

# Iain E Buchan

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

247  
papers

12,497  
citations

56  
h-index

106  
g-index

278  
ext. papers

15,416  
ext. citations

6.5  
avg, IF

6.52  
L-index

#	Paper	IF	Citations
247	Effectiveness of the BNT162b2 (Pfizer-BioNTech) and the ChAdOx1 nCoV-19 (Oxford-AstraZeneca) vaccines for reducing susceptibility to infection with the Delta variant (B.1.617.2) of SARS-CoV-2.. <i>BMC Infectious Diseases</i> , <b>2022</b> , 22, 270	4	0
246	Evaluating the impacts of tiered restrictions introduced in England, during October and December 2020 on COVID-19 cases: a synthetic control study.. <i>BMJ Open</i> , <b>2022</b> , 12, e054101	3	0
245	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> , <b>2021</b> , 13, 935-940	5.9	11
244	An intervention to support adherence to inhaled medication in adults with cystic fibrosis: the ACTiF research programme including RCT. <i>Programme Grants for Applied Research</i> , <b>2021</b> , 9, 1-146	1.5	4
243	Authors' reply to Sabour and Ghajari "Clinical prediction models to predict the risk of multiple binary outcomes: Methodological issues". <i>Statistics in Medicine</i> , <b>2021</b> , 40, 1861-1862	2.3	
242	Executive summary: It's wrong not to test: The case for universal, frequent rapid COVID-19 testing. <i>EClinicalMedicine</i> , <b>2021</b> , 33, 100759	11.3	6
241	Clarifying the evidence on SARS-CoV-2 antigen rapid tests in public health responses to COVID-19. <i>Lancet, The</i> , <b>2021</b> , 397, 1425-1427	40	72
240	Development and validation of the ISARIC 4C Deterioration model for adults hospitalised with COVID-19: a prospective cohort study. <i>Lancet Respiratory Medicine,the</i> , <b>2021</b> , 9, 349-359	35.1	70
239	Rapid antigen testing in COVID-19 responses. <i>Science</i> , <b>2021</b> , 372, 571-572	33.3	5
238	COVID-19 point-of-care testing in care homes: what are the lessons for policy and practice?. <i>Age and Ageing</i> , <b>2021</b> , 50, 1442-1444	3	6
237	Open Life Data to support healthy longevity for all. <i>The Lancet Healthy Longevity</i> , <b>2021</b> , 2, e238-e239	9.5	0
236	Could expanding the covid-19 case definition improve the UK's pandemic response?. <i>BMJ, The</i> , <b>2021</b> , 374, n1625	5.9	8
235	SARS-CoV-2 antigen testing: weighing the false positives against the costs of failing to control transmission. <i>Lancet Respiratory Medicine,the</i> , <b>2021</b> , 9, 685-687	35.1	1
234	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> , <b>2021</b> , 50, 1868-1875	3	9
233	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> , <b>2021</b> , 374, n1637	5.9	28
232	Clinical prediction models to predict the risk of multiple binary outcomes: a comparison of approaches. <i>Statistics in Medicine</i> , <b>2021</b> , 40, 498-517	2.3	5
231	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> , <b>2021</b> , 75, 729-734	5.1	28

