

Gary S Collins

List of Publications by Year in descending order

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Version: 2024-02-01

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	Transparent Reporting of a multivariable prediction model for Individual Prognosis Or Diagnosis (TRIPOD): Explanation and Elaboration. <i>Annals of Internal Medicine</i> , 2015, 162, W1-W73.	2.0	3,068
2	Prediction models for diagnosis and prognosis of covid-19: systematic review and critical appraisal. <i>BMJ, The</i> , 2020, 369, m1328.	3.0	2,134
3	Transparent reporting of a multivariable prediction model for individual prognosis or diagnosis (TRIPOD): the TRIPOD statement. <i>BMJ, The</i> , 2015, 350, g7594-g7594.	3.0	1,842
4	Transparent Reporting of a multivariable prediction model for Individual Prognosis Or Diagnosis (TRIPOD): The TRIPOD Statement. <i>Annals of Internal Medicine</i> , 2015, 162, 55-63.	2.0	1,807
5	Transparent reporting of a multivariable prediction model for individual prognosis or diagnosis (TRIPOD): the TRIPOD Statement. <i>BMC Medicine</i> , 2015, 13, 1.	2.3	1,273
6	PROBAST: A Tool to Assess the Risk of Bias and Applicability of Prediction Model Studies. <i>Annals of Internal Medicine</i> , 2019, 170, 51.	2.0	1,066
7	Critical Appraisal and Data Extraction for Systematic Reviews of Prediction Modelling Studies: The CHARMS Checklist. <i>PLoS Medicine</i> , 2014, 11, e1001744.	3.9	1,036
8	A systematic review shows no performance benefit of machine learning over logistic regression for clinical prediction models. <i>Journal of Clinical Epidemiology</i> , 2019, 110, 12-22.	2.4	992
9	Calculating the sample size required for developing a clinical prediction model. <i>BMJ, The</i> , 2020, 368, m441.	3.0	804
10	Transparent reporting of a multivariable prediction model for individual prognosis or diagnosis (TRIPOD): The TRIPOD statement. <i>British Journal of Cancer</i> , 2015, 112, 251-259.	2.9	752
11	Global, regional and national burden of osteoarthritis 1990-2017: a systematic analysis of the Global Burden of Disease Study 2017. <i>Annals of the Rheumatic Diseases</i> , 2020, 79, 819-828.	0.5	732
12	PROBAST: A Tool to Assess Risk of Bias and Applicability of Prediction Model Studies: Explanation and Elaboration. <i>Annals of Internal Medicine</i> , 2019, 170, W1.	2.0	696
13	Guidelines for Accurate and Transparent Health Estimates Reporting: the GATHER statement. <i>Lancet, The</i> , 2016, 388, e19-e23.	6.3	687
14	Transparent Reporting of a multivariable prediction model for Individual Prognosis Or Diagnosis (TRIPOD): the TRIPOD Statement. <i>British Journal of Surgery</i> , 2015, 102, 148-158.	0.1	582
15	Prediction models for cardiovascular disease risk in the general population: systematic review. <i>BMJ, The</i> , 2016, 353, i2416.	3.0	543
16	Artificial intelligence versus clinicians: systematic review of design, reporting standards, and claims of deep learning studies. <i>BMJ, The</i> , 2020, 368, m689.	3.0	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. <i>Molecular Cytogenetics</i> , 2012, 5, 24.	0.4	488
18	External validation of multivariable prediction models: a systematic review of methodological conduct and reporting. <i>BMC Medical Research Methodology</i> , 2014, 14, 40.	1.4	483

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19	Minimum sample size for developing a multivariable prediction model: PART II –binary and time-to-event outcomes. <i>Statistics in Medicine</i> , 2019, 38, 1276-1296.	0.8	480
20	Reporting of artificial intelligence prediction models. <i>Lancet, The</i> , 2019, 393, 1577-1579.	6.3	459
21	Global, regional and national burden of rheumatoid arthritis 1990–2017: a systematic analysis of the Global Burden of Disease study 2017. <i>Annals of the Rheumatic Diseases</i> , 2019, 78, 1463-1471.	0.5	444
22	Sample size considerations for the external validation of a multivariable prognostic model: a resampling study. <i>Statistics in Medicine</i> , 2016, 35, 214-226.	0.8	433
23	Transparent Reporting of a Multivariable Prediction Model for Individual Prognosis or Diagnosis (TRIPOD). <i>Circulation</i> , 2015, 131, 211-219.	1.6	432
24	Developing risk prediction models for type 2 diabetes: a systematic review of methodology and reporting. <i>BMC Medicine</i> , 2011, 9, 103.	2.3	393
25	A guide to systematic review and meta-analysis of prognostic factor studies. <i>BMJ: British Medical Journal</i> , 2019, 364, k4597.	2.4	389
26	Reporting guidelines for clinical trial reports for interventions involving artificial intelligence: the CONSORT-AI extension. <i>Nature Medicine</i> , 2020, 26, 1364-1374.	15.2	353
27	External validation of clinical prediction models using big datasets from e-health records or IPD meta-analysis: opportunities and challenges. <i>BMJ, The</i> , 2016, 353, i3140.	3.0	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. <i>BMJ Open</i> , 2021, 11, e048008.	0.8	313
29	Justify your alpha. <i>Nature Human Behaviour</i> , 2018, 2, 168-171.	6.2	310
30	Transparent Reporting of a multivariable prediction model for Individual Prognosis Or Diagnosis (TRIPOD). <i>Annals of Internal Medicine</i> , 2015, 162, 735-736.	2.0	302
31	Transparent Reporting of a Multivariable Prediction Model for Individual Prognosis or Diagnosis (TRIPOD): The TRIPOD Statement. <i>European Urology</i> , 2015, 67, 1142-1151.	0.9	299
32	Sample size for binary logistic prediction models: Beyond events per variable criteria. <i>Statistical Methods in Medical Research</i> , 2019, 28, 2455-2474.	0.7	296
33	Transparent Reporting of a Multivariable Prediction Model for Individual Prognosis Or Diagnosis (TRIPOD): the TRIPOD statement. <i>Journal of Clinical Epidemiology</i> , 2015, 68, 112-121.	2.4	283
34	No rationale for 1 variable per 10 events criterion for binary logistic regression analysis. <i>BMC Medical Research Methodology</i> , 2016, 16, 163.	1.4	281
35	Adequate sample size for developing prediction models is not simply related to events per variable. <i>Journal of Clinical Epidemiology</i> , 2016, 76, 175-182.	2.4	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. <i>BMJ, The</i> , 2020, 368, m791.	3.0	279

