

# Iain E Buchan

## List of Publications by Year in descending order

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Version: 2024-02-01

261  
papers

17,756  
citations

16791

66  
h-index

18944

123  
g-index

278  
all docs

278  
docs citations

278  
times ranked

30611  
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.	3.8	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.	3.0	779
3	Adherence to Antiretroviral Therapy in Sub-Saharan Africa and North America. JAMA - Journal of the American Medical Association, 2006, 296, 679.	3.8	748
4	Regression based quasi-experimental approach when randomisation is not an option: interrupted time series analysis. BMJ, The, 2015, 350, h2750-h2750.	3.0	689
5	Adherence to HAART: A Systematic Review of Developed and Developing Nation Patient-Reported Barriers and Facilitators. PLoS Medicine, 2006, 3, e438.	3.9	623
6	Smoking and age-related macular degeneration: a review of association. Eye, 2005, 19, 935-944.	1.1	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.	4.3	387
9	Beyond Atopy. American Journal of Respiratory and Critical Care Medicine, 2010, 181, 1200-1206.	2.5	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.	1.0	304
11	Why linked data is not enough for scientists. Future Generation Computer Systems, 2013, 29, 599-611.	4.9	230
12	Incident cancer burden attributable to excess body mass index in 30 European countries. International Journal of Cancer, 2010, 126, 692-702.	2.3	227
13	Developmental Profiles of Eczema, Wheeze, and Rhinitis: Two Population-Based Birth Cohort Studies. PLoS Medicine, 2014, 11, e1001748.	3.9	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.	2.9	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.	5.2	208
16	Diabetes and cancer (1): evaluating the temporal relationship between type 2 diabetes and cancer incidence. Diabetologia, 2012, 55, 1607-1618.	2.9	191
17	The feasibility and validity of ambulatory self-report of psychotic symptoms using a smartphone software application. BMC Psychiatry, 2012, 12, 172.	1.1	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.	5.2	161

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19	Actissist: Proof-of-Concept Trial of a Theory-Driven Digital Intervention for Psychosis. <i>Schizophrenia Bulletin</i> , 2018, 44, 1070-1080.	2.3	160
20	Trajectories of Lung Function during Childhood. <i>American Journal of Respiratory and Critical Care Medicine</i> , 2014, 189, 1101-1109.	2.5	153
21	The comorbidity burden of type 2 diabetes mellitus: patterns, clusters and predictions from a large English primary care cohort. <i>BMC Medicine</i> , 2019, 17, 145.	2.3	151
22	Put to the test: use of rapid testing technologies for covid-19. <i>BMJ, The</i> , 2021, 372, n208.	3.0	150
23	Framework to construct and interpret latent class trajectory modelling. <i>BMJ Open</i> , 2018, 8, e020683.	0.8	149
24	Causal inference and counterfactual prediction in machine learning for actionable healthcare. <i>Nature Machine Intelligence</i> , 2020, 2, 369-375.	8.3	147
25	Contralateral mastectomy improves survival in women with BRCA1/2-associated breast cancer. <i>Breast Cancer Research and Treatment</i> , 2013, 140, 135-142.	1.1	144
26	Clarifying the evidence on SARS-CoV-2 antigen rapid tests in public health responses to COVID-19. <i>Lancet, The</i> , 2021, 397, 1425-1427.	6.3	143
27	Pioglitazone and bladder cancer risk: a multipopulation pooled, cumulative exposure analysis. <i>Diabetologia</i> , 2015, 58, 493-504.	2.9	140
28	The Role of Social Network Technologies in Online Health Promotion: A Narrative Review of Theoretical and Empirical Factors Influencing Intervention Effectiveness. <i>Journal of Medical Internet Research</i> , 2015, 17, e141.	2.1	134
29	Contributions of treatment and lifestyle to declining CVD mortality: why have CVD mortality rates declined so much since the 1960s?. <i>Heart</i> , 2013, 99, 159-162.	1.2	130
30	Clinical prediction in defined populations: a simulation study investigating when and how to aggregate existing models. <i>BMC Medical Research Methodology</i> , 2017, 17, 1.	1.4	130
31	Evolution pathways of IgE responses to grass and mite allergens throughout childhood. <i>Journal of Allergy and Clinical Immunology</i> , 2015, 136, 1645-1652.e8.	1.5	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. <i>Journal of Medical Internet Research</i> , 2013, 15, e60.	2.1	128
33	Universal weekly testing as the UK COVID-19 lockdown exit strategy. <i>Lancet, The</i> , 2020, 395, 1420-1421.	6.3	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. <i>European Journal of Cardio-thoracic Surgery</i> , 2013, 43, 1146-1152.	0.6	123
35	Life Expectancy and Cause-Specific Mortality in Type 2 Diabetes: A Population-Based Cohort Study Quantifying Relationships in Ethnic Subgroups. <i>Diabetes Care</i> , 2017, 40, 338-345.	4.3	121
36	Diabetes and cancer (2): evaluating the impact of diabetes on mortality in patients with cancer. <i>Diabetologia</i> , 2012, 55, 1619-1632.	2.9	109

