

Iain E Buchan

List of Publications by Year in descending order

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Version: 2024-02-01

261
papers

17,756
citations

14655

66
h-index

16650

123
g-index

278
all docs

278
docs citations

278
times ranked

28544
citing authors

#	ARTICLE	IF	CITATIONS
1	Anti-TNF Antibody Therapy in Rheumatoid Arthritis and the Risk of Serious Infections and Malignancies. JAMA - Journal of the American Medical Association, 2006, 295, 2275.	7.4	2,190
2	Risk stratification of patients admitted to hospital with covid-19 using the ISARIC WHO Clinical Characterisation Protocol: development and validation of the 4C Mortality Score. BMJ, The, 2020, 370, m3339.	6.0	779
3	Adherence to Antiretroviral Therapy in Sub-Saharan Africa and North America. JAMA - Journal of the American Medical Association, 2006, 296, 679.	7.4	748
4	Regression based quasi-experimental approach when randomisation is not an option: interrupted time series analysis. BMJ, The, 2015, 350, h2750-h2750.	6.0	689
5	Adherence to HAART: A Systematic Review of Developed and Developing Nation Patient-Reported Barriers and Facilitators. PLoS Medicine, 2006, 3, e438.	8.4	623
6	Smoking and age-related macular degeneration: a review of association. Eye, 2005, 19, 935-944.	2.1	452
7	Body Fat Distribution and Risk of Coronary Heart Disease in Men and Women in the European Prospective Investigation Into Cancer and Nutrition in Norfolk Cohort. Circulation, 2007, 116, 2933-2943.	1.6	407
8	Long-term Glycemic Variability and Risk of Adverse Outcomes: A Systematic Review and Meta-analysis. Diabetes Care, 2015, 38, 2354-2369.	8.6	387
9	Beyond Atopy. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 1200-1206.	5.6	364
10	Effect of breast feeding on risk of coeliac disease: a systematic review and meta-analysis of observational studies. Archives of Disease in Childhood, 2005, 91, 39-43.	1.9	304
11	Why linked data is not enough for scientists. Future Generation Computer Systems, 2013, 29, 599-611.	7.5	230
12	Incident cancer burden attributable to excess body mass index in 30 European countries. International Journal of Cancer, 2010, 126, 692-702.	5.1	227
13	Developmental Profiles of Eczema, Wheeze, and Rhinitis: Two Population-Based Birth Cohort Studies. PLoS Medicine, 2014, 11, e1001748.	8.4	216
14	Do patients have worse outcomes in heart failure than in cancer? A primary care-based cohort study with 10-year follow-up in Scotland. European Journal of Heart Failure, 2017, 19, 1095-1104.	7.1	213
15	Lung function trajectories from pre-school age to adulthood and their associations with early life factors: a retrospective analysis of three population-based birth cohort studies. Lancet Respiratory Medicine, the, 2018, 6, 526-534.	10.7	208
16	Diabetes and cancer (1): evaluating the temporal relationship between type 2 diabetes and cancer incidence. Diabetologia, 2012, 55, 1607-1618.	6.3	191
17	The feasibility and validity of ambulatory self-report of psychotic symptoms using a smartphone software application. BMC Psychiatry, 2012, 12, 172.	2.6	161
18	Development and validation of the ISARIC 4C Deterioration model for adults hospitalised with COVID-19: a prospective cohort study. Lancet Respiratory Medicine, the, 2021, 9, 349-359.	10.7	161

