# Gary S Collins

## List of Publications by Citations

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| **328** papers | **19,810** citations | **64** h-index | **137** g-index |
| **368** ext. papers | **28,601** ext. citations | **6.1** avg, IF | **7.45** L-index |

| # | Paper | IF | Citations |
|---|-------|-----|-----------|
| 328 | Transparent Reporting of a multivariable prediction model for Individual Prognosis or Diagnosis (TRIPOD): explanation and elaboration. *Annals of Internal Medicine*, **2015**, 162, W1-73 | 8 | 1815 |
| 327 | Prediction models for diagnosis and prognosis of covid-19: systematic review and critical appraisal. *BMJ, The*, **2020**, 369, m1328 | 5.9 | 1283 |
| 326 | Transparent Reporting of a multivariable prediction model for Individual Prognosis or Diagnosis (TRIPOD): the TRIPOD statement. *Annals of Internal Medicine*, **2015**, 162, 55-63 | 8 | 1078 |
| 325 | Transparent reporting of a multivariable prediction model for individual prognosis or diagnosis (TRIPOD): the TRIPOD statement. *BMJ, The*, **2015**, 350, g7594 | 5.9 | 891 |
| 324 | Critical appraisal and data extraction for systematic reviews of prediction modelling studies: the CHARMS checklist. *PLoS Medicine*, **2014**, 11, e1001744 | 11.6 | 597 |
| 323 | Transparent reporting of a multivariable prediction model for individual prognosis or diagnosis (TRIPOD): the TRIPOD Statement. *BMC Medicine*, **2015**, 13, 1 | 11.4 | 596 |
| 322 | 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 | 5.7 | 460 |
| 321 | PROBAST: A Tool to Assess the Risk of Bias and Applicability of Prediction Model Studies. *Annals of Internal Medicine*, **2019**, 170, 51-58 | 8 | 453 |
| 320 | 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 | 2 | 409 |
| 319 | Guidelines for Accurate and Transparent Health Estimates Reporting: the GATHER statement. *Lancet, The*, **2016**, 388, e19-e23 | 40 | 399 |
| 318 | External validation of multivariable prediction models: a systematic review of methodological conduct and reporting. *BMC Medical Research Methodology*, **2014**, 14, 40 | 4.7 | 336 |
| 317 | Prediction models for cardiovascular disease risk in the general population: systematic review. *BMJ, The*, **2016**, 353, i2416 | 5.9 | 326 |
| 316 | Developing risk prediction models for type 2 diabetes: a systematic review of methodology and reporting. *BMC Medicine*, **2011**, 9, 103 | 11.4 | 309 |
| 315 | PROBAST: A Tool to Assess Risk of Bias and Applicability of Prediction Model Studies: Explanation and Elaboration. *Annals of Internal Medicine*, **2019**, 170, W1-W33 | 8 | 285 |
| 314 | Transparent Reporting of a multivariable prediction model for Individual Prognosis Or Diagnosis (TRIPOD): the TRIPOD Statement. *British Journal of Surgery*, **2015**, 102, 148-58 | 5.3 | 284 |
| 313 | Reporting of artificial intelligence prediction models. *Lancet, The*, **2019**, 393, 1577-1579 | 40 | 281 |
| 312 | Sample size considerations for the external validation of a multivariable prognostic model: a resampling study. *Statistics in Medicine*, **2016**, 35, 214-26 | 2.3 | 275 |

