Gary S Collins

List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Transparent Reporting of a multivariable prediction model for Individual Prognosis Or Diagnosis (TRIPOD): Explanation and Elaboration. Annals of Internal Medicine, 2015, 162, W1-W73.	3.9	3,068
2	Prediction models for diagnosis and prognosis of covid-19: systematic review and critical appraisal. BMJ, The, 2020, 369, m1328.	6.0	2,134
3	Transparent reporting of a multivariable prediction model for individual prognosis or diagnosis (TRIPOD): the TRIPOD statement. BMJ, The, 2015, 350, g7594-g7594.	6.0	1,842
4	Transparent Reporting of a multivariable prediction model for Individual Prognosis Or Diagnosis (TRIPOD): The TRIPOD Statement. Annals of Internal Medicine, 2015, 162, 55-63.	3.9	1,807
5	Transparent reporting of a multivariable prediction model for individual prognosis or diagnosis (TRIPOD): the TRIPOD Statement. BMC Medicine, 2015, 13, 1.	5.5	1,273
6	PROBAST: A Tool to Assess the Risk of Bias and Applicability of Prediction Model Studies. Annals of Internal Medicine, 2019, 170, 51.	3.9	1,066
7	Critical Appraisal and Data Extraction for Systematic Reviews of Prediction Modelling Studies: The CHARMS Checklist. PLoS Medicine, 2014, 11, e1001744.	8.4	1,036
8	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
9	Calculating the sample size required for developing a clinical prediction model. BMJ, The, 2020, 368, m441.	6.0	804
10	Transparent reporting of a multivariable prediction model for individual prognosis or diagnosis (TRIPOD): The TRIPOD statement. British Journal of Cancer, 2015, 112, 251-259.	6.4	752
11	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.	0.9	732
12	PROBAST: A Tool to Assess Risk of Bias and Applicability of Prediction Model Studies: Explanation and Elaboration. Annals of Internal Medicine, 2019, 170, W1.	3.9	696
13	Guidelines for Accurate and Transparent Health Estimates Reporting: the GATHER statement. Lancet, The, 2016, 388, e19-e23.	13.7	687
14	Transparent Reporting of a multivariable prediction model for Individual Prognosis Or Diagnosis (TRIPOD): the TRIPOD Statement. British Journal of Surgery, 2015, 102, 148-158.	0.3	582
15	Prediction models for cardiovascular disease risk in the general population: systematic review. BMJ, The, 2016, 353, i2416.	6.0	543
16	Artificial intelligence versus clinicians: systematic review of design, reporting standards, and claims of deep learning studies. BMJ, The, 2020, 368, m689.	6.0	509
17	Selection of single blastocysts for fresh transfer via standard morphology assessment alone and with array CGH for good prognosis IVF patients: results from a randomized pilot study. Molecular Cytogenetics, 2012, 5, 24.	0.9	488
18	External validation of multivariable prediction models: a systematic review of methodological conduct and reporting. BMC Medical Research Methodology, 2014, 14, 40.	3.1	483

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19	Minimum sample size for developing a multivariable prediction model: PART II ―binary and timeâ€ŧoâ€event outcomes. Statistics in Medicine, 2019, 38, 1276-1296.	1.6	480
20	Reporting of artificial intelligence prediction models. Lancet, The, 2019, 393, 1577-1579.	13.7	459
21	Global, regional and national burden of rheumatoid arthritis 1990–2017: a systematic analysis of the Global Burden of Disease study 2017. Annals of the Rheumatic Diseases, 2019, 78, 1463-1471.	0.9	444
22	Sample size considerations for the external validation of a multivariable prognostic model: a resampling study. Statistics in Medicine, 2016, 35, 214-226.	1.6	433
23	Transparent Reporting of a Multivariable Prediction Model for Individual Prognosis or Diagnosis (TRIPOD). Circulation, 2015, 131, 211-219.	1.6	432
24	Developing risk prediction models for type 2 diabetes: a systematic review of methodology and reporting. BMC Medicine, 2011, 9, 103.	5.5	393