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37	Double-adjustment in propensity score matching analysis: choosing a threshold for considering residual imbalance. <i>BMC Medical Research Methodology</i> , 2017, 17, 78.	1.4	273
38	Guidelines for clinical trial protocols for interventions involving artificial intelligence: the SPIRIT-AI extension. <i>Nature Medicine</i> , 2020, 26, 1351-1363.	15.2	251
39	Machine learning and artificial intelligence research for patient benefit: 20 critical questions on transparency, replicability, ethics, and effectiveness. <i>BMJ, The</i> , 2020, 368, l6927.	3.0	219
40	Use of placebo controls in the evaluation of surgery: systematic review. <i>BMJ, The</i> , 2014, 348, g3253-g3253.	3.0	209
41	An independent and external validation of QRISK2 cardiovascular disease risk score: a prospective open cohort study. <i>BMJ: British Medical Journal</i> , 2010, 340, c2442-c2442.	2.4	199
42	Interpreting diagnostic accuracy studies for patient care. <i>BMJ, The</i> , 2012, 345, e3999-e3999.	3.0	199
43	Predicting the 10 year risk of cardiovascular disease in the United Kingdom: independent and external validation of an updated version of QRISK2. <i>BMJ, The</i> , 2012, 344, e4181-e4181.	3.0	195
44	Guidelines for Accurate and Transparent Health Estimates Reporting: the GATHER statement. <i>PLoS Medicine</i> , 2016, 13, e1002056.	3.9	192
45	Handling time varying confounding in observational research. <i>BMJ: British Medical Journal</i> , 2017, 359, j4587.	2.4	191
46	A Guideline for Reporting Mediation Analyses of Randomized Trials and Observational Studies. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 1045.	3.8	169
47	Early warning scores for detecting deterioration in adult hospital patients: systematic review and critical appraisal of methodology. <i>BMJ, The</i> , 2020, 369, m1501.	3.0	162
48	Prevalence, Deaths, and Disability-Adjusted Life Years Due to Musculoskeletal Disorders for 195 Countries and Territories 1990-2017. <i>Arthritis and Rheumatology</i> , 2021, 73, 702-714.	2.9	154
49	A systematic review finds prediction models for chronic kidney disease were poorly reported and often developed using inappropriate methods. <i>Journal of Clinical Epidemiology</i> , 2013, 66, 268-277.	2.4	153
50	Preoperative Score to Predict Postoperative Mortality (POSPOM). <i>Anesthesiology</i> , 2016, 124, 570-579.	1.3	153
51	Outcomes After Hip Fracture Surgery Compared With Elective Total Hip Replacement. <i>JAMA - Journal of the American Medical Association</i> , 2015, 314, 1159.	3.8	149
52	An independent external validation and evaluation of QRISK cardiovascular risk prediction: a prospective open cohort study. <i>BMJ: British Medical Journal</i> , 2009, 339, b2584-b2584.	2.4	148
53	Minimum sample size for developing a multivariable prediction model: Part I-Continuous outcomes. <i>Statistics in Medicine</i> , 2019, 38, 1262-1275.	0.8	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. <i>Journal of Hematology and Oncology</i> , 2021, 14, 185.	6.9	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. <i>Pediatrics</i> , 2006, 117, e1179-e1186.	1.0	138
56	Prognostic models in obstetrics: available, but far from applicable. <i>American Journal of Obstetrics and Gynecology</i> , 2016, 214, 79-90.e36.	0.7	138
57	Guidelines for clinical trial protocols for interventions involving artificial intelligence: the SPIRIT-AI extension. <i>The Lancet Digital Health</i> , 2020, 2, e549-e560.	5.9	135
58	Mature and Immature Extracranial Teratomas in Children: The UK Children's Cancer Study Group Experience. <i>Journal of Clinical Oncology</i> , 2008, 26, 3590-3597.	0.8	132
59	Restrictive versus liberal blood transfusion for gastrointestinal bleeding: a systematic review and meta-analysis of randomised controlled trials. <i>The Lancet Gastroenterology and Hepatology</i> , 2017, 2, 354-360.	3.7	131
60	Reporting guideline for the early-stage clinical evaluation of decision support systems driven by artificial intelligence: DECIDE-AI. <i>Nature Medicine</i> , 2022, 28, 924-933.	15.2	125
61	Compliance and use of the World Health Organization checklist in UK operating theatres. <i>British Journal of Surgery</i> , 2013, 100, 1664-1670.	0.1	124
62	Prognostic models for identifying risk of poor outcome in people with acute ankle sprains: the SPRAINED development and external validation study. <i>Health Technology Assessment</i> , 2018, 22, 1-112.	1.3	124
63	Statistical Primer: developing and validating a risk prediction model. <i>European Journal of Cardio-thoracic Surgery</i> , 2018, 54, 203-208.	0.6	123
64	Minimum sample size for external validation of a clinical prediction model with a binary outcome. <i>Statistics in Medicine</i> , 2021, 40, 4230-4251.	0.8	122
65	The rise of big clinical databases. <i>British Journal of Surgery</i> , 2015, 102, e93-e101.	0.1	119
66	Risk of bias in studies on prediction models developed using supervised machine learning techniques: systematic review. <i>BMJ</i> , 2021, 375, n2281.	3.0	116
67	A framework for meta-analysis of prediction model studies with binary and time-to-event outcomes. <i>Statistical Methods in Medical Research</i> , 2019, 28, 2768-2786.	0.7	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. <i>Journal of Clinical Oncology</i> , 2007, 25, 4472-4476.	0.8	113
69	Oxford NOTECHS II: A Modified Theatre Team Non-Technical Skills Scoring System. <i>PLoS ONE</i> , 2014, 9, e90320.	1.1	112
70	Reporting guidelines for clinical trial reports for interventions involving artificial intelligence: the CONSORT-AI extension. <i>The Lancet Digital Health</i> , 2020, 2, e537-e548.	5.9	112
71	Predictive analytics in health care: how can we know it works?. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019, 26, 1651-1654.	2.2	110
72	New Guideline for the Reporting of Studies Developing, Validating, or Updating a Multivariable Clinical Prediction Model. <i>Advances in Anatomic Pathology</i> , 2015, 22, 303-305.	2.4	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. <i>Resuscitation</i> , 2019, 134, 147-156.	1.3	104
74	Quantifying the impact of different approaches for handling continuous predictors on the performance of a prognostic model. <i>Statistics in Medicine</i> , 2016, 35, 4124-4135.	0.8	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. <i>Arthritis and Rheumatology</i> , 2020, 72, 1916-1927.	2.9	103
76	Guide to presenting clinical prediction models for use in clinical settings. <i>BMJ: British Medical Journal</i> , 2019, 365, l737.	2.4	102
77	Developing a reporting guideline for artificial intelligence-centred diagnostic test accuracy studies: the STARD-AI protocol. <i>BMJ Open</i> , 2021, 11, e047709.	0.8	102
78	Predicting risk of osteoporotic and hip fracture in the United Kingdom: prospective independent and external validation of QFractureScores. <i>BMJ: British Medical Journal</i> , 2011, 342, d3651-d3651.	2.4	101
79	DECIDE-AI: new reporting guidelines to bridge the development-to-implementation gap in clinical artificial intelligence. <i>Nature Medicine</i> , 2021, 27, 186-187.	15.2	100
80	Derivation and validation of a novel risk score for safe discharge after acute lower gastrointestinal bleeding: a modelling study. <i>The Lancet Gastroenterology and Hepatology</i> , 2017, 2, 635-643.	3.7	99
81	Poor reporting of multivariable prediction model studies: towards a targeted implementation strategy of the TRIPOD statement. <i>BMC Medicine</i> , 2018, 16, 120.	2.3	99
82	Global, regional, and national burden of migraine in 204 countries and territories, 1990 to 2019. <i>Pain</i> , 2022, 163, e293-e309.	2.0	98
83	STrengthening Analytical Thinking for Observational Studies: the STRATOS initiative. <i>Statistics in Medicine</i> , 2014, 33, 5413-5432.	0.8	94
84	Development and validation of response markers to predict survival and pleurodesis success in patients with malignant pleural effusion (PROMISE): a multicohort analysis. <i>Lancet Oncology</i> , The, 2018, 19, 930-939.	5.1	92
85	Comparing risk prediction models. <i>BMJ, The</i> , 2012, 344, e3186-e3186.	3.0	90
86	A Checklist for statistical Assessment of Medical Papers (the CHAMP statement): explanation and elaboration. <i>British Journal of Sports Medicine</i> , 2021, 55, 1009-1017.	3.1	90
87	Framework for the impact analysis and implementation of Clinical Prediction Rules (CPRs). <i>BMC Medical Informatics and Decision Making</i> , 2011, 11, 62.	1.5	89
88	Comparing disease activity indices in ulcerative colitis. <i>Journal of Crohn's and Colitis</i> , 2014, 8, 318-325.	0.6	89
89	Overdiagnosis of bone fragility in the quest to prevent hip fracture. <i>BMJ, The</i> , 2015, 350, h2088-h2088.	3.0	89
90	Reflection on modern methods: demystifying robust standard errors for epidemiologists. <i>International Journal of Epidemiology</i> , 2021, 50, 346-351.	0.9	88