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37	Research Objects: Towards Exchange and Reuse of Digital Knowledge. <i>Nature Precedings</i> , 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. <i>Cancer Prevention Research</i> , 2012, 5, 943-951.	0.7	104
39	Outcome-sensitive multiple imputation: a simulation study. <i>BMC Medical Research Methodology</i> , 2017, 17, 2.	1.4	103
40	Collider Bias Is Only a Partial Explanation for the Obesity Paradox. <i>Epidemiology</i> , 2016, 27, 525-530.	1.2	98
41	Access and Non-Access Site Bleeding After Percutaneous Coronary Intervention and Risk of Subsequent Mortality and Major Adverse Cardiovascular Events. <i>Circulation: Cardiovascular Interventions</i> , 2015, 8, .	1.4	95
42	A review of the international Burn Injury Database (iBID) for England and Wales: descriptive analysis of burn injuries 2003-2011. <i>BMJ Open</i> , 2015, 5, e006184-e006184.	0.8	94
43	Prolonged PR interval, first-degree heart block and adverse cardiovascular outcomes: a systematic review and meta-analysis. <i>Heart</i> , 2016, 102, 672-680.	1.2	93
44	Cardiorespiratory fitness and body mass index of 9-11-year-old English children: a serial cross-sectional study from 1998 to 2004. <i>International Journal of Obesity</i> , 2007, 31, 1172-1178.	1.6	92
45	A review of statistical updating methods for clinical prediction models. <i>Statistical Methods in Medical Research</i> , 2018, 27, 185-197.	0.7	91
46	Active Assistance Technology for Health-Related Behavior Change: An Interdisciplinary Review. <i>Journal of Medical Internet Research</i> , 2012, 14, e80.	2.1	91
47	How does EuroSCORE II perform in UK cardiac surgery; an analysis of 23,740 patients from the Society for Cardiothoracic Surgery in Great Britain and Ireland National Database. <i>Heart</i> , 2012, 98, 1568-1572.	1.2	88
48	Trustworthy reuse of health data: A transnational perspective. <i>International Journal of Medical Informatics</i> , 2013, 82, 1-9.	1.6	87
49	Demographics of dogs, cats, and rabbits attending veterinary practices in Great Britain as recorded in their electronic health records. <i>BMC Veterinary Research</i> , 2017, 13, 218.	0.7	87
50	Comparing data mining methods with logistic regression in childhood obesity prediction. <i>Information Systems Frontiers</i> , 2009, 11, 449-460.	4.1	85
51	Adoption of Clinical Decision Support in Multimorbidity: A Systematic Review. <i>JMIR Medical Informatics</i> , 2015, 3, e4.	1.3	85
52	Troponin-only Manchester Acute Coronary Syndromes (T-MACS) decision aid: single biomarker re-derivation and external validation in three cohorts. <i>Emergency Medicine Journal</i> , 2017, 34, 349-356.	0.4	84
53	Assessing life-space mobility for a more holistic view on wellbeing in geriatric research and clinical practice. <i>Aging Clinical and Experimental Research</i> , 2019, 31, 439-445.	1.4	84
54	Trends in mortality from 1965 to 2008 across the English north-south divide: comparative observational study. <i>BMJ: British Medical Journal</i> , 2011, 342, d508-d508.	2.4	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.	3.0	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.	1.2	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.	1.5	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.	1.4	74
60	Big health data: the need to earn public trust. <i>BMJ, The</i> , 2016, 354, i3636.	3.0	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.	2.9	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.	3.1	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.	1.0	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.	0.5	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.	1.2	68
67	Estrogen and COVID-19 symptoms: Associations in women from the COVID Symptom Study. <i>PLoS ONE</i> , 2021, 16, e0257051.	1.1	68
68	Caudal epidurals: the whoosh test. <i>Anaesthesia</i> , 1998, 53, 305-307.	1.8	67
69	Electronic Health Records Should Support Clinical Research. <i>Journal of Medical Internet Research</i> , 2005, 7, e4.	2.1	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.	1.6	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.	2.9	66
72	Effect of delaying treatment of first-episode psychosis on symptoms and social outcomes: a longitudinal analysis and modelling study. <i>Lancet Psychiatry</i> , 2020, 7, 602-610.	3.7	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.	3.0	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.	1.0	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.	2.0	65
76	Predicting mortality from change-over-time in the Charlson Comorbidity Index. <i>Medicine (United States)</i> , 2021, 100, e21212.	0.4	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.	1.1	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.	0.8	58
79	Disaggregating asthma: Big investigation versus big data. <i>Journal of Allergy and Clinical Immunology</i> , 2017, 139, 400-407.	1.5	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, .	1.6	57
81	Alterations in prescribing by general practitioner fundholders: an observational study. <i>BMJ: British Medical Journal</i> , 1995, 311, 1347-1350.	2.4	57
82	The Study Team for Early Life Asthma Research (STELAR) consortium â€”Asthma e-labâ€™™: team science bringing data, methods and investigators together. <i>Thorax</i> , 2015, 70, 799-801.	2.7	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</i> , 2021, 6, 100107.	3.0	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.	4.3	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.	1.2	54