25	A guide to systematic review and meta-analysis of prognostic factor studies. BMJ: British Medical Journal, 2019, 364, k4597.	2.3	389
26	Reporting guidelines for clinical trial reports for interventions involving artificial intelligence: the CONSORT-AI extension. Nature Medicine, 2020, 26, 1364-1374.	30.7	353
27	External validation of clinical prediction models using big datasets from e-health records or IPD meta-analysis: opportunities and challenges. BMJ, The, 2016, 353, i3140.	6.0	327
28	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.	1.9	313
29	Justify your alpha. Nature Human Behaviour, 2018, 2, 168-171.	12.0	310
30	Transparent Reporting of a multivariable prediction model for Individual Prognosis Or Diagnosis (TRIPOD). Annals of Internal Medicine, 2015, 162, 735-736.	3.9	302
31	Transparent Reporting of a Multivariable Prediction Model for Individual Prognosis or Diagnosis (TRIPOD): The TRIPOD Statement. European Urology, 2015, 67, 1142-1151.	1.9	299
32	Sample size for binary logistic prediction models: Beyond events per variable criteria. Statistical Methods in Medical Research, 2019, 28, 2455-2474.	1.5	296
33	Transparent Reporting of a Multivariable Prediction Model for Individual Prognosis Or Diagnosis (TRIPOD): the TRIPOD statement. Journal of Clinical Epidemiology, 2015, 68, 112-121.	5.0	283
34	No rationale for 1 variable per 10 events criterion for binary logistic regression analysis. BMC Medical Research Methodology, 2016, 16, 163.	3.1	281
35	Adequate sample size for developing prediction models is not simply related to events per variable. Journal of Clinical Epidemiology, 2016, 76, 175-182.	5.0	281
36	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.	6.0	279

#	Article	IF	CITATIONS
37	Double-adjustment in propensity score matching analysis: choosing a threshold for considering residual imbalance. BMC Medical Research Methodology, 2017, 17, 78.	3.1	273
38	Guidelines for clinical trial protocols for interventions involving artificial intelligence: the SPIRIT-AI extension. Nature Medicine, 2020, 26, 1351-1363.	30.7	251
39	Machine learning and artificial intelligence research for patient benefit: 20 critical questions on transparency, replicability, ethics, and effectiveness. BMJ, The, 2020, 368, I6927.	6.0	219
40	Use of placebo controls in the evaluation of surgery: systematic review. BMJ, The, 2014, 348, g3253-g3253.	6.0	209
41	An independent and external validation of QRISK2 cardiovascular disease risk score: a prospective open cohort study. BMJ: British Medical Journal, 2010, 340, c2442-c2442.	2.3	199
42	Interpreting diagnostic accuracy studies for patient care. BMJ, The, 2012, 345, e3999-e3999.	6.0	199
43	Predicting the 10 year risk of cardiovascular disease in the United Kingdom: independent and external validation of an updated version of QRISK2. BMJ, The, 2012, 344, e4181-e4181.	6.0	195
44	Guidelines for Accurate and Transparent Health Estimates Reporting: the GATHER statement. PLoS Medicine, 2016, 13, e1002056.	8.4	192
45	Handling time varying confounding in observational research. BMJ: British Medical Journal, 2017, 359, j4587.	2.3	191
46	A Guideline for Reporting Mediation Analyses of Randomized Trials and Observational Studies. JAMA - Journal of the American Medical Association, 2021, 326, 1045.	7.4	169
47	Early warning scores for detecting deterioration in adult hospital patients: systematic review and critical appraisal of methodology. BMJ, The, 2020, 369, m1501.	6.0	162
48	Prevalence, Deaths, and Disabilityâ€Adjusted Life Years Due to Musculoskeletal Disorders for 195 Countries and Territories 1990–2017. Arthritis and Rheumatology, 2021, 73, 702-714.	5.6	154
49	A systematic review finds prediction models for chronic kidney disease were poorly reported and often developed using inappropriate methods. Journal of Clinical Epidemiology, 2013, 66, 268-277.	5.0	153