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| 311 | Artificial intelligence versus clinicians: systematic review of design, reporting standards, and claims of deep learning studies. *BMJ, The*, **2020**, 368, m689 | 5.9 | 255 |
| 310 | Calculating the sample size required for developing a clinical prediction model. *BMJ, The*, **2020**, 368, m441 | 5.9 | 244 |
| 309 | Transparent reporting of a multivariable prediction model for individual prognosis or diagnosis (TRIPOD): the TRIPOD statement. The TRIPOD Group. *Circulation*, **2015**, 131, 211-9 | 16.7 | 227 |
| 308 | Minimum sample size for developing a multivariable prediction model: PART II - binary and time-to-event outcomes. *Statistics in Medicine*, **2019**, 38, 1276-1296 | 2.3 | 222 |
| 307 | 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 | 5.9 | 206 |
| 306 | Transparent Reporting of a multivariable prediction model for Individual Prognosis Or Diagnosis (TRIPOD). *Annals of Internal Medicine*, **2015**, 162, 735-6 | 8 | 194 |
| 305 | Transparent reporting of a multivariable prediction model for Individual Prognosis or Diagnosis (TRIPOD): the TRIPOD statement. *Journal of Clinical Epidemiology*, **2015**, 68, 134-43 | 5.7 | 194 |
| 304 | Adequate sample size for developing prediction models is not simply related to events per variable. *Journal of Clinical Epidemiology*, **2016**, 76, 175-82 | 5.7 | 192 |
| 303 | 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 | 2.4 | 190 |
| 302 | Transparent Reporting of a Multivariable Prediction Model for Individual Prognosis or Diagnosis (TRIPOD): The TRIPOD Statement. *European Urology*, **2015**, 67, 1142-1151 | 10.2 | 181 |
| 301 | 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 | 2.4 | 178 |
| 300 | A guide to systematic review and meta-analysis of prognostic factor studies. *BMJ, The*, **2019**, 364, k4597 | 5.9 | 176 |
| 299 | No rationale for 1 variable per 10 events criterion for binary logistic regression analysis. *BMC Medical Research Methodology*, **2016**, 16, 163 | 4.7 | 161 |
| 298 | Use of placebo controls in the evaluation of surgery: systematic review. *BMJ, The*, **2014**, 348, g3253 | 5.9 | 153 |
| 297 | Sample size for binary logistic prediction models: Beyond events per variable criteria. *Statistical Methods in Medical Research*, **2019**, 28, 2455-2474 | 2.3 | 147 |
| 296 | An independent and external validation of QRISK2 cardiovascular disease risk score: a prospective open cohort study. *BMJ, The*, **2010**, 340, c2442 | 5.9 | 145 |
| 295 | Interpreting diagnostic accuracy studies for patient care. *BMJ, The*, **2012**, 345, e3999 | 5.9 | 144 |
| 294 | Double-adjustment in propensity score matching analysis: choosing a threshold for considering residual imbalance. *BMC Medical Research Methodology*, **2017**, 17, 78 | 4.7 | 143 |

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| 293 | 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 | 5.9 | 140 |
| 292 | Reporting guidelines for clinical trial reports for interventions involving artificial intelligence: the CONSORT-AI extension. *Nature Medicine*, **2020**, 26, 1364-1374 | 50.5 | 136 |
| 291 | Handling time varying confounding in observational research. *BMJ, The*, **2017**, 359, j4587 | 5.9 | 127 |
| 290 | Guidelines for Accurate and Transparent Health Estimates Reporting: the GATHER statement. *PLoS Medicine*, **2016**, 13, e1002056 | 11.6 | 126 |
| 289 | 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, 268-77 | 5.7 | 115 |
| 288 | Symptoms in children/young people with progressive malignant disease: United Kingdom Children's Cancer Study Group/Paediatric Oncology Nurses Forum survey. *Pediatrics*, **2006**, 117, e1179-86 | 7.4 | 115 |
| 287 | An independent external validation and evaluation of QRISK cardiovascular risk prediction: a prospective open cohort study. *BMJ, The*, **2009**, 339, b2584 | 5.9 | 114 |
| 286 | Mature and immature extracranial teratomas in children: the UK Children's Cancer Study Group Experience. *Journal of Clinical Oncology*, **2008**, 26, 3590-7 | 2.2 | 109 |
| 285 | Guidelines for clinical trial protocols for interventions involving artificial intelligence: the SPIRIT-AI extension. *Nature Medicine*, **2020**, 26, 1351-1363 | 50.5 | 106 |
| 284 | Machine learning and artificial intelligence research for patient benefit: 20 critical questions on transparency, replicability, ethics, and effectiveness. *BMJ, The*, **2020**, 368, l6927 | 5.9 | 105 |
| 283 | Outcomes After Hip Fracture Surgery Compared With Elective Total Hip Replacement. *JAMA - Journal of the American Medical Association*, **2015**, 314, 1159-66 | 27.4 | 102 |
| 282 | Compliance and use of the World Health Organization checklist in U.K. operating theatres. *British Journal of Surgery*, **2013**, 100, 1664-70 | 5.3 | 100 |
| 281 | Preoperative Score to Predict Postoperative Mortality (POSPOM): Derivation and Validation. *Anesthesiology*, **2016**, 124, 570-9 | 4.3 | 95 |
| 280 | 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, 4472-6 | 2.2 | 93 |
| 279 | 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 | 5.9 | 92 |
| 278 | Prognostic models in obstetrics: available, but far from applicable. *American Journal of Obstetrics and Gynecology*, **2016**, 214, 79-90.e36 | 6.4 | 91 |
| 277 | Oxford NOTECHS II: a modified theatre team non-technical skills scoring system. *PLoS ONE*, **2014**, 9, e90320 | 3.7 | 87 |
| 276 | The rise of big clinical databases. *British Journal of Surgery*, **2015**, 102, e93-e101 | 5.3 | 85 |