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19	Actissist: Proof-of-Concept Trial of a Theory-Driven Digital Intervention for Psychosis. Schizophrenia Bulletin, 2018, 44, 1070-1080.	4.3	160
20	Trajectories of Lung Function during Childhood. American Journal of Respiratory and Critical Care Medicine, 2014, 189, 1101-1109.	5.6	153
21	The comorbidity burden of type 2 diabetes mellitus: patterns, clusters and predictions from a large English primary care cohort. BMC Medicine, 2019, 17, 145.	5.5	151
22	Put to the test: use of rapid testing technologies for covid-19. BMJ, The, 2021, 372, n208.	6.0	150
23	Framework to construct and interpret latent class trajectory modelling. BMJ Open, 2018, 8, e020683.	1.9	149
24	Causal inference and counterfactual prediction in machine learning for actionable healthcare. Nature Machine Intelligence, 2020, 2, 369-375.	16.0	147
25	Contralateral mastectomy improves survival in women with BRCA1/2-associated breast cancer. Breast Cancer Research and Treatment, 2013, 140, 135-142.	2.5	144
26	Clarifying the evidence on SARS-CoV-2 antigen rapid tests in public health responses to COVID-19. Lancet, The, 2021, 397, 1425-1427.	13.7	143
27	Pioglitazone and bladder cancer risk: a multipopulation pooled, cumulative exposure analysis. Diabetologia, 2015, 58, 493-504.	6.3	140
28	The Role of Social Network Technologies in Online Health Promotion: A Narrative Review of Theoretical and Empirical Factors Influencing Intervention Effectiveness. Journal of Medical Internet Research, 2015, 17, e141.	4.3	134
29	Contributions of treatment and lifestyle to declining CVD mortality: why have CVD mortality rates declined so much since the 1960s?. Heart, 2013, 99, 159-162.	2.9	130
30	Clinical prediction in defined populations: a simulation study investigating when and how to aggregate existing models. BMC Medical Research Methodology, 2017, 17, 1.	3.1	130
31	Evolution pathways of IgE responses to grass and mite allergens throughout childhood. Journal of Allergy and Clinical Immunology, 2015, 136, 1645-1652.e8.	2.9	129
32	A Comparison of Two Delivery Modalities of a Mobile Phone-Based Assessment for Serious Mental Illness: Native Smartphone Application vs Text-Messaging Only Implementations. Journal of Medical Internet Research, 2013, 15, e60.	4.3	128
33	Universal weekly testing as the UK COVID-19 lockdown exit strategy. Lancet, The, 2020, 395, 1420-1421.	13.7	127
34	Dynamic trends in cardiac surgery: why the logistic EuroSCORE is no longer suitable for contemporary cardiac surgery and implications for future risk models. European Journal of Cardio-thoracic Surgery, 2013, 43, 1146-1152.	1.4	123
35	Life Expectancy and Cause-Specific Mortality in Type 2 Diabetes: A Population-Based Cohort Study Quantifying Relationships in Ethnic Subgroups. Diabetes Care, 2017, 40, 338-345.	8.6	121
36	Diabetes and cancer (2): evaluating the impact of diabetes on mortality in patients with cancer. Diabetologia, 2012, 55, 1619-1632.	6.3	109

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37	Research Objects: Towards Exchange and Reuse of Digital Knowledge. Nature Precedings, 2010, , .	0.1	105
38	Assessing Individual Breast Cancer Risk within the U.K. National Health Service Breast Screening Program: A New Paradigm for Cancer Prevention. Cancer Prevention Research, 2012, 5, 943-951.	1.5	104
39	Outcome-sensitive multiple imputation: a simulation study. BMC Medical Research Methodology, 2017, 17, 2.	3.1	103
40	Collider Bias Is Only a Partial Explanation for the Obesity Paradox. Epidemiology, 2016, 27, 525-530.	2.7	98
41	Access and Non-Access Site Bleeding After Percutaneous Coronary Intervention and Risk of Subsequent Mortality and Major Adverse Cardiovascular Events. Circulation: Cardiovascular Interventions, 2015, 8, .	3.9	95
42	A review of the international Burn Injury Database (iBID) for England and Wales: descriptive analysis of burn injuries 2003-2011. BMJ Open, 2015, 5, e006184-e006184.	1.9	94
43	Prolonged PR interval, first-degree heart block and adverse cardiovascular outcomes: a systematic review and meta-analysis. Heart, 2016, 102, 672-680.	2.9	93
44	Cardiorespiratory fitness and body mass index of 9-11-year-old English children: a serial cross-sectional study from 1998 to 2004. International Journal of Obesity, 2007, 31, 1172-1178.	3.4	92
45	A review of statistical updating methods for clinical prediction models. Statistical Methods in Medical Research, 2018, 27, 185-197.	1.5	91
46	Active Assistance Technology for Health-Related Behavior Change: An Interdisciplinary Review. Journal of Medical Internet Research, 2012, 14, e80.	4.3	91
47	How does EuroSCORE II perform in UK cardiac surgery; an analysis of 23740 patients from the Society for Cardiothoracic Surgery in Great Britain and Ireland National Database. Heart, 2012, 98, 1568-1572.	2.9	88
48	Trustworthy reuse of health data: A transnational perspective. International Journal of Medical Informatics, 2013, 82, 1-9.	3.3	87
49	Demographics of dogs, cats, and rabbits attending veterinary practices in Great Britain as recorded in their electronic health records. BMC Veterinary Research, 2017, 13, 218.	1.9	87
50	Comparing data mining methods with logistic regression in childhood obesity prediction. Information Systems Frontiers, 2009, 11, 449-460.	6.4	85
51	Adoption of Clinical Decision Support in Multimorbidity: A Systematic Review. JMIR Medical Informatics, 2015, 3, e4.	2.6	85
52	Troponin-only Manchester Acute Coronary Syndromes (T-MACS) decision aid: single biomarker re-derivation and external validation in three cohorts. Emergency Medicine Journal, 2017, 34, 349-356.	1.0	84
53	Assessing life-space mobility for a more holistic view on wellbeing in geriatric research and clinical practice. Aging Clinical and Experimental Research, 2019, 31, 439-445.	2.9	84
54	Trends in mortality from 1965 to 2008 across the English north-south divide: comparative observational study. BMJ: British Medical Journal, 2011, 342, d508-d508.	2.3	83