50	Preoperative Score to Predict Postoperative Mortality (POSPOM). Anesthesiology, 2016, 124, 570-579.	2.5	153
51	Outcomes After Hip Fracture Surgery Compared With Elective Total Hip Replacement. JAMA - Journal of the American Medical Association, 2015, 314, 1159.	7.4	149
52	An independent external validation and evaluation of QRISK cardiovascular risk prediction: a prospective open cohort study. BMJ: British Medical Journal, 2009, 339, b2584-b2584.	2.3	148
53	Minimum sample size for developing a multivariable prediction model: Part I–ÂContinuous outcomes. Statistics in Medicine, 2019, 38, 1262-1275.	1.6	143
54	Burden of anemia and its underlying causes in 204 countries and territories, 1990–2019: results from the Global Burden of Disease Study 2019. Journal of Hematology and Oncology, 2021, 14, 185.	17.0	139

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55	Symptoms in Children/Young People With Progressive Malignant Disease: United Kingdom Children's Cancer Study Group/Paediatric Oncology Nurses Forum Survey. Pediatrics, 2006, 117, e1179-e1186.	2.1	138
56	Prognostic models in obstetrics: available, but far from applicable. American Journal of Obstetrics and Gynecology, 2016, 214, 79-90.e36.	1.3	138
57	Guidelines for clinical trial protocols for interventions involving artificial intelligence: the SPIRIT-AI extension. The Lancet Digital Health, 2020, 2, e549-e560.	12.3	135
58	Mature and Immature Extracranial Teratomas in Children: The UK Children's Cancer Study Group Experience. Journal of Clinical Oncology, 2008, 26, 3590-3597.	1.6	132
59	Restrictive versus liberal blood transfusion for gastrointestinal bleeding: a systematic review and meta-analysis of randomised controlled trials. The Lancet Gastroenterology and Hepatology, 2017, 2, 354-360.	8.1	131
60	Reporting guideline for the early-stage clinical evaluation of decision support systems driven by artificial intelligence: DECIDE-AI. Nature Medicine, 2022, 28, 924-933.	30.7	125
61	Compliance and use of the World Health Organization checklist in UK operating theatres. British Journal of Surgery, 2013, 100, 1664-1670.	0.3	124
62	Prognostic models for identifying risk of poor outcome in people with acute ankle sprains: the SPRAINED development and external validation study. Health Technology Assessment, 2018, 22, 1-112.	2.8	124
63	Statistical Primer: developing and validating a risk prediction modelâ€. European Journal of Cardio-thoracic Surgery, 2018, 54, 203-208.	1.4	123
64	Minimum sample size for external validation of a clinical prediction model with a binary outcome. Statistics in Medicine, 2021, 40, 4230-4251.	1.6	122
65	The rise of big clinical databases. British Journal of Surgery, 2015, 102, e93-e101.	0.3	119
66	Risk of bias in studies on prediction models developed using supervised machine learning techniques: systematic review. BMJ, The, 2021, 375, n2281.	6.0	116
67	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.	1.5	115
68	Place and Provision of Palliative Care for Children With Progressive Cancer: A Study by the Paediatric Oncology Nurses' Forum/United Kingdom Children's Cancer Study Group Palliative Care Working Group. Journal of Clinical Oncology, 2007, 25, 4472-4476.	1.6	113
69	Oxford NOTECHS II: A Modified Theatre Team Non-Technical Skills Scoring System. PLoS ONE, 2014, 9, e90320.	2.5	112
70	Reporting guidelines for clinical trial reports for interventions involving artificial intelligence: the CONSORT-AI extension. The Lancet Digital Health, 2020, 2, e537-e548.	12.3	112
71	Predictive analytics in health care: how can we know it works?. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 1651-1654.	4.4	110
72	New Guideline for the Reporting of Studies Developing, Validating, or Updating a Multivariable Clinical Prediction Model. Advances in Anatomic Pathology, 2015, 22, 303-305.	4.3	106