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| 275 | Systematic review and critical appraisal of prediction models for diagnosis and prognosis of COVID-19 infection | | 84 |
| 274 | New Guideline for the Reporting of Studies Developing, Validating, or Updating a Multivariable Clinical Prediction Model: The TRIPOD Statement. *Advances in Anatomic Pathology*, **2015**, 22, 303-5 | 5.1 | 83 |
| 273 | 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 | 18.8 | 80 |
| 272 | Predicting risk of osteoporotic and hip fracture in the United Kingdom: prospective independent and external validation of QFractureScores. *BMJ, The*, **2011**, 342, d3651 | 5.9 | 76 |
| 271 | Quantifying the impact of different approaches for handling continuous predictors on the performance of a prognostic model. *Statistics in Medicine*, **2016**, 35, 4124-35 | 2.3 | 75 |
| 270 | STRengthening analytical thinking for observational studies: the STRATOS initiative. *Statistics in Medicine*, **2014**, 33, 5413-32 | 2.3 | 72 |
| 269 | 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 | 4 | 68 |
| 268 | Comparing disease activity indices in ulcerative colitis. *Journal of Crohn's and Colitis*, **2014**, 8, 318-25 | 1.5 | 67 |
| 267 | Early warning scores for detecting deterioration in adult hospital patients: systematic review and critical appraisal of methodology. *BMJ, The*, **2020**, 369, m1501 | 5.9 | 64 |
| 266 | Overdiagnosis of bone fragility in the quest to prevent hip fracture. *BMJ, The*, **2015**, 350, h2088 | 5.9 | 64 |
| 265 | Framework for the impact analysis and implementation of Clinical Prediction Rules (CPRs). *BMC Medical Informatics and Decision Making*, **2011**, 11, 62 | 3.6 | 64 |
| 264 | Statistical Primer: developing and validating a risk prediction model. *European Journal of Cardio-thoracic Surgery*, **2018**, 54, 203-208 | 3 | 59 |
| 263 | 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 | 21.7 | 59 |
| 262 | Minimum sample size for developing a multivariable prediction model: Part I´-´Continuous outcomes. *Statistics in Medicine*, **2019**, 38, 1262-1275 | 2.3 | 59 |
| 261 | Poor reporting of multivariable prediction model studies: towards a targeted implementation strategy of the TRIPOD statement. *BMC Medicine*, **2018**, 16, 120 | 11.4 | 57 |
| 260 | Transparent reporting of a multivariable prediction model for individual prognosis or diagnosis (TRIPOD): the TRIPOD statement. *British Journal of Cancer*, **2015**, 112, 251-9 | 8.7 | 55 |
| 259 | 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 | 5.9 | 53 |
| 258 | Risk assessment of fragility fractures: summary of NICE guidance. *BMJ, The*, **2012**, 345, e3698 | 5.9 | 51 |