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91	Minimum sample size for external validation of a clinical prediction model with a continuous outcome. <i>Statistics in Medicine</i> , 2021, 40, 133-146.	0.8	82
92	The National Early Warning Score 2 (NEWS2). <i>Clinical Medicine</i> , 2019, 19, 260-260.	0.8	77
93	A quality assessment tool for artificial intelligence-centered diagnostic test accuracy studies: QUADAS-AI. <i>Nature Medicine</i> , 2021, 27, 1663-1665.	15.2	76
94	Impact of peer review on reports of randomised trials published in open peer review journals: retrospective before and after study. <i>BMJ, The</i> , 2014, 349, g4145-g4145.	3.0	74
95	Using Causal Diagrams to Improve the Design and Interpretation of Medical Research. <i>Chest</i> , 2020, 158, S21-S28.	0.4	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. <i>Frontiers in Endocrinology</i> , 2022, 13, 838027.	1.5	73
97	Incidence of shoulder dislocations in the UK, 1995–2015: a population-based cohort study. <i>BMJ Open</i> , 2017, 7, e016112.	0.8	70
98	Key steps and common pitfalls in developing and validating risk models. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2017, 124, 423-432.	1.1	70
99	Reporting guideline for the early stage clinical evaluation of decision support systems driven by artificial intelligence: DECIDE-AI. <i>BMJ, The</i> , 2022, 377, e070904.	3.0	70
100	Past and projected temporal trends in arthroscopic hip surgery in England between 2002 and 2013. <i>BMJ Open Sport and Exercise Medicine</i> , 2016, 2, e000082.	1.4	69
101	Uniformity in measuring adherence to reporting guidelines: the example of TRIPOD for assessing completeness of reporting of prediction model studies. <i>BMJ Open</i> , 2019, 9, e025611.	0.8	68
102	Burden of ischemic heart disease and its attributable risk factors in 204 countries and territories, 1990–2019. <i>European Journal of Preventive Cardiology</i> , 2022, 29, 420-431.	0.8	66
103	Patient-Reported Outcomes as Independent Prognostic Factors for Survival in Oncology: Systematic Review and Meta-Analysis. <i>Value in Health</i> , 2021, 24, 250-267.	0.1	63
104	Transparent Reporting of a Multivariable Prediction Model for Individual Prognosis or Diagnosis (<scp>TRIPOD</scp>): the <scp>TRIPOD</scp> statement. <i>BJOG: an International Journal of Obstetrics and Gynaecology</i> , 2015, 122, 434-443.	1.1	62
105	Outpatient physiotherapy versus home-based rehabilitation for patients at risk of poor outcomes after knee arthroplasty: CORKA RCT. <i>Health Technology Assessment</i> , 2020, 24, 1-116.	1.3	62
106	Artificial Intelligence in Fracture Detection: A Systematic Review and Meta-Analysis. <i>Radiology</i> , 2022, 304, 50-62.	3.6	62
107	Health related quality of life in Middle Eastern children with beta-thalassemia. <i>BMC Blood Disorders</i> , 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. <i>BMJ Open</i> , 2020, 10, e038832.	0.8	60

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109	Clinical prediction models: diagnosis versus prognosis. <i>Journal of Clinical Epidemiology</i> , 2021, 132, 142-145.	2.4	60
110	Risk assessment of fragility fractures: summary of NICE guidance. <i>BMJ</i> , The, 2012, 345, e3698-e3698.	3.0	59
111	The effect of teamwork training on team performance and clinical outcome in elective orthopaedic surgery: a controlled interrupted time series study. <i>BMJ Open</i> , 2015, 5, e006216-e006216.	0.8	57
112	Penalization and shrinkage methods produced unreliable clinical prediction models especially when sample size was small. <i>Journal of Clinical Epidemiology</i> , 2021, 132, 88-96.	2.4	55
113	Defining Faecal Calprotectin Thresholds as a Surrogate for Endoscopic and Histological Disease Activity in Ulcerative Colitis—a Prospective Analysis. <i>Journal of Crohn's and Colitis</i> , 2019, 13, 424-430.	0.6	54
114	Continual updating and monitoring of clinical prediction models: time for dynamic prediction systems?. <i>Diagnostic and Prognostic Research</i> , 2021, 5, 1.	0.8	54
115	Methodology over metrics: current scientific standards are a disservice to patients and society. <i>Journal of Clinical Epidemiology</i> , 2021, 138, 219-226.	2.4	54
116	Explicit inclusion of treatment in prognostic modeling was recommended in observational and randomized settings. <i>Journal of Clinical Epidemiology</i> , 2016, 78, 90-100.	2.4	53
117	Prospective Assessment of Health-Related Quality of Life in Pediatric Patients with Beta-Thalassemia following Hematopoietic Stem Cell Transplantation. <i>Biology of Blood and Marrow Transplantation</i> , 2011, 17, 861-866.	2.0	52
118	Reporting of participant flow diagrams in published reports of randomized trials. <i>Trials</i> , 2011, 12, 253.	0.7	52
119	TIDieR-Placebo: A guide and checklist for reporting placebo and sham controls. <i>PLoS Medicine</i> , 2020, 17, e1003294.	3.9	52
120	Reporting guideline checklists are not quality evaluation forms: they are guidance for writing. <i>Health Science Reports</i> , 2020, 3, e165.	0.6	52
121	Global, regional, and national burden of other musculoskeletal disorders 1990–2017: results from the Global Burden of Disease Study 2017. <i>Rheumatology</i> , 2021, 60, 855-865.	0.9	52
122	External validation of clinical prediction models: simulation-based sample size calculations were more reliable than rules-of-thumb. <i>Journal of Clinical Epidemiology</i> , 2021, 135, 79-89.	2.4	52
123	Modification and validation of the Revised Diabetes Knowledge Scale. <i>Diabetic Medicine</i> , 2011, 28, 306-310.	1.2	51
124	Feasibility of surgical randomised controlled trials with a placebo arm: a systematic review. <i>BMJ Open</i> , 2016, 6, e010194.	0.8	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. <i>Journal of Clinical Epidemiology</i> , 2020, 126, 207-216.	2.4	51
126	External validation of QDScore [®] for predicting the 10-year risk of developing Type 2 diabetes. <i>Diabetic Medicine</i> , 2011, 28, 599-607.	1.2	50

