 2021, 16, 488-495.	0.5	2
47	Clinical prediction models: diagnosis versus prognosis. Journal of Clinical Epidemiology, 2021, 132, 142-145.	2.4	60
48	COVID-19 Prediction Models Need Robust and Transparent Development. Disaster Medicine and Public Health Preparedness, 2021, , 1-2.	0.7	0
49	A review found inadequate reporting of caseâ€“control studies of risk factors for pancreatic cancer. Journal of Clinical Epidemiology, 2021, 133, 32-42.	2.4	0
50	Methodology over metrics: current scientific standards are a disservice to patients and society. Journal of Clinical Epidemiology, 2021, 138, 219-226.	2.4	54
51	Minimum sample size for external validation of a clinical prediction model with a binary outcome. Statistics in Medicine, 2021, 40, 4230-4251.	0.8	122
52	Temporal Trends and Severity in Injury and Illness Incidence in the National Basketball Association Over 11 Seasons. Orthopaedic Journal of Sports Medicine, 2021, 9, 232596712110040.	0.8	18
53	Development and internal validation of a humeral torsion prediction model in professional baseball pitchers. Journal of Shoulder and Elbow Surgery, 2021, 30, 2832-2838.	1.2	1
54	Developing a reporting guideline for artificial intelligence-centred diagnostic test accuracy studies: the STARD-AI protocol. BMJ Open, 2021, 11, e047709.	0.8	102

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55	Systematic review of risk prediction studies in bone and joint infection: are modifiable prognostic factors useful in predicting recurrence?. Journal of Bone and Joint Infection, 2021, 6, 257-271.	0.6	5
56	External validation of clinical prediction models: simulation-based sample size calculations were more reliable than rules-of-thumb. Journal of Clinical Epidemiology, 2021, 135, 79-89.	2.4	52
57	To Adjust or Not to Adjust: The Role of Different Covariates in Cardiovascular Observational Studies. American Heart Journal, 2021, 237, 62-67.	1.2	44
58	Methods matter: clinical prediction models will benefit sports medicine practice, but only if they are properly developed and validated. British Journal of Sports Medicine, 2021, 55, 1319-1321.	3.1	20
59	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
60	O16â€ƒDevelopment of risk calculators for hand osteoarthritis and invasive treatment. British Journal of Surgery, 2021, 108, .	0.1	0
61	Measuring the success of blinding in placebo-controlled trials: Should we be so quick to dismiss it?. Journal of Clinical Epidemiology, 2021, 135, 176-181.	2.4	12
62	Home-based rehabilitation programme compared with traditional physiotherapy for patients at risk of poor outcome after knee arthroplasty: the CORKA randomised controlled trial. BMJ Open, 2021, 11, e052598.	0.8	11
63	A Guideline for Reporting Mediation Analyses of Randomized Trials and Observational Studies. JAMA - Journal of the American Medical Association, 2021, 326, 1045.	3.8	169
64	Persistent joint pain and arm function in former baseball players. JSES International, 2021, 5, 912-919.	0.7	4
65	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
66	Clinical Prediction Models in Sports Medicine: A Guide for Clinicians and Researchers. Journal of Orthopaedic and Sports Physical Therapy, 2021, 51, 517-525.	1.7	25
67	A CHecklist for statistical Assessment of Medical Papers (the CHAMP statement): explanation and elaboration. British Journal of Sports Medicine, 2021, 55, 1009-1017.	3.1	90
68	Reflection on modern methods: demystifying robust standard errors for epidemiologists. International Journal of Epidemiology, 2021, 50, 346-351.	0.9	88
69	Characterization of Rookie Season Injury and Illness and Career Longevity Among National Basketball Association Players. JAMA Network Open, 2021, 4, e2128199.	2.8	7
70	Developing clinical prediction models when adhering to minimum sample size recommendations: The importance of quantifying bootstrap variability in tuning parameters and predictive performance. Statistical Methods in Medical Research, 2021, 30, 2545-2561.	0.7	10
71	A quality assessment tool for artificial intelligence-centered diagnostic test accuracy studies: QUADAS-AI. Nature Medicine, 2021, 27, 1663-1665.	15.2	76