87	Mortality risk prediction in burn injury: Comparison of logistic regression with machine learning approaches. <i>Burns</i> , 2015, 41, 925-934.	1.1	54
88	North-South disparities in English mortality1965â€™2015: longitudinal population study. <i>Journal of Epidemiology and Community Health</i> , 2017, 71, 928-936.	2.0	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.	2.2	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.	0.7	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.	1.0	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.	2.9	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.	1.1	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.	0.7	49
96	Cardiovascular screening to reduce the burden from cardiovascular disease: microsimulation study to quantify policy options. <i>BMJ</i> , The, 2016, 353, i2793.	3.0	49
97	Impact of specialist care on clinical outcomes for medical emergencies. <i>Clinical Medicine</i> , 2006, 6, 286-293.	0.8	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.	2.9	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.	0.8	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.	2.5	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.	1.6	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.	2.0	44
104	Communicating risks at the population level: application of population impact numbers. <i>BMJ: British Medical Journal</i> , 2003, 327, 1162-1165.	2.4	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.	1.2	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.	0.8	42
107	Dynamic Prediction Modeling Approaches for Cardiac Surgery. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2013, 6, 649-658.	0.9	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 <sub>NCD</sub> microsimulation study. <i>BMJ Open</i> , 2017, 7, e013791.	0.8	40
110	Performance of the EuroSCORE Models in Emergency Cardiac Surgery. <i>Circulation: Cardiovascular Quality and Outcomes</i> , 2013, 6, 178-185.	0.9	39
111	Predicting phenotypes of asthma and eczema with machine learning. <i>BMC Medical Genomics</i> , 2014, 7, S7.	0.7	39
112	Clinical code set engineering for reusing EHR data for research: A review. <i>Journal of Biomedical Informatics</i> , 2017, 70, 1-13.	2.5	39
113	Using mobile technology to deliver a cognitive behaviour therapy-informed intervention in early psychosis (Actissist): study protocol for a randomised controlled trial. <i>Trials</i> , 2015, 16, 404.	0.7	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. <i>Cancer Prevention Research</i> , 2014, 7, 993-1001.	0.7	37
116	Pre-implantation Balloon Aortic Valvuloplasty and Clinical Outcomes Following Transcatheter Aortic Valve Implantation: A Propensity Score Analysis of the UK Registry. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	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. <i>BMJ Open</i> , 2013, 3, e003190.	0.8	35
118	Presentation of laboratory test results in patient portals: influence of interface design on risk interpretation and visual search behaviour. <i>BMC Medical Informatics and Decision Making</i> , 2018, 18, 11.	1.5	35
119	Using marginal structural models to adjust for treatment drop-out when developing clinical prediction models. <i>Statistics in Medicine</i> , 2018, 37, 4142-4154.	0.8	34
120	Requirements Engineering for E-science: Experiences in Epidemiology. <i>IEEE Software</i> , 2009, 26, 80-87.	2.1	33
121	Rapid roll out of SARS-CoV-2 antibody testing—a concern. <i>BMJ</i> , The, 2020, 369, m2420.	3.0	33
122	Prevention of breast cancer in the context of a national breast screening programme. <i>Journal of Internal Medicine</i> , 2012, 271, 321-330.	2.7	31
123	Primary Care Medication Safety Surveillance with Integrated Primary and Secondary Care Electronic Health Records: A Cross-Sectional Study. <i>Drug Safety</i> , 2015, 38, 671-682.	1.4	31
124	Novel United Kingdom prognostic model for 30-day mortality following transcatheter aortic valve implantation. <i>Heart</i> , 2018, 104, 1109-1116.	1.2	31
125	National Registry Data and Record Linkage to Inform Postmarket Surveillance of Prosthetic Aortic Valve Models Over 15 Years. <i>JAMA Internal Medicine</i> , 2017, 177, 79.	2.6	30
126	Asthma phenotypes in childhood. <i>Expert Review of Clinical Immunology</i> , 2017, 13, 705-713.	1.3	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.	3.0	29
128	Atopic Dermatitis and Respiratory Allergy: What is the Link. <i>Current Dermatology Reports</i> , 2015, 4, 221-227.	1.1	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.	1.6	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.	1.1	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.	4.7	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.	2.7	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.	1.5	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.	0.8	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.	1.6	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.	2.3	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.	3.1	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.	2.7	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.	1.5	23
140	Is There a Relationship of Operator and Center Volume With Access Site-Related Outcomes?. <i>Circulation: Cardiovascular Interventions</i> , 2016, 9, e003333.	1.4	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.	2.5	23
142	Rapid antigen testing in COVID-19 responses. <i>Science</i> , 2021, 372, 571-572.	6.0	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.	1.6	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.	1.2	21