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73	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.	3.0	104
74	Quantifying the impact of different approaches for handling continuous predictors on the performance of a prognostic model. Statistics in Medicine, 2016, 35, 4124-4135.	1.6	103
75	Prevalence, Incidence, and Years Lived With Disability Due to Gout and Its Attributable Risk Factors for 195 Countries and Territories 1990–2017: A Systematic Analysis of the Global Burden of Disease Study 2017. Arthritis and Rheumatology, 2020, 72, 1916-1927.	5.6	103
76	Guide to presenting clinical prediction models for use in clinical settings. BMJ: British Medical Journal, 2019, 365, 1737.	2.3	102
77	Developing a reporting guideline for artificial intelligence-centred diagnostic test accuracy studies: the STARD-AI protocol. BMJ Open, 2021, 11, e047709.	1.9	102
78	Predicting risk of osteoporotic and hip fracture in the United Kingdom: prospective independent and external validation of QFractureScores. BMJ: British Medical Journal, 2011, 342, d3651-d3651.	2.3	101
79	DECIDE-AI: new reporting guidelines to bridge the development-to-implementation gap in clinical artificial intelligence. Nature Medicine, 2021, 27, 186-187.	30.7	100
80	Derivation and validation of a novel risk score for safe discharge after acute lower gastrointestinal bleeding: a modelling study. The Lancet Gastroenterology and Hepatology, 2017, 2, 635-643.	8.1	99
81	Poor reporting of multivariable prediction model studies: towards a targeted implementation strategy of the TRIPOD statement. BMC Medicine, 2018, 16, 120.	5.5	99
82	Global, regional, and national burden of migraine in 204 countries and territories, 1990 to 2019. Pain, 2022, 163, e293-e309.	4.2	98
83	STRengthening Analytical Thinking for Observational Studies: the STRATOS initiative. Statistics in Medicine, 2014, 33, 5413-5432.	1.6	94
84	Development and validation of response markers to predict survival and pleurodesis success in patients with malignant pleural effusion (PROMISE): a multicohort analysis. Lancet Oncology, The, 2018, 19, 930-939.	10.7	92
85	Comparing risk prediction models. BMJ, The, 2012, 344, e3186-e3186.	6.0	90
86	A CHecklist for statistical Assessment of Medical Papers (the CHAMP statement): explanation and elaboration. British Journal of Sports Medicine, 2021, 55, 1009-1017.	6.7	90
87	Framework for the impact analysis and implementation of Clinical Prediction Rules (CPRs). BMC Medical Informatics and Decision Making, 2011, 11, 62.	3.0	89
88	Comparing disease activity indices in ulcerative colitis. Journal of Crohn's and Colitis, 2014, 8, 318-325.	1.3	89
89	Overdiagnosis of bone fragility in the quest to prevent hip fracture. BMJ, The, 2015, 350, h2088-h2088.	6.0	89
90	Reflection on modern methods: demystifying robust standard errors for epidemiologists. International Journal of Epidemiology, 2021, 50, 346-351.	1.9	88

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91	Minimum sample size for external validation of a clinical prediction model with a continuous outcome. Statistics in Medicine, 2021, 40, 133-146.	1.6	82
92	The National Early Warning Score 2 (NEWS2). Clinical Medicine, 2019, 19, 260-260.	1.9	77
93	A quality assessment tool for artificial intelligence-centered diagnostic test accuracy studies: QUADAS-AI. Nature Medicine, 2021, 27, 1663-1665.	30.7	76
94	Impact of peer review on reports of randomised trials published in open peer review journals: retrospective before and after study. BMJ, The, 2014, 349, g4145-g4145.	6.0	74
95	Using Causal Diagrams to Improve the Design and Interpretation of Medical Research. Chest, 2020, 158, S21-S28.	0.8	73
96	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.	3.5	73
97	Incidence of shoulder dislocations in the UK, 1995–2015: a population-based cohort study. BMJ Open, 2017, 7, e016112.	1.9	70