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55	Investigating the relationship between quality of primary care and premature mortality in England: a spatial whole-population study. <i>BMJ, The</i> , 2015, 350, h904-h904.	6.0	82
56	Cardiovascular Risk and Risk Factor Management in Type 2 Diabetes Mellitus. <i>Circulation</i> , 2019, 139, 2742-2753.	1.6	81
57	Baseline Bleeding Risk and Arterial Access Site Practice in Relation to Procedural Outcomes After Percutaneous Coronary Intervention. <i>Journal of the American College of Cardiology</i> , 2014, 64, 1554-1564.	2.8	80
58	Joint modeling of parentally reported and physician-confirmed wheeze identifies children with persistent troublesome wheezing. <i>Journal of Allergy and Clinical Immunology</i> , 2013, 132, 575-583.e12.	2.9	77
59	Body mass index in young children and allergic disease: gender differences in a longitudinal study. <i>Clinical and Experimental Allergy</i> , 2011, 41, 78-85.	2.9	74
60	Big health data: the need to earn public trust. <i>BMJ, The</i> , 2016, 354, i3636.	6.0	74
61	Breast cancer risk feedback to women in the UK NHS breast screening population. <i>British Journal of Cancer</i> , 2016, 114, 1045-1052.	6.4	73
62	Changes in Arterial Access Site and Association With Mortality in the United Kingdom. <i>Circulation</i> , 2016, 133, 1655-1667.	1.6	71
63	Challenges in obesity epidemiology. <i>Obesity Reviews</i> , 2007, 8, 1-11.	6.5	69
64	Stroke following percutaneous coronary intervention: type-specific incidence, outcomes and determinants seen by the British Cardiovascular Intervention Society 2007-12. <i>European Heart Journal</i> , 2015, 36, 1618-1628.	2.2	69
65	The sperm deformity index: a reliable predictor of the outcome of oocyte fertilization in vitro. <i>Fertility and Sterility</i> , 1996, 66, 1000-1008.	1.0	68
66	The high prevalence of unrecognized anaemia in patients with diabetes and chronic kidney disease: a population-based study. <i>Diabetic Medicine</i> , 2008, 25, 564-569.	2.3	68
67	Estrogen and COVID-19 symptoms: Associations in women from the COVID Symptom Study. <i>PLoS ONE</i> , 2021, 16, e0257051.	2.5	68
68	Caudal epidurals: the whoosh test. <i>Anaesthesia</i> , 1998, 53, 305-307.	3.8	67
69	Electronic Health Records Should Support Clinical Research. <i>Journal of Medical Internet Research</i> , 2005, 7, e4.	4.3	67
70	Slowing down of adult body mass index trend increases in England: a latent class analysis of cross-sectional surveys (1992-2010). <i>International Journal of Obesity</i> , 2014, 38, 818-824.	3.4	66
71	Glucose, blood pressure and cholesterol levels and their relationships to clinical outcomes in type 2 diabetes: a retrospective cohort study. <i>Diabetologia</i> , 2015, 58, 505-518.	6.3	66
72	Effect of delaying treatment of first-episode psychosis on symptoms and social outcomes: a longitudinal analysis and modelling study. <i>Lancet Psychiatry, the</i> , 2020, 7, 602-610.	7.4	66