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127	Early warning scores for detecting deterioration in adult hospital patients: a systematic review protocol. <i>BMJ Open</i> , 2017, 7, e019268.	0.8	49
128	Reporting of prognostic clinical prediction models based on machine learning methods in oncology needs to be improved. <i>Journal of Clinical Epidemiology</i> , 2021, 138, 60-72.	2.4	49
129	Opioid Use in Palliative Care of Children and Young People with Cancer. <i>Journal of Pediatrics</i> , 2008, 152, 39-44.	0.9	48
130	Fracture Risk Assessment: State of the Art, Methodologically Unsound, or Poorly Reported?. <i>Current Osteoporosis Reports</i> , 2012, 10, 199-207.	1.5	48
131	Simple randomization did not protect against bias in smaller trials. <i>Journal of Clinical Epidemiology</i> , 2017, 84, 105-113.	2.4	48
132	Knee osteoarthritis and time-to all-cause mortality in six community-based cohorts: an international meta-analysis of individual participant-level data. <i>Aging Clinical and Experimental Research</i> , 2021, 33, 529-545.	1.4	48
133	Impact of Perioperative Bleeding on the Protective Effect of β -Blockers during Infrarenal Aortic Reconstruction. <i>Anesthesiology</i> , 2012, 117, 1203-1211.	1.3	47
134	Serious adverse events and lifetime risk of reoperation after elective shoulder replacement: population based cohort study using hospital episode statistics for England. <i>BMJ: British Medical Journal</i> , 2019, 364, l298.	2.4	47
135	TRIPOD statement: a preliminary pre-post analysis of reporting and methods of prediction models. <i>BMJ Open</i> , 2020, 10, e041537.	0.8	47
136	The current status of risk-stratified breast screening. <i>British Journal of Cancer</i> , 2022, 126, 533-550.	2.9	47
137	Identifying patients with undetected colorectal cancer: an independent validation of Qcancer (Colorectal). <i>British Journal of Cancer</i> , 2012, 107, 260-265.	2.9	46
138	Prospective validation of the RAPID clinical risk prediction score in adult patients with pleural infection: the PILOT study. <i>European Respiratory Journal</i> , 2020, 56, 2000130.	3.1	46
139	Securing recruitment and obtaining informed consent in minority ethnic groups in the UK. <i>BMC Health Services Research</i> , 2008, 8, 68.	0.9	45
140	Completeness of reporting of clinical prediction models developed using supervised machine learning: a systematic review. <i>BMC Medical Research Methodology</i> , 2022, 22, 12.	1.4	45
141	To Adjust or Not to Adjust: The Role of Different Covariates in Cardiovascular Observational Studies. <i>American Heart Journal</i> , 2021, 237, 62-67.	1.2	44
142	A combined teamwork training and work standardisation intervention in operating theatres: controlled interrupted time series study. <i>BMJ Quality and Safety</i> , 2015, 24, 111-119.	1.8	43
143	Combining Systems and Teamwork Approaches to Enhance the Effectiveness of Safety Improvement Interventions in Surgery. <i>Annals of Surgery</i> , 2017, 265, 90-96.	2.1	43
144	The association between type 2 diabetes mellitus, hip fracture, and post-hip fracture mortality: a multi-state cohort analysis. <i>Osteoporosis International</i> , 2019, 30, 2407-2415.	1.3	42

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145	Prediction Models for Physical, Cognitive, and Mental Health Impairments After Critical Illness: A Systematic Review and Critical Appraisal. <i>Critical Care Medicine</i> , 2020, 48, 1871-1880.	0.4	42
146	Transparent Reporting of Multivariable Prediction Models in Journal and Conference Abstracts: TRIPOD for Abstracts. <i>Annals of Internal Medicine</i> , 2020, 173, 42-47.	2.0	40
147	Checklist for statistical Assessment of Medical Papers: the CHAMP statement. <i>British Journal of Sports Medicine</i> , 2021, 55, 1002-1003.	3.1	39
148	Transparent reporting of a multivariable prediction model for individual prognosis or diagnosis (<sc>TRIPOD</sc>): the <sc>TRIPOD S</sc>tatement. <i>European Journal of Clinical Investigation</i> , 2015, 45, 204-214.	1.7	38
149	Association of Tramadol vs Codeine Prescription Dispensation With Mortality and Other Adverse Clinical Outcomes. <i>JAMA - Journal of the American Medical Association</i> , 2021, 326, 1504.	3.8	38
150	Lower limb arthroplasty: can we produce a tool to predict outcome and failure, and is it cost-effective? An epidemiological study. <i>Programme Grants for Applied Research</i> , 2017, 5, 1-246.	0.4	36
151	Methodological conduct of prognostic prediction models developed using machine learning in oncology: a systematic review. <i>BMC Medical Research Methodology</i> , 2022, 22, 101.	1.4	36
152	Conflicts at the heart of the FRAX tool. <i>Cmaj</i> , 2014, 186, 165-167.	0.9	34
153	The magnitude and temporal changes of response in the placebo arm of surgical randomized controlled trials: a systematic review and meta-analysis. <i>Trials</i> , 2016, 17, 589.	0.7	34
154	The Fragility and Reliability of Conclusions of Anesthesia and Critical Care Randomized Trials With Statistically Significant Findings: A Systematic Review*. <i>Critical Care Medicine</i> , 2019, 47, 456-462.	0.4	34
155	Quality Improvement in Surgery Combining Lean Improvement Methods with Teamwork Training: A Controlled Before-After Study. <i>PLoS ONE</i> , 2015, 10, e0138490.	1.1	34
156	Minimum sample size calculations for external validation of a clinical prediction model with a time-to-event outcome. <i>Statistics in Medicine</i> , 2022, 41, 1280-1295.	0.8	34
157	Capturing intraoperative process deviations using a direct observational approach: the glitch method. <i>BMJ Open</i> , 2013, 3, e003519.	0.8	31
158	Predicting the adverse risk of statin treatment: an independent and external validation of Qstatin risk scores in the UK. <i>Heart</i> , 2012, 98, 1091-1097.	1.2	30
159	Development of a risk score for early saphenous vein graft failure: An individual patient data meta-analysis. <i>Journal of Thoracic and Cardiovascular Surgery</i> , 2020, 160, 116-127.e4.	0.4	29
160	Control chart methods for monitoring surgical performance: A case study from gastro-oesophageal surgery. <i>European Journal of Surgical Oncology</i> , 2011, 37, 473-480.	0.5	28
161	Prevalence, Deaths, and Disability-Adjusted Life-Years Due to Asthma and Its Attributable Risk Factors in 204 Countries and Territories, 1990-2019. <i>Chest</i> , 2022, 161, 318-329.	0.4	28
162	Differential Mortality and the Excess Rates of Hip Fracture Associated With Type 2 Diabetes: Accounting for Competing Risks in Fracture Prediction Matters. <i>Journal of Bone and Mineral Research</i> , 2018, 33, 1417-1421.	3.1	27