98	Key steps and common pitfalls in developing and validating risk models. BJOG: an International Journal of Obstetrics and Gynaecology, 2017, 124, 423-432.	2.3	70
99	Reporting guideline for the early stage clinical evaluation of decision support systems driven by artificial intelligence: DECIDE-AI. BMJ, The, 2022, 377, e070904.	6.0	70
100	Past and projected temporal trends in arthroscopic hip surgery in England between 2002 and 2013. BMJ Open Sport and Exercise Medicine, 2016, 2, e000082.	2.9	69
101	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.	1.9	68
102	Burden of ischemicÂheart disease and its attributable risk factors in 204 countries and territories, 1990–2019. European Journal of Preventive Cardiology, 2022, 29, 420-431.	1.8	66
103	Patient-Reported Outcomes as Independent Prognostic Factors for Survival in Oncology: Systematic Review and Meta-Analysis. Value in Health, 2021, 24, 250-267.	0.3	63
104	Transparent Reporting of a Multivariable Prediction Model for Individual Prognosis or Diagnosis (<scp>TRIPOD</scp>): the <scp>TRIPOD</scp> statement. BJOG: an International Journal of Obstetrics and Gynaecology, 2015, 122, 434-443.	2.3	62
105	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.	2.8	62
106	Artificial Intelligence in Fracture Detection: A Systematic Review and Meta-Analysis. Radiology, 2022, 304, 50-62.	7.3	62
107	Health related quality of life in Middle Eastern children with beta-thalassemia. BMC Blood Disorders, 2012, 12, 6.	0.9	61
108	Protocol for a systematic review on the methodological and reporting quality of prediction model studies using machine learning techniques. BMJ Open, 2020, 10, e038832.	1.9	60

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109	Clinical prediction models: diagnosis versus prognosis. Journal of Clinical Epidemiology, 2021, 132, 142-145.	5.0	60
110	Risk assessment of fragility fractures: summary of NICE guidance. BMJ, The, 2012, 345, e3698-e3698.	6.0	59
111	The effect of teamwork training on team performance and clinical outcome in elective orthopaedic surgery: a controlled interrupted time series study. BMJ Open, 2015, 5, e006216-e006216.	1.9	57
112	Penalization and shrinkage methods produced unreliable clinical prediction models especially when sample size was small. Journal of Clinical Epidemiology, 2021, 132, 88-96.	5.0	55
113	Defining Faecal Calprotectin Thresholds as a Surrogate for Endoscopic and Histological Disease Activity in Ulcerative Colitis—a Prospective Analysis. Journal of Crohn's and Colitis, 2019, 13, 424-430.	1.3	54
114	Continual updating and monitoring of clinical prediction models: time for dynamic prediction systems?. Diagnostic and Prognostic Research, 2021, 5, 1.	1.8	54
115	Methodology over metrics: current scientific standards are a disservice to patients and society. Journal of Clinical Epidemiology, 2021, 138, 219-226.	5.0	54
116	Explicit inclusion of treatment in prognostic modeling was recommended in observational and randomized settings. Journal of Clinical Epidemiology, 2016, 78, 90-100.	5.0	53
117	Prospective Assessment of Health-Related Quality of Life in Pediatric Patients with Beta-Thalassemia following Hematopoietic Stem Cell Transplantation. Biology of Blood and Marrow Transplantation, 2011, 17, 861-866.	2.0	52
118	Reporting of participant flow diagrams in published reports of randomized trials. Trials, 2011, 12, 253.	1.6	52
119	TIDieR-Placebo: A guide and checklist for reporting placebo and sham controls. PLoS Medicine, 2020, 17, e1003294.	8.4	52
120	Reporting guideline checklists are not quality evaluation forms: they are guidance for writing. Health Science Reports, 2020, 3, e165.	1.5	52
121	Global, regional, and national burden of other musculoskeletal disorders 1990–2017: results from the Global Burden of Disease Study 2017. Rheumatology, 2021, 60, 855-865.	1.9	52