72	Association of Tramadol vs Codeine Prescription Dispensation With Mortality and Other Adverse Clinical Outcomes. JAMA - Journal of the American Medical Association, 2021, 326, 1504.	3.8	38

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73	Burden of anemia and its underlying causes in 204 countries and territories, 1990â€“2019: results from the Global Burden of Disease Study 2019. Journal of Hematology and Oncology, 2021, 14, 185.	6.9	139
74	Evaluation of Biomarkers in Critical Care and Perioperative Medicine. Anesthesiology, 2021, 134, 15-25.	1.3	9
75	Machine Learning and Statistical Prediction of Pitching Arm Kinetics. American Journal of Sports Medicine, 2021, , 036354652110545.	1.9	9
76	Health Conditions, Substance Use, Physical Activity, and Quality of Life in Current and Former Baseball Players. Orthopaedic Journal of Sports Medicine, 2021, 9, 232596712110566.	0.8	4
77	Developing Specific Reporting Standards in Artificial Intelligence Centred Research. Annals of Surgery, 2021, Publish Ahead of Print, e547-e548.	2.1	5
78	Accuracy of approximations to recover incompletely reported logistic regression models depended on other available information. Journal of Clinical Epidemiology, 2021, , .	2.4	5
79	Risk of bias in studies on prediction models developed using supervised machine learning techniques: systematic review. BMJ, The, 2021, 375, n2281.	3.0	116
80	A systematic review showed more consideration is needed when conducting nonrandomized studies of interventions. Journal of Clinical Epidemiology, 2020, 117, 99-108.	2.4	5
81	Development of a risk score for early saphenous vein graft failure: An individual patient data meta-analysis. Journal of Thoracic and Cardiovascular Surgery, 2020, 160, 116-127.e4.	0.4	29
82	TRIPOD statement: a preliminary pre-post analysis of reporting and methods of prediction models. BMJ Open, 2020, 10, e041537.	0.8	47
83	Guidelines for clinical trial protocols for interventions involving artificial intelligence: the SPIRIT-AI extension. The Lancet Digital Health, 2020, 2, e549-e560.	5.9	135
84	Prospective validation of the RAPID clinical risk prediction score in adult patients with pleural infection: the PILOT study. European Respiratory Journal, 2020, 56, 2000130.	3.1	46
85	Prediction Models for Physical, Cognitive, and Mental Health Impairments After Critical Illness: A Systematic Review and Critical Appraisal. Critical Care Medicine, 2020, 48, 1871-1880.	0.4	42
86	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
87	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
88	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.	2.4	51
89	COVID-19 prediction models should adhere to methodological and reporting standards. European Respiratory Journal, 2020, 56, 2002643.	3.1	16
90	Prevalence, Incidence, and Years Lived With Disability Due to Gout and Its Attributable Risk Factors for 195 Countries and Territories 1990â€“2017: A Systematic Analysis of the Global Burden of Disease Study 2017. Arthritis and Rheumatology, 2020, 72, 1916-1927.	2.9	103

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91	Cricket related hand injury is associated with increased odds of hand pain and osteoarthritis. Scientific Reports, 2020, 10, 16775.	1.6	8
92	Synovial fluid fingerprinting in end-stage knee osteoarthritis. Bone and Joint Research, 2020, 9, 623-632.	1.3	12
93	UMBRELLA protocol: systematic reviews of multivariable biomarker prognostic models developed to predict clinical outcomes in patients with heart failure. Diagnostic and Prognostic Research, 2020, 4, 13.	0.8	4
94	For Victims of Fatal Child Abuse, Who Has the Right to Consent to Organ Donation?. Pediatrics, 2020, 146, e20200662.	1.0	2
95	TIDieR-Placebo: A guide and checklist for reporting placebo and sham controls. PLoS Medicine, 2020, 17, e1003294.	3.9	52
96	Reporting guidelines for clinical trial reports for interventions involving artificial intelligence: the CONSORT-AI extension. The Lancet Digital Health, 2020, 2, e537-e548.	5.9	112
97	Reporting guidelines for clinical trial reports for interventions involving artificial intelligence: the CONSORT-AI extension. Nature Medicine, 2020, 26, 1364-1374.	15.2	353