#	ARTICLE	IF	CITATIONS
163	Comparing treatment effects between propensity scores and randomized controlled trials: improving conduct and reporting. <i>European Heart Journal</i> , 2012, 33, 1867-1869.	1.0	26
164	Identifying patients with undetected gastro-oesophageal cancer in primary care: External validation of Q Cancer ^Â (Gastro-Oesophageal). <i>European Journal of Cancer</i> , 2013, 49, 1040-1048.	1.3	26
165	Identifying women with undetected ovarian cancer: independent and external validation of Q Cancer ^Â (Ovarian) prediction model. <i>European Journal of Cancer Care</i> , 2013, 22, 423-429.	0.7	26
166	Maximising value from a United Kingdom Biomedical Research Centre: study protocol. <i>Health Research Policy and Systems</i> , 2017, 15, 70.	1.1	26
167	Consequences of relying on statistical significance: Some illustrations. <i>European Journal of Clinical Investigation</i> , 2018, 48, e12912.	1.7	26
168	Development of alternative methods of data collection in South Asians with Type ^Â 2 diabetes. <i>Diabetic Medicine</i> , 2008, 25, 455-462.	1.2	25
169	Effectiveness of facilitated introduction of a standard operating procedure into routine processes in the operating theatre: a controlled interrupted time series. <i>BMJ Quality and Safety</i> , 2015, 24, 120-127.	1.8	25
170	Overinterpretation and misreporting of prognostic factor studies in oncology: a systematic review. <i>British Journal of Cancer</i> , 2018, 119, 1288-1296.	2.9	25
171	Design choices for observational studies of the effect of exposure on disease incidence. <i>BMJ Open</i> , 2019, 9, e031031.	0.8	25
172	Clinical Prediction Models in Sports Medicine: A Guide for Clinicians and Researchers. <i>Journal of Orthopaedic and Sports Physical Therapy</i> , 2021, 51, 517-525.	1.7	25
173	Change of Diffusion Mechanism with Lattice Parameter in the Series of Lanthanide Indides Having $L_{1-x}R_x$ Structure. <i>Physical Review Letters</i> , 2009, 102, 155901.	2.9	24
174	Clinical prediction models. <i>British Journal of Surgery</i> , 2016, 103, 1886-1886.	0.1	24
175	An external validation of models to predict the onset of chronic kidney disease using population-based electronic health records from Salford, UK. <i>BMC Medicine</i> , 2016, 14, 104.	2.3	24
176	A meta-analysis of temporal changes of response in the placebo arm of surgical randomized controlled trials: an update. <i>Trials</i> , 2017, 18, 323.	0.7	24
177	Correlation Between Endoscopic and Histological Activity in Ulcerative Colitis Using Validated Indices. <i>Journal of Crohn's and Colitis</i> , 2018, 12, 1151-1157.	0.6	22
178	A note on estimating the $Cox\hat{S}nell$ from a reported C statistic ($AUROC$) to inform sample size calculations for developing a prediction model with a binary outcome. <i>Statistics in Medicine</i> , 2021, 40, 859-864.	0.8	22
179	Composition-driven changes in lattice sites occupied by indium solutes in Ni ₂ Al ₃ phases. <i>Physical Review B</i> , 2004, 70, .	1.1	21
180	Black Box Prediction Methods in Sports Medicine Deserve a Red Card for Reckless Practice: A Change of Tactics is Needed to Advance Athlete Care. <i>Sports Medicine</i> , 2022, 52, 1729-1735.	3.1	21

#	ARTICLE	IF	CITATIONS
181	Comparison of the ability of double-robust estimators to correct bias in propensity score matching analysis. Monte Carlo simulation study. Pharmacoepidemiology and Drug Safety, 2017, 26, 1513-1519.	0.9	20
182	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
183	Application of EU Tissue and Cell Directive screening protocols to anonymous oocyte donors in western Ukraine: Data from an Irish IVF programme. Journal of Obstetrics and Gynaecology, 2010, 30, 613-616.	0.4	19
184	Predicting the Individual Risk of Acute Severe Colitis at Diagnosis. Journal of Crohn's and Colitis, 2017, 11, jjw159.	0.6	19
185	The Reporting Items for Patent Landscapes statement. Nature Biotechnology, 2018, 36, 1043-1047.	9.4	19
186	Global, regional, and national burden of cancers attributable to tobacco smoking in 204 countries and territories, 1990–2019. Cancer Medicine, 2022, 11, 2662-2678.	1.3	19
187	Temperature- and composition-driven changes in site occupation of indium solutes in $Gd_{1+3x}Al_{2\sim 3x}$. Physical Review B, 2004, 69, .	1.1	18
188	Identifying patients with undetected renal tract cancer in primary care: An independent and external validation of QKidney [®] (Renal) prediction model. Cancer Epidemiology, 2013, 37, 115-120.	0.8	18
189	Identifying patients with undetected pancreatic cancer in primary care: an independent and external validation of QKidney [®] (Pancreas). British Journal of General Practice, 2013, 63, e636-e642.	0.7	18
190	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
191	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
192	Predicting the risk of chronic kidney disease in the UK: an evaluation of QKidney [®] scores using a primary care database. British Journal of General Practice, 2012, 62, e243-e250.	0.7	17
193	Statistics versus machine learning: definitions are interesting (but understanding, methodology, and) Tj ETQq1 1 0.784314 rgBT /Ove 2.4 17	2.4	17
194	Prevalence, incidence and years lived with disability due to polycystic ovary syndrome in 204 countries and territories, 1990–2019. Human Reproduction, 2022, 37, 1919-1931.	0.4	17
195	Balancing selected medication costs with total number of daily injections: a preference analysis of GnRH-agonist and antagonist protocols by IVF patients. Reproductive Biology and Endocrinology, 2012, 10, 67.	1.4	16
196	A systematic review of neonatal treatment intensity scores and their potential application in low-resource setting hospitals for predicting mortality, morbidity and estimating resource use. Systematic Reviews, 2017, 6, 248.	2.5	16
197	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
198	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

#	ARTICLE	IF	CITATIONS
199	COVID-19 prediction models should adhere to methodological and reporting standards. <i>European Respiratory Journal</i> , 2020, 56, 2002643.	3.1	16
200	Playing sport injured is associated with osteoarthritis, joint pain and worse health-related quality of life: a cross-sectional study. <i>BMC Musculoskeletal Disorders</i> , 2020, 21, 111.	0.8	16
201	Counterfactual clinical prediction models could help to infer individualized treatment effects in randomized controlled trials—An illustration with the International Stroke Trial. <i>Journal of Clinical Epidemiology</i> , 2020, 125, 47-56.	2.4	16
202	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. <i>Sports Medicine</i> , 2022, 52, 2469-2482.	3.1	16
203	Nonstoichiometry in line compounds. <i>Journal of Materials Science</i> , 2007, 42, 1915-1919.	1.7	15
204	Disagreement between cardiac output measurement devices: which device is the gold standard?. <i>British Journal of Anaesthesia</i> , 2016, 116, 451-453.	1.5	15
205	Global, regional, and national cancer deaths and disability-adjusted life-years (DALYs) attributable to alcohol consumption in 204 countries and territories, 1990–2019. <i>Cancer</i> , 2022, 128, 1840-1852.	2.0	15
206	Different Perception of Surgical Risks Between Physicians and Patients Undergoing Laparoscopic Cholecystectomy. <i>Surgical Laparoscopy, Endoscopy and Percutaneous Techniques</i> , 2009, 19, 305-311.	0.4	14
207	Transparent Reporting of a Multivariable Prediction Model for Individual Prognosis or Diagnosis (<sc>TRIPOD</sc>): the <sc>TRIPOD</sc> Statement. <i>Diabetic Medicine</i> , 2015, 32, 146-154.	1.2	14
208	The burden of stroke and its attributable risk factors in the Middle East and North Africa region, 1990–2019. <i>Scientific Reports</i> , 2022, 12, 2700.	1.6	14
209	Propensity score methods and regression adjustment for analysis of nonrandomized studies with health-related quality of life outcomes. <i>Pharmacoepidemiology and Drug Safety</i> , 2019, 28, 690-699.	0.9	13
210	The Burden of Osteoarthritis in the Middle East and North Africa Region From 1990 to 2019. <i>Frontiers in Medicine</i> , 0, 9, .	1.2	13
211	Design flaws in EuroSCORE II. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 43, 871-871.	0.6	12
212	Effective prevention of thromboembolic complications in emergency surgery patients using a quality improvement approach. <i>BMJ Quality and Safety</i> , 2013, 22, 916-922.	1.8	12
213	Interim PET-results for prognosis in adults with Hodgkin lymphoma: a systematic review and meta-analysis of prognostic factor studies. <i>The Cochrane Library</i> , 2019, 9, CD012643.	1.5	12
214	Synovial fluid fingerprinting in end-stage knee osteoarthritis. <i>Bone and Joint Research</i> , 2020, 9, 623-632.	1.3	12
215	Measuring the success of blinding in placebo-controlled trials: Should we be so quick to dismiss it?. <i>Journal of Clinical Epidemiology</i> , 2021, 135, 176-181.	2.4	12
216	Exploration of Analysis Methods for Diagnostic Imaging Tests: Problems with ROC AUC and Confidence Scores in CT Colonography. <i>PLoS ONE</i> , 2014, 9, e107633.	1.1	12