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145	Missing data was handled inconsistently in UK prediction models: a review of method used. <i>Journal of Clinical Epidemiology</i> , 2021, 140, 149-158.	2.4	21
146	A model of British in-hospital mortality among burns patients. <i>Burns</i> , 2014, 40, 1316-1321.	1.1	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. <i>Age and Ageing</i> , 2021, 50, 1868-1875.	0.7	20
148	Elements of a computational infrastructure for social simulation. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2010, 368, 3797-3812.	1.6	19
149	Developing a network for small animal disease surveillance. <i>Veterinary Record</i> , 2010, 167, 472-474.	0.2	17
150	Calculating when elective abdominal aortic aneurysm repair improves survival for individual patients: development of the Aneurysm Repair Decision Aid and economic evaluation. <i>Health Technology Assessment</i> , 2015, 19, 1-154.	1.3	17
151	Pride and prejudice – What can we learn from peer review?. <i>Medical Teacher</i> , 2020, 42, 1012-1018.	1.0	16
152	Clinical prediction models to predict the risk of multiple binary outcomes: a comparison of approaches. <i>Statistics in Medicine</i> , 2021, 40, 498-517.	0.8	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. <i>Journal of Medical Internet Research</i> , 2016, 18, e17.	2.1	16
154	Mining characteristics of epidemiological studies from Medline: a case study in obesity. <i>Journal of Biomedical Semantics</i> , 2014, 5, 22.	0.9	15
155	Relative Survival After Transcatheter Aortic Valve Implantation: How Do Patients Undergoing Transcatheter Aortic Valve Implantation Fare Relative to the General Population?. <i>Journal of the American Heart Association</i> , 2017, 6, .	1.6	15
156	Executive summary: It's wrong not to test: The case for universal, frequent rapid COVID-19 testing. <i>EClinicalMedicine</i> , 2021, 33, 100759.	3.2	15
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