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73	Performance of the Innova SARS-CoV-2 antigen rapid lateral flow test in the Liverpool asymptomatic testing pilot: population based cohort study. <i>BMJ, The</i> , 2021, 374, n1637.	6.0	66
74	Impact of left ventricular function in relation to procedural outcomes following percutaneous coronary intervention: insights from the British Cardiovascular Intervention Society. <i>European Heart Journal</i> , 2014, 35, 3004-3012.	2.2	65
75	How does vulnerability to COVID-19 vary between communities in England? Developing a Small Area Vulnerability Index (SAVI). <i>Journal of Epidemiology and Community Health</i> , 2021, 75, 729-734.	3.7	65
76	Predicting mortality from change-over-time in the Charlson Comorbidity Index. <i>Medicine (United Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 6</i>	1.0	62
77	Risk-reducing surgery increases survival in BRCA1/2 mutation carriers unaffected at time of family referral. <i>Breast Cancer Research and Treatment</i> , 2013, 142, 611-618.	2.5	58
78	Influenza, influenza-like symptoms and their association with cardiovascular risks: a systematic review and meta-analysis of observational studies. <i>International Journal of Clinical Practice</i> , 2015, 69, 928-937.	1.7	58
79	Disaggregating asthma: Big investigation versus big data. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 400-407.	2.9	58
80	Relationship Between Anemia and Mortality Outcomes in a National Acute Coronary Syndrome Cohort: Insights From the UK Myocardial Ischemia National Audit Project Registry. <i>Journal of the American Heart Association</i> , 2016, 5, .	3.7	57
81	Alterations in prescribing by general practitioner fundholders: an observational study. <i>BMJ: British Medical Journal</i> , 1995, 311, 1347-1350.	2.3	57
82	The Study Team for Early Life Asthma Research (STELAR) consortium â€ˆAsthma e-labâ€™™: team science bringing data, methods and investigators together. <i>Thorax</i> , 2015, 70, 799-801.	5.6	56
83	Evaluating social and spatial inequalities of large scale rapid lateral flow SARS-CoV-2 antigen testing in COVID-19 management: An observational study of Liverpool, UK (November 2020 to January 2021). <i>Lancet Regional Health - Europe, The</i> , 2021, 6, 100107.	5.6	56
84	Ethnicity and Outcomes from COVID-19: The ISARIC CCP-UK Prospective Observational Cohort Study of Hospitalised Patients. <i>SSRN Electronic Journal</i> , 0, , .	0.4	56
85	Primary Prevention of Cardiovascular and Heart Failure Events With SGLT2 Inhibitors, GLP-1 Receptor Agonists, and Their Combination in Type 2 Diabetes. <i>Diabetes Care</i> , 2022, 45, 909-918.	8.6	56
86	Arterial access site utilization in cardiogenic shock in the United Kingdom: Is radial access feasible?. <i>American Heart Journal</i> , 2014, 167, 900-908.e1.	2.7	54
87	Mortality risk prediction in burn injury: Comparison of logistic regression with machine learning approaches. <i>Burns</i> , 2015, 41, 925-934.	1.9	54
88	North-South disparities in English mortality1965â€™2015: longitudinal population study. <i>Journal of Epidemiology and Community Health</i> , 2017, 71, 928-936.	3.7	54
89	Risk Factor Control and Cardiovascular Event Risk in People With Type 2 Diabetes in Primary and Secondary Prevention Settings. <i>Circulation</i> , 2020, 142, 1925-1936.	1.6	54
90	National-scale clinical information exchange in the United Kingdom: lessons for the United States. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2011, 18, 91-98.	4.4	53