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| 257 | Transparent reporting of a multivariable prediction model for individual prognosis or diagnosis (TRIPOD): the TRIPOD statement. *BJOG: an International Journal of Obstetrics and Gynaecology*, **2015**, 122, 434-43 | 3.7 | 46 |
| 256 | 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 | 18.8 | 46 |
| 255 | Health related quality of life in Middle Eastern children with beta-thalassemia. *BMC Blood Disorders*, **2012**, 12, 6 | | 46 |
| 254 | Past and projected temporal trends in arthroscopic hip surgery in England between 2002 and 2013. *BMJ Open Sport and Exercise Medicine*, **2016**, 2, e000082 | 3.4 | 45 |
| 253 | Key steps and common pitfalls in developing and validating risk models. *BJOG: an International Journal of Obstetrics and Gynaecology*, **2017**, 124, 423-432 | 3.7 | 45 |
| 252 | 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 | 3 | 45 |
| 251 | 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 | 3 | 44 |
| 250 | Fracture risk assessment: state of the art, methodologically unsound, or poorly reported?. *Current Osteoporosis Reports*, **2012**, 10, 199-207 | 5.4 | 42 |
| 249 | External validation of QDSCORE(⬛) for predicting the 10-year risk of developing Type 2 diabetes. *Diabetic Medicine*, **2011**, 28, 599-607 | 3.5 | 42 |
| 248 | Simple randomization did not protect against bias in smaller trials. *Journal of Clinical Epidemiology*, **2017**, 84, 105-113 | 5.7 | 40 |
| 247 | Guide to presenting clinical prediction models for use in clinical settings. *BMJ, The*, **2019**, 365, l737 | 5.9 | 40 |
| 246 | 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 | 2.3 | 40 |
| 245 | Feasibility of surgical randomised controlled trials with a placebo arm: a systematic review. *BMJ Open*, **2016**, 6, e010194 | 3 | 39 |
| 244 | Impact of perioperative bleeding on the protective effect of β-blockers during infrarenal aortic reconstruction. *Anesthesiology*, **2012**, 117, 1203-11 | 4.3 | 39 |
| 243 | DECIDE-AI: new reporting guidelines to bridge the development-to-implementation gap in clinical artificial intelligence. *Nature Medicine*, **2021**, 27, 186-187 | 50.5 | 39 |
| 242 | 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, 861-6 | 4.7 | 38 |
| 241 | Predictive analytics in health care: how can we know it works?. *Journal of the American Medical Informatics Association: JAMIA*, **2019**, 26, 1651-1654 | 8.6 | 37 |
| 240 | A combined teamwork training and work standardisation intervention in operating theatres: controlled interrupted time series study. *BMJ Quality and Safety*, **2015**, 24, 111-9 | 5.4 | 37 |

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| 239 | Reporting of participant flow diagrams in published reports of randomized trials. *Trials*, **2011**, 12, 253 | 2.8 | 37 |
| 238 | Defining Faecal Calprotectin Thresholds as a Surrogate for Endoscopic and Histological Disease Activity in Ulcerative Colitis-a Prospective Analysis. *Journal of Crohns and Colitis*, **2019**, 13, 424-430 | 1.5 | 37 |
| 237 | Guidelines for clinical trial protocols for interventions involving artificial intelligence: the SPIRIT-AI extension. *The Lancet Digital Health*, **2020**, 2, e549-e560 | 14.4 | 36 |
| 236 | Securing recruitment and obtaining informed consent in minority ethnic groups in the UK. *BMC Health Services Research*, **2008**, 8, 68 | 2.9 | 35 |
| 235 | Opioid use in palliative care of children and young people with cancer. *Journal of Pediatrics*, **2008**, 152, 39-44 | 3.6 | 35 |
| 234 | Explicit inclusion of treatment in prognostic modeling was recommended in observational and randomized settings. *Journal of Clinical Epidemiology*, **2016**, 78, 90-100 | 5.7 | 35 |
| 233 | Reporting guidelines for clinical trial reports for interventions involving artificial intelligence: the CONSORT-AI extension. *The Lancet Digital Health*, **2020**, 2, e537-e548 | 14.4 | 34 |
| 232 | Identifying patients with undetected colorectal cancer: an independent validation of QCancer (Colorectal). *British Journal of Cancer*, **2012**, 107, 260-5 | 8.7 | 33 |
| 231 | 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 | 3 | 32 |
| 230 | Early warning scores for detecting deterioration in adult hospital patients: a systematic review protocol. *BMJ Open*, **2017**, 7, e019268 | 3 | 32 |
| 229 | Combining Systems and Teamwork Approaches to Enhance the Effectiveness of Safety Improvement Interventions in Surgery: The Safer Delivery of Surgical Services (S3) Program. *Annals of Surgery*, **2017**, 265, 90-96 | 7.8 | 31 |
| 228 | 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 | 9.5 | 30 |
| 227 | The National Early Warning Score 2 (NEWS2). *Clinical Medicine*, **2019**, 19, 260 | 1.9 | 28 |
| 226 | Using Causal Diagrams to Improve the Design and Interpretation of Medical Research. *Chest*, **2020**, 158, S21-S28 | 5.3 | 28 |
| 225 | Incidence of shoulder dislocations in the UK, 1995-2015: a population-based cohort study. *BMJ Open*, **2017**, 7, e016112 | 3 | 28 |
| 224 | Capturing intraoperative process deviations using a direct observational approach: the glitch method. *BMJ Open*, **2013**, 3, e003519 | 3 | 28 |
| 223 | Modification and validation of the Revised Diabetes Knowledge Scale. *Diabetic Medicine*, **2011**, 28, 306-10 | 3.5 | 27 |
| 222 | 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 | 1.5 | 26 |