98	Risk factors for the progression of finger interphalangeal joint osteoarthritis: a systematic review. Rheumatology International, 2020, 40, 1781-1792.	1.5	6
99	Guidelines for clinical trial protocols for interventions involving artificial intelligence: the SPIRIT-AI extension. Nature Medicine, 2020, 26, 1351-1363.	15.2	251
100	Industry ties and evidence in public comments on the FDA framework for modifications to artificial intelligence/machine learning-based medical devices: a cross sectional study. BMJ Open, 2020, 10, e039969.	0.8	9
101	Reporting guideline checklists are not quality evaluation forms: they are guidance for writing. Health Science Reports, 2020, 3, e165.	0.6	52
102	Global, regional and national burden of osteoarthritis 1990-2017: a systematic analysis of the Global Burden of Disease Study 2017. Annals of the Rheumatic Diseases, 2020, 79, 819-828.	0.5	732
103	Early warning scores for detecting deterioration in adult hospital patients: systematic review and critical appraisal of methodology. BMJ, The, 2020, 369, m1501.	3.0	162
104	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.	2.4	6
105	Time to health-related quality of life improvement analysis was developed to enhance evaluation of modern anticancer therapies. Journal of Clinical Epidemiology, 2020, 127, 9-18.	2.4	10
106	Calculating the sample size required for developing a clinical prediction model. BMJ, The, 2020, 368, m441.	3.0	804
107	Machine learning and artificial intelligence research for patient benefit: 20 critical questions on transparency, replicability, ethics, and effectiveness. BMJ, The, 2020, 368, l6927.	3.0	219
108	Artificial intelligence versus clinicians: systematic review of design, reporting standards, and claims of deep learning studies. BMJ, The, 2020, 368, m689.	3.0	509

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109	Health-related quality of life and flourishing in current and former recreational and elite cricketers. Health and Quality of Life Outcomes, 2020, 18, 41.	1.0	11
110	Using Causal Diagrams to Improve the Design and Interpretation of Medical Research. Chest, 2020, 158, S21-S28.	0.4	73
111	Playing sport injured is associated with osteoarthritis, joint pain and worse health-related quality of life: a cross-sectional study. BMC Musculoskeletal Disorders, 2020, 21, 111.	0.8	16
112	Interim PET-results for prognosis in adults with Hodgkin lymphoma: a systematic review and meta-analysis of prognostic factor studies. The Cochrane Library, 2020, 2020, CD012643.	1.5	18
113	On the aggregation of published prognostic scores for causal inference in observational studies. Statistics in Medicine, 2020, 39, 1440-1457.	0.8	4
114	Prediction models for diagnosis and prognosis of covid-19: systematic review and critical appraisal. BMJ, The, 2020, 369, m1328.	3.0	2,134
115	Global, regional, and national burden of neck pain in the general population, 1990-2017: systematic analysis of the Global Burden of Disease Study 2017. BMJ, The, 2020, 368, m791.	3.0	279
116	Counterfactual clinical prediction models could help to infer individualized treatment effects in randomized controlled trialsâ€"An illustration with the International Stroke Trial. Journal of Clinical Epidemiology, 2020, 125, 47-56.	2.4	16
117	Hip internal and external rotation range of motion reliability in youth baseball players. Journal of Sports Medicine and Physical Fitness, 2020, 61, 75-79.	0.4	2
118	Reporting guidelines should be free to publish, read, and use. Journal of Global Health, 2020, 10, 0203107.	1.2	3
119	Of Railroads and Roller Coasters. Anesthesiology, 2020, 133, 489-492.	1.3	1
120	Outpatient physiotherapy versus home-based rehabilitation for patients at risk of poor outcomes after knee arthroplasty: CORKA RCT. Health Technology Assessment, 2020, 24, 1-116.	1.3	62
121	Reporting of methodological studies in health research: a protocol for the development of the Methodological STudy reporting Checklist (MISTIC). BMJ Open, 2020, 10, e040478.	0.8	3
122	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
123	Sample size for binary logistic prediction models: Beyond events per variable criteria. Statistical Methods in Medical Research, 2019, 28, 2455-2474.	0.7	296