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91	Combining Health Data Uses to Ignite Health System Learning. <i>Methods of Information in Medicine</i> , 2015, 54, 479-487.	1.2	53
92	Body mass index relates weight to height differently in women and older adults: serial cross-sectional surveys in England (1992â€“2011). <i>Journal of Public Health</i> , 2016, 38, 607-613.	1.8	52
93	Age-, sex- and ethnicity-related differences in body weight, blood pressure, HbA1c and lipid levels at the diagnosis of type 2 diabetes relative to people without diabetes. <i>Diabetologia</i> , 2020, 63, 1542-1553.	6.3	51
94	Challenges in interpreting allergen microarrays in relation to clinical symptoms: A machine learning approach. <i>Pediatric Allergy and Immunology</i> , 2014, 25, 71-79.	2.6	49
95	Prevalence and Impact of Co-morbidity Burden as Defined by the Charlson Co-morbidity Index on 30-Day and 1- and 5-Year Outcomes After Coronary Stent Implantation (from the Nobori-2 Study). <i>American Journal of Cardiology</i> , 2015, 116, 364-371.	1.6	49
96	Cardiovascular screening to reduce the burden from cardiovascular disease: microsimulation study to quantify policy options. <i>BMJ</i> , The, 2016, 353, i2793.	6.0	49
97	Impact of specialist care on clinical outcomes for medical emergencies. <i>Clinical Medicine</i> , 2006, 6, 286-293.	1.9	47
98	Predicting heart failure decompensation using cardiac implantable electronic devices: a review of practices and challenges. <i>European Journal of Heart Failure</i> , 2016, 18, 977-986.	7.1	47
99	A contemporary risk model for predicting 30-day mortality following percutaneous coronary intervention in England and Wales. <i>International Journal of Cardiology</i> , 2016, 210, 125-132.	1.7	47
100	Dissociation of bodyâ€™temperature and melatonin secretion circadian rhythms in patients with chronic fatigue syndrome. <i>Clinical Physiology</i> , 1996, 16, 327-337.	0.7	46
101	Challenges in Identifying Asthma Subgroups Using Unsupervised Statistical Learning Techniques. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2013, 188, 1303-1312.	5.6	45
102	Body mass index has risen more steeply in tall than in short 3-year olds: serial cross-sectional surveys 1988â€“2003. <i>International Journal of Obesity</i> , 2007, 31, 23-29.	3.4	44
103	Geographical epidemiology of health and overall deprivation in England, its changes and persistence from 2004 to 2015: a longitudinal spatial population study. <i>Journal of Epidemiology and Community Health</i> , 2018, 72, 140-147.	3.7	44
104	Communicating risks at the population level: application of population impact numbers. <i>BMJ: British Medical Journal</i> , 2003, 327, 1162-1165.	2.3	42
105	Inadequacy of existing clinical prediction models for predicting mortality after transcatheter aortic valve implantation. <i>American Heart Journal</i> , 2017, 184, 97-105.	2.7	42
106	Do frailty measures improve prediction of mortality and morbidity following transcatheter aortic valve implantation? An analysis of the UK TAVI registry. <i>BMJ Open</i> , 2018, 8, e022543.	1.9	42
107	Dynamic Prediction Modeling Approaches for Cardiac Surgery. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2013, 6, 649-658.	2.2	41
108	Prescribing errors during hospital inpatient care: factors influencing identification by pharmacists. <i>International Journal of Clinical Pharmacy</i> , 2009, 31, 682-688.	1.4	40