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| 221 | Serious adverse events and lifetime risk of reoperation after elective shoulder replacement: population based cohort study using hospital episode statistics for England. *BMJ, The*, **2019**, 364, l298 | 5.9 | 26 |
| 220 | A Guideline for Reporting Mediation Analyses of Randomized Trials and Observational Studies: The AGReMA Statement. *JAMA - Journal of the American Medical Association*, **2021**, 326, 1045-1056 | 27.4 | 26 |
| 219 | 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 | 5.3 | 25 |
| 218 | Conflicts at the heart of the FRAX tool. *Cmaj*, **2014**, 186, 165-7 | 3.5 | 25 |
| 217 | 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 | 4.4 | 25 |
| 216 | Reflection on modern methods: demystifying robust standard errors for epidemiologists. *International Journal of Epidemiology*, **2021**, 50, 346-351 | 7.8 | 25 |
| 215 | Predicting the adverse risk of statin treatment: an independent and external validation of Qstatin risk scores in the UK. *Heart*, **2012**, 98, 1091-7 | 5.1 | 24 |
| 214 | Quality Improvement in Surgery Combining Lean Improvement Methods with Teamwork Training: A Controlled Before-After Study. *PLoS ONE*, **2015**, 10, e0138490 | 3.7 | 24 |
| 213 | Prevalence, Deaths, and Disability-Adjusted Life Years Due to Musculoskeletal Disorders for 195 Countries and Territories 1990-2017. *Arthritis and Rheumatology*, **2021**, 73, 702-714 | 9.5 | 24 |
| 212 | 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 | 2.8 | 22 |
| 211 | Control chart methods for monitoring surgical performance: a case study from gastro-oesophageal surgery. *European Journal of Surgical Oncology*, **2011**, 37, 473-80 | 3.6 | 22 |
| 210 | Change of diffusion mechanism with lattice parameter in the series of lanthanide indides having L12 structure. *Physical Review Letters*, **2009**, 102, 155901 | 7.4 | 22 |
| 209 | Development of alternative methods of data collection in South Asians with Type 2 diabetes. *Diabetic Medicine*, **2008**, 25, 455-62 | 3.5 | 22 |
| 208 | Penalization and shrinkage methods produced unreliable clinical prediction models especially when sample size was small. *Journal of Clinical Epidemiology*, **2021**, 132, 88-96 | 5.7 | 22 |
| 207 | A CHecklist for statistical Assessment of Medical Papers (the CHAMP statement): explanation and elaboration. *British Journal of Sports Medicine*, **2021**, 55, 1009-1017 | 10.3 | 22 |
| 206 | Transparent reporting of a multivariable prediction model for individual prognosis or diagnosis (TRIPOD): the TRIPOD Statement. *European Journal of Clinical Investigation*, **2015**, 45, 204-14 | 4.6 | 21 |
| 205 | Identifying patients with undetected gastro-oesophageal cancer in primary care: External validation of QCancer▯ (Gastro-Oesophageal). *European Journal of Cancer*, **2013**, 49, 1040-8 | 7.5 | 21 |
| 204 | TRIPOD statement: a preliminary pre-post analysis of reporting and methods of prediction models. *BMJ Open*, **2020**, 10, e041537 | 3 | 21 |

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| 203 | Protocol for a systematic review on the methodological and reporting quality of prediction model studies using machine learning techniques. *BMJ Open*, **2020**, 10, e038832 | 3 | 21 |
| 202 | Minimum sample size for external validation of a clinical prediction model with a binary outcome. *Statistics in Medicine*, **2021**, 40, 4230-4251 | 2.3 | 21 |
| 201 | Composition-driven changes in lattice sites occupied by indium solutes in Ni2Al3 phases. *Physical Review B*, **2004**, 70, | 3.3 | 20 |
| 200 | Reporting guideline checklists are not quality evaluation forms: they are guidance for writing. *Health Science Reports*, **2020**, 3, e165 | 2.2 | 19 |
| 199 | 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 | 6.3 | 19 |
| 198 | Maximising value from a United Kingdom Biomedical Research Centre: study protocol. *Health Research Policy and Systems*, **2017**, 15, 70 | 3.7 | 18 |
| 197 | Correlation Between Endoscopic and Histological Activity in Ulcerative Colitis Using Validated Indices. *Journal of Crohn's and Colitis*, **2018**, 12, 1151-1157 | 1.5 | 18 |
| 196 | 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 | 1.4 | 18 |
| 195 | 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, 120-7 | 5.4 | 17 |
| 194 | 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, e243-50 | 1.6 | 17 |
| 193 | Temperature- and composition-driven changes in site occupation of indium solutes in Gd1+3xAl2-3x. *Physical Review B*, **2004**, 69, | 3.3 | 17 |
| 192 | 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 | 1.4 | 17 |
| 191 | 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 | 4.8 | 17 |
| 190 | Consequences of relying on statistical significance: Some illustrations. *European Journal of Clinical Investigation*, **2018**, 48, e12912 | 4.6 | 16 |
| 189 | Identifying women with undetected ovarian cancer: independent and external validation of QCancer( ) (Ovarian) prediction model. *European Journal of Cancer Care*, **2013**, 22, 423-9 | 2.4 | 16 |
| 188 | Methodology over metrics: current scientific standards are a disservice to patients and society. *Journal of Clinical Epidemiology*, **2021**, 138, 219-226 | 5.7 | 16 |
| 187 | To Adjust or Not to Adjust: The Role of Different Covariates in Cardiovascular Observational Studies. *American Heart Journal*, **2021**, 237, 62-67 | 4.9 | 16 |
| 186 | Patient-Reported Outcomes as Independent Prognostic Factors for Survival in Oncology: Systematic Review and Meta-Analysis. *Value in Health*, **2021**, 24, 250-267 | 3.3 | 16 |