124	Statistics versus machine learning: definitions are interesting (but understanding, methodology, and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf	2.4	17
125	Predictive analytics in health care: how can we know it works?. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 1651-1654.	2.2	110
126	Inadequate description of placebo and sham controls in a systematicÂreview of recent trials. European Journal of Clinical Investigation, 2019, 49, e13169.	1.7	11

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127	The association between type 2 diabetes mellitus, hip fracture, and post-hip fracture mortality: a multi-state cohort analysis. Osteoporosis International, 2019, 30, 2407-2415.	1.3	42
128	Physical activity and health-related quality of life in former cricketers with persistent upper-limb or lower-limb joint pain. Osteoarthritis and Cartilage, 2019, 27, S227-S228.	0.6	0
129	Global, regional and national burden of rheumatoid arthritis 1990â€“2017: a systematic analysis of the Global Burden of Disease study 2017. Annals of the Rheumatic Diseases, 2019, 78, 1463-1471.	0.5	444
130	Modeling strategies to improve parameter estimates in prognostic factors analyses with patient-reported outcomes in oncology. Quality of Life Research, 2019, 28, 1315-1325.	1.5	4
131	A guide to systematic review and meta-analysis of prognostic factor studies. BMJ: British Medical Journal, 2019, 364, k4597.	2.4	389
132	Reply to: NEWS2 needs to be tested in prospective trials involving patients with confirmed hypercapnia. Resuscitation, 2019, 139, 371-372.	1.3	0
133	Regarding A Nomogram to Predict Osteoradionecrosis in Oral Cancer After Marginal Mandibulectomy and Radiotherapy. Laryngoscope, 2019, 129, E343.	1.1	0
134	The National Early Warning Score 2 (NEWS2). Clinical Medicine, 2019, 19, 260-260.	0.8	77
135	Letter by Doosti-Irani et al Regarding Article, â€œAssociations of Variability in Blood Pressure, Glucose and Cholesterol Concentrations, and Body Mass Index With Mortality and Cardiovascular Outcomes in the General Populationâ€. Circulation, 2019, 139, e909-e910.	1.6	0
136	Artificial Intelligence Algorithms for Medical Prediction Should Be Nonproprietary and Readily Available. JAMA Internal Medicine, 2019, 179, 731.	2.6	7
137	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
138	The odds of hand pain and osteoarthritis in individuals with a history of cricket-related hand injury. Osteoarthritis and Cartilage, 2019, 27, S48-S49.	0.6	0
139	Reporting of artificial intelligence prediction models. Lancet, The, 2019, 393, 1577-1579.	6.3	459
140	Guide to presenting clinical prediction models for use in clinical settings. BMJ: British Medical Journal, 2019, 365, l737.	2.4	102
141	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.	2.4	992
142	Propensity score methods and regression adjustment for analysis of nonrandomized studies with healthâ€related quality of life outcomes. Pharmacoepidemiology and Drug Safety, 2019, 28, 690-699.	0.9	13
143	The Fragility and Reliability of Conclusions of Anesthesia and Critical Care Randomized Trials With Statistically Significant Findings: A Systematic Review*. Critical Care Medicine, 2019, 47, 456-462.	0.4	34
144	Serious adverse events and lifetime risk of reoperation after elective shoulder replacement: population based cohort study using hospital episode statistics for England. BMJ: British Medical Journal, 2019, 364, l298.	2.4	47

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145	Design choices for observational studies of the effect of exposure on disease incidence. BMJ Open, 2019, 9, e031031.	0.8	25
146	Physical activity and health-related quality of life in former elite and recreational cricketers from the UK with upper extremity or lower extremity persistent joint pain: a cross-sectional study. BMJ Open, 2019, 9, e032606.	0.8	9
147	Interim PET-results for prognosis in adults with Hodgkin lymphoma: a systematic review and meta-analysis of prognostic factor studies. The Cochrane Library, 2019, 9, CD012643.	1.5	12
148	PROBAST: A Tool to Assess the Risk of Bias and Applicability of Prediction Model Studies. Annals of Internal Medicine, 2019, 170, 51.	2.0	1,066