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109	Estimated reductions in cardiovascular and gastric cancer disease burden through salt policies in England: an IMPACT _{NCD} microsimulation study. BMJ Open, 2017, 7, e013791.	1.9	40
110	Performance of the EuroSCORE Models in Emergency Cardiac Surgery. Circulation: Cardiovascular Quality and Outcomes, 2013, 6, 178-185.	2.2	39
111	Predicting phenotypes of asthma and eczema with machine learning. BMC Medical Genomics, 2014, 7, S7.	1.5	39
112	Clinical code set engineering for reusing EHR data for research: A review. Journal of Biomedical Informatics, 2017, 70, 1-13.	4.3	39
113	Using mobile technology to deliver a cognitive behaviour therapy-informed intervention in early psychosis (Actissist): study protocol for a randomised controlled trial. Trials, 2015, 16, 404.	1.6	38
114	Why Linked Data is Not Enough for Scientists. , 2010, , .		37
115	Breast Cancer Risk in Young Women in the National Breast Screening Programme: Implications for Applying NICE Guidelines for Additional Screening and Chemoprevention. Cancer Prevention Research, 2014, 7, 993-1001.	1.5	37
116	Preâ€¢implantation Balloon Aortic Valvuloplasty and Clinical Outcomes Following Transcatheter Aortic Valve Implantation: A Propensity Score Analysis of the UK Registry. Journal of the American Heart Association, 2017, 6, .	3.7	36
117	Relationship between quality of care and choice of clinical computing system: retrospective analysis of family practice performance under the UK's quality and outcomes framework. BMJ Open, 2013, 3, e003190.	1.9	35
118	Presentation of laboratory test results in patient portals: influence of interface design on risk interpretation and visual search behaviour. BMC Medical Informatics and Decision Making, 2018, 18, 11.	3.0	35
119	Using marginal structural models to adjust for treatment dropâ€¢in when developing clinical prediction models. Statistics in Medicine, 2018, 37, 4142-4154.	1.6	34
120	Requirements Engineering for E-science: Experiences in Epidemiology. IEEE Software, 2009, 26, 80-87.	1.8	33
121	Rapid roll out of SARS-CoV-2 antibody testingâ€¢a concern. BMJ, The, 2020, 369, m2420.	6.0	33
122	Prevention of breast cancer in the context of a national breast screening programme. Journal of Internal Medicine, 2012, 271, 321-330.	6.0	31
123	Primary Care Medication Safety Surveillance with Integrated Primary and Secondary Care Electronic Health Records: A Cross-Sectional Study. Drug Safety, 2015, 38, 671-682.	3.2	31
124	Novel United Kingdom prognostic model for 30-day mortality following transcatheter aortic valve implantation. Heart, 2018, 104, 1109-1116.	2.9	31
125	National Registry Data and Record Linkage to Inform Postmarket Surveillance of Prosthetic Aortic Valve Models Over 15 Years. JAMA Internal Medicine, 2017, 177, 79.	5.1	30
126	Asthma phenotypes in childhood. Expert Review of Clinical Immunology, 2017, 13, 705-713.	3.0	30

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127	Data-driven identification of endophenotypes of Alzheimer's disease progression: implications for clinical trials and therapeutic interventions. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 4.	6.2	29
128	Atopic Dermatitis and Respiratory Allergy: What is the Link. <i>Current Dermatology Reports</i> , 2015, 4, 221-227.	2.1	28
129	The influence of patient portals on users' decision making is insufficiently investigated: A systematic methodological review. <i>International Journal of Medical Informatics</i> , 2018, 111, 100-111.	3.3	28
130	Knowledge engineering for health: A new discipline required to bridge the 'ICT gap' between research and healthcare. <i>Human Mutation</i> , 2012, 33, 797-802.	2.5	27
131	Disparities in mortality among 25-44-year-olds in England: a longitudinal, population-based study. <i>Lancet Public Health</i> , The, 2018, 3, e567-e575.	10.0	27
132	Self-management intervention to reduce pulmonary exacerbations by supporting treatment adherence in adults with cystic fibrosis: a randomised controlled trial. <i>Thorax</i> , 2022, 77, 461-469.	5.6	27
133	Recalibrating SARS-CoV-2 Antigen Rapid Lateral Flow Test Relative Sensitivity from Validation Studies to Absolute Sensitivity for Indicating Individuals Shedding Transmissible Virus. <i>Clinical Epidemiology</i> , 2021, Volume 13, 935-940.	3.0	27
134	Local clinical guidelines: description and evaluation of a participative method for their development and implementation. <i>Family Practice</i> , 1996, 13, 28-34.	1.9	26
135	Interface design recommendations for computerised clinical audit and feedback: Hybrid usability evidence from a research-led system. <i>International Journal of Medical Informatics</i> , 2016, 94, 191-206.	3.3	26
136	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.	5.5	24
137	Using imaging to combat a pandemic: rationale for developing the UK National COVID-19 Chest Imaging Database. <i>European Respiratory Journal</i> , 2020, 56, 2001809.	6.7	24
138	Prospective validation of the 4C prognostic models for adults hospitalised with COVID-19 using the ISARIC WHO Clinical Characterisation Protocol. <i>Thorax</i> , 2022, 77, 606-615.	5.6	24
139	Ovarian cancer among 8005 women from a breast cancer family history clinic: no increased risk of invasive ovarian cancer in families testing negative for BRCA1 and BRCA2. <i>Journal of Medical Genetics</i> , 2013, 50, 368-372.	3.2	23
140	Is There a Relationship of Operator and Center Volume With Access Site-Related Outcomes?. <i>Circulation: Cardiovascular Interventions</i> , 2016, 9, e003333.	3.9	23
141	Multi-method laboratory user evaluation of an actionable clinical performance information system: Implications for usability and patient safety. <i>Journal of Biomedical Informatics</i> , 2018, 77, 62-80.	4.3	23
142	Rapid antigen testing in COVID-19 responses. <i>Science</i> , 2021, 372, 571-572.	12.6	23
143	User engagement by user-centred design in e-Health. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2010, 368, 4209-4224.	3.4	21
144	Obesity paradox and mortality in adults with and without incident type 2 diabetes: a matched population-level cohort study. <i>BMJ Open Diabetes Research and Care</i> , 2017, 5, e000369.	2.8	21