122	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.	5.0	52
123	Modification and validation of the Revised Diabetes Knowledge Scale. Diabetic Medicine, 2011, 28, 306-310.	2.3	51
124	Feasibility of surgical randomised controlled trials with a placebo arm: a systematic review. BMJ Open, 2016, 6, e010194.	1.9	51
125	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
126	External validation of QDSCORE [®] for predicting the 10â€year risk of developing Type 2 diabetes. Diabetic Medicine, 2011, 28, 599-607.	2.3	50

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127	Early warning scores for detecting deterioration in adult hospital patients: a systematic review protocol. BMJ Open, 2017, 7, e019268.	1.9	49
128	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.	5.0	49
129	Opioid Use in Palliative Care of Children and Young People with Cancer. Journal of Pediatrics, 2008, 152, 39-44.	1.8	48
130	Fracture Risk Assessment: State of the Art, Methodologically Unsound, or Poorly Reported?. Current Osteoporosis Reports, 2012, 10, 199-207.	3.6	48
131	Simple randomization did not protect against bias in smaller trials. Journal of Clinical Epidemiology, 2017, 84, 105-113.	5.0	48
132	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.	2.9	48
133	Impact of Perioperative Bleeding on the Protective Effect of β-Blockers during Infrarenal Aortic Reconstruction. Anesthesiology, 2012, 117, 1203-1211.	2.5	47
134	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, 1298.	2.3	47
135	TRIPOD statement: a preliminary pre-post analysis of reporting and methods of prediction models. BMJ Open, 2020, 10, e041537.	1.9	47
136	The current status of risk-stratified breast screening. British Journal of Cancer, 2022, 126, 533-550.	6.4	47
137	Identifying patients with undetected colorectal cancer: an independent validation of QCancer (Colorectal). British Journal of Cancer, 2012, 107, 260-265.	6.4	46
138	Prospective validation of the RAPID clinical risk prediction score in adult patients with pleural infection: the PILOT study. European Respiratory Journal, 2020, 56, 2000130.	6.7	46
139	Securing recruitment and obtaining informed consent in minority ethnic groups in the UK. BMC Health Services Research, 2008, 8, 68.	2.2	45
140	Completeness of reporting of clinical prediction models developed using supervised machine learning: a systematic review. BMC Medical Research Methodology, 2022, 22, 12.	3.1	45
141	To Adjust or Not to Adjust: The Role of Different Covariates in Cardiovascular Observational Studies. American Heart Journal, 2021, 237, 62-67.	2.7	44
142	A combined teamwork training and work standardisation intervention in operating theatres: controlled interrupted time series study. BMJ Quality and Safety, 2015, 24, 111-119.	3.7	43
143	Combining Systems and Teamwork Approaches to Enhance the Effectiveness of Safety Improvement Interventions in Surgery. Annals of Surgery, 2017, 265, 90-96.	4.2	43
144	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.	3.1	42

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145	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.	0.9	42
146	Transparent Reporting of Multivariable Prediction Models in Journal and Conference Abstracts: TRIPOD for Abstracts. Annals of Internal Medicine, 2020, 173, 42-47.	3.9	40
147	CHecklist for statistical Assessment of Medical Papers: the CHAMP statement. British Journal of Sports Medicine, 2021, 55, 1002-1003.	6.7	39
148	Transparent reporting of a multivariable prediction model for individual prognosis or diagnosis (<scp>TRIPOD</scp>): the <scp>TRIPOD S</scp> tatement. European Journal of Clinical Investigation, 2015, 45, 204-214.	3.4	38
149	Association of Tramadol vs Codeine Prescription Dispensation With Mortality and Other Adverse Clinical Outcomes. JAMA - Journal of the American Medical Association, 2021, 326, 1504.	7.4	38