#	ARTICLE	IF	CITATIONS
217	Real-time data monitoring for ulcerative colitis: patient perception and qualitative analysis. <i>Intestinal Research</i> , 2019, 17, 365-374.	1.0	12
218	Treatment of first-time traumatic anterior shoulder dislocation: the UK TASH-D cohort study. <i>Health Technology Assessment</i> , 2019, 23, 1-104.	1.3	12
219	Inadequate description of placebo and sham controls in a systematic review of recent trials. <i>European Journal of Clinical Investigation</i> , 2019, 49, e13169.	1.7	11
220	Health-related quality of life and flourishing in current and former recreational and elite cricketers. <i>Health and Quality of Life Outcomes</i> , 2020, 18, 41.	1.0	11
221	Home-based rehabilitation programme compared with traditional physiotherapy for patients at risk of poor outcome after knee arthroplasty: the CORKA randomised controlled trial. <i>BMJ Open</i> , 2021, 11, e052598.	0.8	11
222	Global, Regional and National Burden of Cancers Attributable to High Fasting Plasma Glucose in 204 Countries and Territories, 1990-2019. <i>Frontiers in Endocrinology</i> , 0, 13, .	1.5	11
223	A pre-post test evaluation of the impact of the PELICAN MDT-TME Development Programme on the working lives of colorectal cancer team members. <i>BMC Health Services Research</i> , 2010, 10, 187.	0.9	10
224	Bivariate analysis of basal serum anti-Müllerian hormone measurements and human blastocyst development after IVF. <i>Reproductive Biology and Endocrinology</i> , 2011, 9, 153.	1.4	10
225	Lean Participative Process Improvement: Outcomes and Obstacles in Trauma Orthopaedics. <i>PLoS ONE</i> , 2016, 11, e0152360.	1.1	10
226	Time to health-related quality of life improvement analysis was developed to enhance evaluation of modern anticancer therapies. <i>Journal of Clinical Epidemiology</i> , 2020, 127, 9-18.	2.4	10
227	Developing clinical prediction models when adhering to minimum sample size recommendations: The importance of quantifying bootstrap variability in tuning parameters and predictive performance. <i>Statistical Methods in Medical Research</i> , 2021, 30, 2545-2561.	0.7	10
228	Global, regional, and national burden of cancers attributable to excess body weight in 204 countries and territories, 1990 to 2019. <i>Obesity</i> , 2022, 30, 535-545.	1.5	10
229	Benchmarking circumferential resection margin (R1) resection rate for rectal cancer in the neoadjuvant era. <i>Colorectal Disease</i> , 2010, 12, 909-913.	0.7	9
230	Array comparative genomic hybridization screening in IVF significantly reduces number of embryos available for cryopreservation. <i>Clinical and Experimental Reproductive Medicine</i> , 2012, 39, 52.	0.5	9
231	Risk Prediction Models in Perioperative Medicine: Methodological Considerations. <i>Current Anesthesiology Reports</i> , 2016, 6, 267-275.	0.9	9
232	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. <i>BMJ Open</i> , 2019, 9, e032606.	0.8	9
233	Use of G-methods for handling time-varying confounding in observational research. <i>The Lancet Global Health</i> , 2019, 7, e35.	2.9	9
234	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. <i>BMJ Open</i> , 2020, 10, e039969.	0.8	9

#	ARTICLE	IF	CITATIONS
235	Evaluation of Biomarkers in Critical Care and Perioperative Medicine. <i>Anesthesiology</i> , 2021, 134, 15-25.	1.3	9
236	Machine Learning and Statistical Prediction of Pitching Arm Kinetics. <i>American Journal of Sports Medicine</i> , 2021, , 036354652110545.	1.9	9
237	Ethics methods are required as part of reporting guidelines for artificial intelligence in healthcare. <i>Nature Machine Intelligence</i> , 2022, 4, 316-317.	8.3	9
238	Nonparametric discriminant analysis of phytoplankton species using data from analytical flow cytometry. <i>Cytometry</i> , 2002, 48, 26-33.	1.8	8
239	Nuclear quadrupole interactions of ¹¹¹ In/Cd solute atoms in a series of rare-earth palladium alloys. <i>Hyperfine Interactions</i> , 2013, 221, 85-98.	0.2	8
240	A robust imputation method for missing responses and covariates in sample selection models. <i>Statistical Methods in Medical Research</i> , 2019, 28, 102-116.	0.7	8
241	Cricket related hand injury is associated with increased odds of hand pain and osteoarthritis. <i>Scientific Reports</i> , 2020, 10, 16775.	1.6	8
242	COmmunity-based Rehabilitation after Knee Arthroplasty (CORKA): study protocol for a randomised controlled trial. <i>Trials</i> , 2016, 17, 501.	0.7	7
243	Flawed external validation study of the ADNEX model to diagnose ovarian cancer. <i>Gynecologic Oncology Reports</i> , 2016, 18, 49-50.	0.3	7
244	Fracture risk in type 2 diabetic patients: A clinical prediction tool based on a large population-based cohort. <i>PLoS ONE</i> , 2018, 13, e0203533.	1.1	7
245	Artificial Intelligence Algorithms for Medical Prediction Should Be Nonproprietary and Readily Available. <i>JAMA Internal Medicine</i> , 2019, 179, 731.	2.6	7
246	Characterization of Rookie Season Injury and Illness and Career Longevity Among National Basketball Association Players. <i>JAMA Network Open</i> , 2021, 4, e2128199.	2.8	7
247	Pre-treatment preferences and characteristics among patients seeking in vitro fertilisation. <i>Reproductive Health</i> , 2009, 6, 21.	1.2	6
248	Calibration of EuroSCORE II. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 43, 654-654.	0.6	6
249	Irish public opinion on assisted human reproduction services: Contemporary assessments from a national sample. <i>Clinical and Experimental Reproductive Medicine</i> , 2013, 40, 169.	0.5	6
250	Predictive performance of penalized beta regression model for continuous bounded outcomes. <i>Journal of Applied Statistics</i> , 2018, 45, 1030-1040.	0.6	6
251	Evaluating methodological quality of Prognostic models Including Patient-reported HeAlth outcomes iN oncologyY (EPIPHANY): a systematic review protocol. <i>BMJ Open</i> , 2018, 8, e025054.	0.8	6
252	Risk factors for the progression of finger interphalangeal joint osteoarthritis: a systematic review. <i>Rheumatology International</i> , 2020, 40, 1781-1792.	1.5	6