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| 185 | A meta-analysis of temporal changes of response in the placebo arm of surgical randomized controlled trials: an update. *Trials*, **2017**, 18, 323 | 2.8 | 15 |
| 184 | TIDieR-Placebo: A guide and checklist for reporting placebo and sham controls. *PLoS Medicine*, **2020**, 17, e1003294 | 11.6 | 15 |
| 183 | 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 | 1.5 | 15 |
| 182 | Minimum sample size for external validation of a clinical prediction model with a continuous outcome. *Statistics in Medicine*, **2021**, 40, 133-146 | 2.3 | 15 |
| 181 | Comparison of the ability of double-robust estimators to correct bias in propensity score matching analysis. A Monte Carlo simulation study. *Pharmacoepidemiology and Drug Safety*, **2017**, 26, 1513-1519 | 2.6 | 14 |
| 180 | Identifying patients with undetected renal tract cancer in primary care: an independent and external validation of QCancer□ (Renal) prediction model. *Cancer Epidemiology*, **2013**, 37, 115-20 | 2.8 | 14 |
| 179 | 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 | 5 | 14 |
| 178 | Identifying patients with undetected pancreatic cancer in primary care: an independent and external validation of QCancer(□) (Pancreas). *British Journal of General Practice*, **2013**, 63, e636-42 | 1.6 | 14 |
| 177 | Nonstoichiometry in line compounds. *Journal of Materials Science*, **2007**, 42, 1915-1919 | 4.3 | 14 |
| 176 | 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 | 5.7 | 14 |
| 175 | An external validation of models to predict the onset of chronic kidney disease using population-based electronic health records from Salford, UK. *BMC Medicine*, **2016**, 14, 104 | 11.4 | 14 |
| 174 | Predicting the Individual Risk of Acute Severe Colitis at Diagnosis. *Journal of Crohn's and Colitis*, **2017**, 11, 335-341 | 1.5 | 14 |
| 173 | Design choices for observational studies of the effect of exposure on disease incidence. *BMJ Open*, **2019**, 9, e031031 | 3 | 14 |
| 172 | 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 | 3.9 | 14 |
| 171 | Risk of bias in studies on prediction models developed using supervised machine learning techniques: systematic review. *BMJ, The*, **2021**, 375, n2281 | 5.9 | 13 |
| 170 | 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 | 22.4 | 13 |
| 169 | Different perception of surgical risks between physicians and patients undergoing laparoscopic cholecystectomy. *Surgical Laparoscopy, Endoscopy and Percutaneous Techniques*, **2009**, 19, 305-11 | 1.3 | 12 |
| 168 | Prospective validation of the RAPID clinical risk prediction score in adult patients with pleural infection: the PILOT study. *European Respiratory Journal*, **2020**, 56, | 13.6 | 12 |

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| 167 | Transparent Reporting of Multivariable Prediction Models in Journal and Conference Abstracts: TRIPOD for Abstracts. *Annals of Internal Medicine*, **2020**, | 8 | 12 |
| 166 | Developing a reporting guideline for artificial intelligence-centred diagnostic test accuracy studies: the STARD-AI protocol. *BMJ Open*, **2021**, 11, e047709 | 3 | 12 |
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