149	PROBAST: A Tool to Assess Risk of Bias and Applicability of Prediction Model Studies: Explanation and Elaboration. Annals of Internal Medicine, 2019, 170, W1.	2.0	696
150	Defining Faecal Calprotectin Thresholds as a Surrogate for Endoscopic and Histological Disease Activity in Ulcerative Colitisâ€"a Prospective Analysis. Journal of Crohn's and Colitis, 2019, 13, 424-430.	0.6	54
151	Use of G-methods for handling time-varying confounding in observational research. The Lancet Global Health, 2019, 7, e35.	2.9	9
152	Minimum sample size for developing a multivariable prediction model: Part IÂâ€"ÂContinuous outcomes. Statistics in Medicine, 2019, 38, 1262-1275.	0.8	143
153	Minimum sample size for developing a multivariable prediction model: PART II â€•binary and timeâ€toâ€event outcomes. Statistics in Medicine, 2019, 38, 1276-1296.	0.8	480
154	A comparison of the ability of the National Early Warning Score and the National Early Warning Score 2 to identify patients at risk of in-hospital mortality: A multi-centre database study. Resuscitation, 2019, 134, 147-156.	1.3	104
155	A robust imputation method for missing responses and covariates in sample selection models. Statistical Methods in Medical Research, 2019, 28, 102-116.	0.7	8
156	Predicting patient-reported and objectively measured functional outcome 6 months after ankle fracture in people aged 60 years or over in the UK: prognostic model development and internal validation. BMJ Open, 2019, 9, e029813.	0.8	6
157	Competing risk survival analysis of time to in-hospital death or discharge in a large urban neonatal unit in Kenya. Wellcome Open Research, 2019, 4, 96.	0.9	6
158	Real-time data monitoring for ulcerative colitis: patient perception and qualitative analysis. Intestinal Research, 2019, 17, 365-374.	1.0	12
159	Treatment of first-time traumatic anterior shoulder dislocation: the UK TASH-D cohort study. Health Technology Assessment, 2019, 23, 1-104.	1.3	12
160	The prognostic value of patient-reported outcomes (PROs) for survival outcomes in cancer patients: A systematic review.. Journal of Clinical Oncology, 2019, 37, e18223-e18223.	0.8	0
161	Justify your alpha. Nature Human Behaviour, 2018, 2, 168-171.	6.2	310
162	Differential Mortality and the Excess Rates of Hip Fracture Associated With Type 2 Diabetes: Accounting for Competing Risks in Fracture Prediction Matters. Journal of Bone and Mineral Research, 2018, 33, 1417-1421.	3.1	27

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163	Consequences of relying on statistical significance: Some illustrations. European Journal of Clinical Investigation, 2018, 48, e12912.	1.7	26
164	Predictive performance of penalized beta regression model for continuous bounded outcomes. Journal of Applied Statistics, 2018, 45, 1030-1040.	0.6	6
165	The Reporting Items for Patent Landscapes statement. Nature Biotechnology, 2018, 36, 1043-1047.	9.4	19
166	Evaluating methodological quality of Prognostic models Including Patient-reported HeAlth outcomes iN oncologY (EPIPHANY): a systematic review protocol. BMJ Open, 2018, 8, e025054.	0.8	6
167	Development and prospective external validation of a tool to predict poor recovery at 9 months after acute ankle sprain in UK emergency departments: the SPRAINED prognostic model. BMJ Open, 2018, 8, e022802.	0.8	5
168	Better Outcomes for Older people with Spinal Trouble (BOOST) Trial: a randomised controlled trial of a combined physical and psychological intervention for older adults with neurogenic claudication, a protocol. BMJ Open, 2018, 8, e022205.	0.8	16
169	Overinterpretation and misreporting of prognostic factor studies in oncology: a systematic review. British Journal of Cancer, 2018, 119, 1288-1296.	2.9	25
170	Fracture risk in type 2 diabetic patients: A clinical prediction tool based on a large population-based cohort. PLoS ONE, 2018, 13, e0203533.	1.1	7
171	Measurement error and timing of predictor values for multivariable risk prediction models are poorly reported. Journal of Clinical Epidemiology, 2018, 102, 38-49.	2.4	16
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