150	Lower limb arthroplasty: can we produce a tool to predict outcome and failure, and is it cost-effective? An epidemiological study. Programme Grants for Applied Research, 2017, 5, 1-246.	1.0	36
151	Methodological conduct of prognostic prediction models developed using machine learning in oncology: a systematic review. BMC Medical Research Methodology, 2022, 22, 101.	3.1	36
152	Conflicts at the heart of the FRAX tool. Cmaj, 2014, 186, 165-167.	2.0	34
153	The magnitude and temporal changes of response in the placebo arm of surgical randomized controlled trials: a systematic review and meta-analysis. Trials, 2016, 17, 589.	1.6	34
154	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.	0.9	34
155	Quality Improvement in Surgery Combining Lean Improvement Methods with Teamwork Training: A Controlled Before-After Study. PLoS ONE, 2015, 10, e0138490.	2.5	34
156	Minimum sample size calculations for external validation of a clinical prediction model with a timeâ€ŧoâ€event outcome. Statistics in Medicine, 2022, 41, 1280-1295.	1.6	34
157	Capturing intraoperative process deviations using a direct observational approach: the glitch method. BMJ Open, 2013, 3, e003519.	1.9	31
158	Predicting the adverse risk of statin treatment: an independent and external validation of Qstatin risk scores in the UK. Heart, 2012, 98, 1091-1097.	2.9	30
159	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.	0.8	29
160	Control chart methods for monitoring surgical performance: A case study from gastro-oesophageal surgery. European Journal of Surgical Oncology, 2011, 37, 473-480.	1.0	28
161	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.	0.8	28
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.	2.8	27

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163	Comparing treatment effects between propensity scores and randomized controlled trials: improving conduct and reporting. European Heart Journal, 2012, 33, 1867-1869.	2.2	26
164	Identifying patients with undetected gastro-oesophageal cancer in primary care: External validation of QCancer® (Gastro-Oesophageal). European Journal of Cancer, 2013, 49, 1040-1048.	2.8	26
165	Identifying women with undetected ovarian cancer: independent and external validation of QCancer [®] (Ovarian) prediction model. European Journal of Cancer Care, 2013, 22, 423-429.	1.5	26
166	Maximising value from a United Kingdom Biomedical Research Centre: study protocol. Health Research Policy and Systems, 2017, 15, 70.	2.8	26
167	Consequences of relying on statistical significance: Some illustrations. European Journal of Clinical Investigation, 2018, 48, e12912.	3.4	26
168	Development of alternative methods of data collection in South Asians with TypeÂ2 diabetes. Diabetic Medicine, 2008, 25, 455-462.	2.3	25
169	Effectiveness of facilitated introduction of a standard operating procedure into routine processes in the operating theatre: a controlled interrupted time series. BMJ Quality and Safety, 2015, 24, 120-127.	3.7	25
170	Overinterpretation and misreporting of prognostic factor studies in oncology: a systematic review. British Journal of Cancer, 2018, 119, 1288-1296.	6.4	25
171	Design choices for observational studies of the effect of exposure on disease incidence. BMJ Open, 2019, 9, e031031.	1.9	25
172	Clinical Prediction Models in Sports Medicine: A Guide for Clinicians and Researchers. Journal of Orthopaedic and Sports Physical Therapy, 2021, 51, 517-525.	3.5	25
173	Change of Diffusion Mechanism with Lattice Parameter in the Series of Lanthanide Indides Having <mml:math <br="" xmlns:mml="http://www.w3.org/1998/Math/MathML">display="inline"><mml:mi>L</mml:mi><mml:msub><mml:mn>1</mml:mn><mml:mn>2</mml:mn></mml:msub> Physical Review Letters, 2009, 102, 155901.</mml:math>	⊳ <del 7.8ml:m	ath> ²⁴ Structur
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