#	ARTICLE	IF	CITATIONS
253	ROC curves for clinical prediction models part 3. The ROC plot: a picture that needs a 1000 words. <i>Journal of Clinical Epidemiology</i> , 2020, 126, 220-223.	2.4	6
254	Doug Altman: Driving critical appraisal and improvements in the quality of methodological and medical research. <i>Biometrical Journal</i> , 2021, 63, 226-246.	0.6	6
255	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. <i>BMJ Open</i> , 2019, 9, e029813.	0.8	6
256	Competing risk survival analysis of time to in-hospital death or discharge in a large urban neonatal unit in Kenya. <i>Wellcome Open Research</i> , 2019, 4, 96.	0.9	6
257	Quality of life in breast cancer patients: measurement issues in cancer clinical trials. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2002, 2, 57-65.	0.7	5
258	Reporting characteristics of non-primary publications of results of randomized trials: a cross-sectional review. <i>Trials</i> , 2013, 14, 240.	0.7	5
259	The added value of propensity score matching when using health-related quality of life reference data. <i>Statistics in Medicine</i> , 2013, 32, 5119-5132.	0.8	5
260	Study protocol: first nationwide comparative audit of acute lower gastrointestinal bleeding in the UK. <i>BMJ Open</i> , 2016, 6, e011752.	0.8	5
261	Prognostic models for chronic lymphocytic leukaemia: an exemplar systematic review and meta-analysis. <i>The Cochrane Library</i> , 2016, , .	1.5	5
262	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. <i>BMJ Open</i> , 2018, 8, e022802.	0.8	5
263	A systematic review showed more consideration is needed when conducting nonrandomized studies of interventions. <i>Journal of Clinical Epidemiology</i> , 2020, 117, 99-108.	2.4	5
264	Prediction modelling of inpatient neonatal mortality in high-mortality settings. <i>Archives of Disease in Childhood</i> , 2021, 106, 449-454.	1.0	5
265	Systematic review of risk prediction studies in bone and joint infection: are modifiable prognostic factors useful in predicting recurrence?. <i>Journal of Bone and Joint Infection</i> , 2021, 6, 257-271.	0.6	5
266	Developing Specific Reporting Standards in Artificial Intelligence Centred Research. <i>Annals of Surgery</i> , 2021, Publish Ahead of Print, e547-e548.	2.1	5
267	Accuracy of approximations to recover incompletely reported logistic regression models depended on other available information. <i>Journal of Clinical Epidemiology</i> , 2021, , .	2.4	5
268	A descriptive study of selected oocyte, blood and organ/tissue donation features among fertility patients in Ireland. <i>Human Fertility</i> , 2010, 13, 98-104.	0.7	4
269	Multivariable Risk Prediction Models. <i>Anesthesiology</i> , 2013, 118, 1252-1253.	1.3	4
270	Reassessing the approach to informed consent: the case of unrelated hematopoietic stem cell transplantation in adult thalassemia patients. <i>Philosophy, Ethics, and Humanities in Medicine</i> , 2014, 9, 13.	0.7	4

#	ARTICLE	IF	CITATIONS
271	Statistical flaws in the development of a prediction model. American Journal of Obstetrics and Gynecology, 2015, 212, 116.	0.7	4
272	Small data sets to develop and validate prognostic models are problematic. European Journal of Cancer, 2016, 54, 167-168.	1.3	4
273	Statistical Inefficiencies in the Development of a Prediction Model. Anesthesia and Analgesia, 2017, 124, 1011-1012.	1.1	4
274	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
275	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
276	On the aggregation of published prognostic scores for causal inference in observational studies. Statistics in Medicine, 2020, 39, 1440-1457.	0.8	4
277	Hazard of Arm Injury in Professional Starting and Relief Pitchers. Journal of Athletic Training, 2022, 57, 65-71.	0.9	4
278	Persistent joint pain and arm function in former baseball players. JSES International, 2021, 5, 912-919.	0.7	4
279	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
280	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
281	Utility of preoperative haemoglobin concentration to guide perioperative blood tests for hip and knee arthroplasty: A decision curve analysis. Transfusion Medicine, 2022, 32, 306-317.	0.5	4
282	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
283	Relating PAC damping to EFG fluctuation rates through the PAC relaxation peak. Hyperfine Interactions, 2011, 199, 397-402.	0.2	3
284	An adaptive design to investigate the effect of ketoconazole on pharmacokinetics of GSK239512 in healthy male volunteers. Journal of Clinical Pharmacology, 2015, 55, 505-511.	1.0	3
285	How can I validate a nomogram? Show me the model. Annals of Oncology, 2015, 26, 1034-1035.	0.6	3
286	Assessing calibration in an external validation study. Spine Journal, 2015, 15, 2446-2447.	0.6	3
287	Uninformative and misleading comparison of EuroSCORE and EuroSCORE II. European Journal of Cardio-thoracic Surgery, 2016, 51, ezw262.	0.6	3
288	Site occupation of indium and jump frequencies of cadmium in FeGa 3. Hyperfine Interactions, 2016, 237, 1.	0.2	3

#	ARTICLE	IF	CITATIONS
289	When data are scarce, model validation should be efficient. <i>International Journal of Clinical Practice</i> , 2016, 70, 960-960.	0.8	3
290	Interim PET for prognosis in adults with Hodgkin lymphoma: a prognostic factor exemplar review. <i>The Cochrane Library</i> , 2017, , .	1.5	3
291	Prognostic factors for finger interphalangeal joint osteoarthritis: a systematic review. <i>Rheumatology</i> , 2021, 60, 1080-1090.	0.9	3
292	Safer delivery of surgical services: a programme of controlled before-and-after intervention studies with pre-planned pooled data analysis. <i>Programme Grants for Applied Research</i> , 2016, 4, 1-170.	0.4	3
293	Reporting guidelines should be free to publish, read, and use. <i>Journal of Global Health</i> , 2020, 10, 0203107.	1.2	3
294	Reporting of methodological studies in health research: a protocol for the development of the Methodological STudy reporting Checklist (MISTIC). <i>BMJ Open</i> , 2020, 10, e040478.	0.8	3
295	Trends of Dispensed Opioids in Catalonia, Spain, 2007â€“19: A Population-Based Cohort Study of Over 5 Million Individuals. <i>Frontiers in Pharmacology</i> , 0, 13, .	1.6	3
296	Model Calibration in a Large Cohort Study. <i>Critical Care Medicine</i> , 2015, 43, e398-e399.	0.4	2
297	New Guideline for the Reporting of Studies Developing, Validating, or Updating a Prediction Model. <i>Clinical Chemistry</i> , 2015, 61, 565-566.	1.5	2
298	Flaws in the development of the <scp>CHES</scp> score. <i>European Journal of Neurology</i> , 2016, 23, e41.	1.7	2
299	Magnitude and direction of missing confounders had different consequences on treatment effect estimation in propensity score analysis. <i>Journal of Clinical Epidemiology</i> , 2017, 87, 87-97.	2.4	2
300	Correlation between Endoscopic and Histological Activity in Ulcerative Colitis Using Validated Indices. <i>Gastroenterology</i> , 2017, 152, S209.	0.6	2
301	Nomograms need to be presented in full. <i>Cancer</i> , 2017, 123, 177-178.	2.0	2
302	For Victims of Fatal Child Abuse, Who Has the Right to Consent to Organ Donation?. <i>Pediatrics</i> , 2020, 146, e20200662.	1.0	2
303	Statistical issues in the development of COVIDâ€“19 prediction models. <i>Journal of Medical Virology</i> , 2021, 93, 624-625.	2.5	2
304	The reporting of observational studies of drug effectiveness and safety: recommendations to extend existing guidelines. <i>Expert Opinion on Drug Safety</i> , 2021, 20, 1-8.	1.0	2
305	Improving prediction model systematic review methodology: Letter to the Editor. <i>Translational Sports Medicine</i> , 2021, 4, 545.	0.5	2
306	Comparative Pitching Biomechanics Among Adolescent Baseball Athletes: Are There Fundamental Differences Between Pitchers and Non-pitchers?. <i>International Journal of Sports Physical Therapy</i> , 2021, 16, 488-495.	0.5	2