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145	Missing data was handled inconsistently in UK prediction models: a review of method used. Journal of Clinical Epidemiology, 2021, 140, 149-158.	5.0	21
146	A model of British in-hospital mortality among burns patients. Burns, 2014, 40, 1316-1321.	1.9	20
147	Enhanced lateral flow testing strategies in care homes are associated with poor adherence and were insufficient to prevent COVID-19 outbreaks: results from a mixed methods implementation study. Age and Ageing, 2021, 50, 1868-1875.	1.6	20
148	Elements of a computational infrastructure for social simulation. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2010, 368, 3797-3812.	3.4	19
149	Developing a network for small animal disease surveillance. Veterinary Record, 2010, 167, 472-474.	0.3	17
150	Calculating when elective abdominal aortic aneurysm repair improves survival for individual patients: development of the Aneurysm Repair Decision Aid and economic evaluation. Health Technology Assessment, 2015, 19, 1-154.	2.8	17
151	Pride and prejudice – What can we learn from peer review?. Medical Teacher, 2020, 42, 1012-1018.	1.8	16
152	Clinical prediction models to predict the risk of multiple binary outcomes: a comparison of approaches. Statistics in Medicine, 2021, 40, 498-517.	1.6	16
153	Who Self-Weighs and What Do They Gain From It? A Retrospective Comparison Between Smart Scale Users and the General Population in England. Journal of Medical Internet Research, 2016, 18, e17.	4.3	16
154	Mining characteristics of epidemiological studies from Medline: a case study in obesity. Journal of Biomedical Semantics, 2014, 5, 22.	1.6	15
155	Relative Survival After Transcatheter Aortic Valve Implantation: How Do Patients Undergoing Transcatheter Aortic Valve Implantation Fare Relative to the General Population?. Journal of the American Heart Association, 2017, 6, .	3.7	15
156	Executive summary: It's wrong not to test: The case for universal, frequent rapid COVID-19 testing. EClinicalMedicine, 2021, 33, 100759.	7.1	15
157	Lack of association between schizophrenia and the CYP2D6 gene polymorphisms. American Journal of Medical Genetics Part A, 1996, 67, 236-237.	2.4	14
158	Why have sustained increases in obesity and type 2 diabetes not offset declines in cardiovascular mortality over recent decades in Western countries?. Nutrition, Metabolism and Cardiovascular Diseases, 2012, 22, 307-311.	2.6	14
159	Understanding clinical prediction models as “innovations”: a mixed methods study in UK family practice. BMC Medical Informatics and Decision Making, 2016, 16, 106.	3.0	14
160	Could expanding the covid-19 case definition improve the UK's pandemic response?. BMJ, The, 2021, 374, n1625.	6.0	14
161	SARS-CoV-2 antigen testing: weighing the false positives against the costs of failing to control transmission. Lancet Respiratory Medicine, the, 2021, 9, 685-687.	10.7	14
162	Prioritising between direct observation of therapy and case-finding interventions for tuberculosis: use of population impact measures. BMC Medicine, 2006, 4, 35.	5.5	13

#	ARTICLE	IF	CITATIONS
163	Measuring children and monitoring obesity: surveys of English Primary Care Trusts 2004â€“06. Journal of Public Health, 2006, 28, 330-336.	1.8	13
164	IMPACT: A Generic Tool for Modelling and Simulating Public Health Policy. Methods of Information in Medicine, 2011, 50, 454-463.	1.2	13
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