#	ARTICLE	IF	CITATIONS
307	Letter to the Editor: Models Developed Using Small Datasets Should be Appropriately Evaluated. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2016, 101, L104-L105.	1.8	2
308	Hip internal and external rotation range of motion reliability in youth baseball players. <i>Journal of Sports Medicine and Physical Fitness</i> , 2020, 61, 75-79.	0.4	2
309	Cultural issues in assessing quality of life in cancer clinical trials. <i>Expert Review of Pharmacoeconomics and Outcomes Research</i> , 2002, 2, 261-267.	0.7	1
310	Preterm births in countries with a very high human development index. <i>Lancet</i> , The, 2013, 381, 1355-1356.	6.3	1
311	Reply to "A systematic review finds prediction models for chronic kidney disease were poorly reported and often developed using inappropriate methods". <i>Journal of Clinical Epidemiology</i> , 2013, 66, 697-698.	2.4	1
312	Problems With the Development and Validation of a Prognostic Model. <i>American Journal of Transplantation</i> , 2015, 15, 2529-2530.	2.6	1
313	Some Important Deficiencies in the Development, Validation, and Reporting of a Prediction Model. <i>JAMA Surgery</i> , 2015, 150, 915.	2.2	1
314	Knowingly repeating an incorrect and inefficient analysis is flawed logic. <i>European Journal of Cardio-thoracic Surgery</i> , 2016, 49, 357.1-358.	0.6	1
315	Flawed validation of FRAX. <i>Bone</i> , 2016, 93, 217.	1.4	1
316	A new community for those involved and interested in diagnosis and prognosis. <i>Diagnostic and Prognostic Research</i> , 2017, 1, 5.	0.8	1
317	Segregation of solute atoms to interphase boundaries in GdNi ₂ . <i>Hyperfine Interactions</i> , 2017, 238, 1.	0.2	1
318	Response to "Why all randomized controlled trials produce biased results". <i>Annals of Medicine</i> , 2018, 50, 545-548.	1.5	1
319	There are no shortcuts in the development and validation of a COVID-19 prediction model. <i>Transboundary and Emerging Diseases</i> , 2021, 68, 210-211.	1.3	1
320	Improving Clinical Prognostic Model Methodology: Letter to the Editor. <i>American Journal of Sports Medicine</i> , 2021, 49, NP23-NP25.	1.9	1
321	Development and internal validation of a humeral torsion prediction model in professional baseball pitchers. <i>Journal of Shoulder and Elbow Surgery</i> , 2021, 30, 2832-2838.	1.2	1
322	Of Railroads and Roller Coasters. <i>Anesthesiology</i> , 2020, 133, 489-492.	1.3	1
323	Improving Clinical Prediction Model Methods. <i>Medicine and Science in Sports and Exercise</i> , 2022, 54, 692-693.	0.2	1
324	Machine Learning Does Not Improve Humeral Torsion Prediction Compared to Regression in Baseball Pitchers. <i>International Journal of Sports Physical Therapy</i> , 2022, 17, 390-399.	0.5	1

#	ARTICLE	IF	CITATIONS
325	Ask the Experts: Validating predictive models for colorectal cancer. <i>Colorectal Cancer</i> , 2012, 1, 371-374.	0.8	0
326	Balancing IVF medication costs with total number of daily injections: a patient preference analysis of GnRH-agonist and antagonist protocols. <i>Fertility and Sterility</i> , 2012, 98, S284.	0.5	0
327	Authors' reply to Bird. <i>BMJ, The</i> , 2012, 345, e5885-e5885.	3.0	0
328	Array CGH and mandatory single fresh embryo transfer to normalize preterm delivery & multiple gestation outcomes with IVF: fiscal analysis of coverage expansion by a california state health exchange. <i>Fertility and Sterility</i> , 2013, 100, S134.	0.5	0
329	Determination of the crystal structures of In70-Ni30 and In70-Pd30 using perturbed angular correlation. <i>Hyperfine Interactions</i> , 2013, 221, 73-78.	0.2	0
330	Impact of Perioperative Bleeding on the Protective Effect of β -Blockers during Infrarenal Aortic Reconstruction. <i>Survey of Anesthesiology</i> , 2013, 57, 250-251.	0.1	0
331	Validating a human immunodeficiency virus risk score. <i>American Journal of Emergency Medicine</i> , 2014, 32, 1535-1536.	0.7	0
332	Letter to the editor. <i>Journal of Pediatric Surgery</i> , 2014, 49, 1872.	0.8	0
333	Issues in the Design and Analysis of a Small External Validation Study. <i>Pancreas</i> , 2014, 43, 141-142.	0.5	0
334	Authors'™ reply to Lee and colleagues. <i>BMJ, The</i> , 2015, 351, h3737.	3.0	0
335	Large Study But Weak Test of Internal Validation: Comment on the Article by Solomon et al. <i>Arthritis and Rheumatology</i> , 2015, 67, 3327-3327.	2.9	0
336	Statistical concerns in the development of a prediction model. <i>British Journal of Radiology</i> , 2016, 89, 20160655.	1.0	0
337	In Reply. <i>Anesthesiology</i> , 2016, 125, 816-817.	1.3	0
338	Hip Fracture Surgery vs Elective Total Hip Replacement™Reply. <i>JAMA - Journal of the American Medical Association</i> , 2016, 315, 942.	3.8	0
339	Solute-solute interactions in intermetallic compounds. <i>Hyperfine Interactions</i> , 2017, 238, 1.	0.2	0
340	Synovial fluid fingerprinting in end-stage knee osteoarthritis: a novel biomarker concept to assess disease modifying therapies. <i>Osteoarthritis and Cartilage</i> , 2018, 26, S178.	0.6	0
341	Physical activity and health-related quality of life in former cricketers with persistent upper-limb or lower-limb joint pain. <i>Osteoarthritis and Cartilage</i> , 2019, 27, S227-S228.	0.6	0
342	Reply to: NEWS2 needs to be tested in prospective trials involving patients with confirmed hypercapnia. <i>Resuscitation</i> , 2019, 139, 371-372.	1.3	0

#	ARTICLE	IF	CITATIONS
343	Regarding <i>A Nomogram to Predict Osteoradionecrosis in Oral Cancer After Marginal Mandibulectomy and Radiotherapy</i>. Laryngoscope, 2019, 129, E343.	1.1	0
344	Letter by Doosti-Irani et al Regarding Article, "Associations of Variability in Blood Pressure, Glucose and Cholesterol Concentrations, and Body Mass Index With Mortality and Cardiovascular Outcomes in the General Population". Circulation, 2019, 139, e909-e910.	1.6	0
345	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
346	Flaws in the Development and Validation of a Coronavirus Disease 2019 Prediction Model. Clinical Infectious Diseases, 2021, 73, 557-558.	2.9	0
347	Methodological Issues in the Development of a Prediction Tool for ^{First}Trimester</sup> Outcomes. Journal of Ultrasound in Medicine, 2021, 40, 1731-1732.	0.8	0
348	COVID-19 Prediction Models Need Robust and Transparent Development. Disaster Medicine and Public Health Preparedness, 2021, , 1-2.	0.7	0
349	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
350	O16â€“Development of risk calculators for hand osteoarthritis and invasive treatment. British Journal of Surgery, 2021, 108, .	0.1	0
351	Overinterpretation and misreporting of prognostic factor and biomarker studies in medical oncology.. Journal of Clinical Oncology, 2017, 35, e14023-e14023.	0.8	0
352	Late Breaking Abstract - Prognostic and therapeutic markers of malignant pleural effusion â€“ The PROMISE study. , 2017, , .		0
353	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