230	Put to the test: use of rapid testing technologies for covid-19. <i>BMJ, The</i> , <b>2021</b> , 372, n208	5.9	76
229	Prospective observational study of SARS-CoV-2 infection, transmission and immunity in a cohort of households in Liverpool City Region, UK (COVID-LIV): a study protocol. <i>BMJ Open</i> , <b>2021</b> , 11, e048317	3	1
228	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> , <b>2021</b> , 6, 100107		11
227	Tobacco Control Policy Simulation Models: Protocol for a Systematic Methodological Review. <i>JMIR Research Protocols</i> , <b>2021</b> , 10, e26854	2	0
226	Investigation of SARS-CoV-2 faecal shedding in the community: a prospective household cohort study (COVID-LIV) in the UK. <i>BMC Infectious Diseases</i> , <b>2021</b> , 21, 784	4	4
225	Missing data was handled inconsistently in UK prediction models: a review of method used. <i>Journal of Clinical Epidemiology</i> , <b>2021</b> , 140, 149-158	5.7	2
224	Self-management intervention to reduce pulmonary exacerbations by supporting treatment adherence in adults with cystic fibrosis: a randomised controlled trial. <i>Thorax</i> , <b>2021</b> ,	7.3	6
223	Estrogen and COVID-19 symptoms: Associations in women from the COVID Symptom Study. <i>PLoS ONE</i> , <b>2021</b> , 16, e0257051	3.7	14
222	Development and Validation of a Nonremission Risk Prediction Model in First-Episode Psychosis: An Analysis of 2 Longitudinal Studies. <i>Schizophrenia Bulletin Open</i> , <b>2021</b> , 2, sgab041	2.2	2
221	Prospective validation of the 4C prognostic models for adults hospitalised with COVID-19 using the ISARIC WHO Clinical Characterisation Protocol. <i>Thorax</i> , <b>2021</b> ,	7.3	4
220	Development and validation of the Diabetes Severity SCOrE (DISSCO) in 139 626 individuals with type 2 diabetes: a retrospective cohort study. <i>BMJ Open Diabetes Research and Care</i> , <b>2020</b> , 8,	4.5	2
219	Effect of delaying treatment of first-episode psychosis on symptoms and social outcomes: a longitudinal analysis and modelling study. <i>Lancet Psychiatry, the</i> , <b>2020</b> , 7, 602-610	23.3	25
218	Pride and prejudice - What can we learn from peer review?. <i>Medical Teacher</i> , <b>2020</b> , 42, 1012-1018	3	5
217	Rapid roll out of SARS-CoV-2 antibody testing-a concern. <i>BMJ, The</i> , <b>2020</b> , 369, m2420	5.9	28
216	Using imaging to combat a pandemic: rationale for developing the UK National COVID-19 Chest Imaging Database. <i>European Respiratory Journal</i> , <b>2020</b> , 56,	13.6	9
215	Universal weekly testing as the UK COVID-19 lockdown exit strategy. <i>Lancet, The</i> , <b>2020</b> , 395, 1420-1421	40	98
214	A national initiative in data science for health: an evaluation of the UK Farr Institute. <i>International Journal of Population Data Science</i> , <b>2020</b> , 5, 1128	1.4	3
213	Age-, sex- and ethnicity-related differences in body weight, blood pressure, HbA and lipid levels at the diagnosis of type 2 diabetes relative to people without diabetes. <i>Diabetologia</i> , <b>2020</b> , 63, 1542-1553	10.3	17

212	Causal inference and counterfactual prediction in machine learning for actionable healthcare. <i>Nature Machine Intelligence</i> , <b>2020</b> , 2, 369-375	22.5	44
211	Risk Factor Control and Cardiovascular Event Risk in People With Type 2 Diabetes in Primary and Secondary Prevention Settings. <i>Circulation</i> , <b>2020</b> , 142, 1925-1936	16.7	16
210	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. <i>BMJ, The</i> , <b>2020</b> , 370, m3339	5.9	378
209	Statistical thinking, machine learning. <i>Journal of Clinical Epidemiology</i> , <b>2019</b> , 116, 136-137	5.7	5
208	Cardiovascular Risk and Risk Factor Management in Type 2 Diabetes Mellitus. <i>Circulation</i> , <b>2019</b> , 139, 2742-2753	27.5	42
207	Post-2000 growth trajectories in children aged 4-11 years: A review and quantitative analysis. <i>Preventive Medicine Reports</i> , <b>2019</b> , 14, 100834	2.6	6
206	Assessing life-space mobility for a more holistic view on wellbeing in geriatric research and clinical practice. <i>Aging Clinical and Experimental Research</i> , <b>2019</b> , 31, 439-445	4.8	37
205	The comorbidity burden of type 2 diabetes mellitus: patterns, clusters and predictions from a large English primary care cohort. <i>BMC Medicine</i> , <b>2019</b> , 17, 145	11.4	65
204	Raiders of the lost HARK: a reproducible inference framework for big data science. <i>Palgrave Communications</i> , <b>2019</b> , 5,	5.3	1
203	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. <i>Lancet Respiratory Medicine, the</i> , <b>2018</b> , 6, 526-534	35.1	113
202	Novel United Kingdom prognostic model for 30-day mortality following transcatheter aortic valve implantation. <i>Heart</i> , <b>2018</b> , 104, 1109-1116	5.1	23
201	A multiple-model generalisation of updating clinical prediction models. <i>Statistics in Medicine</i> , <b>2018</b> , 37, 1343-1358	2.3	11
200	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> , <b>2018</b> , 72, 140-147	5.1	26
199	The influence of patient portals on users' decision making is insufficiently investigated: A systematic methodological review. <i>International Journal of Medical Informatics</i> , <b>2018</b> , 111, 100-111	5.3	12
198	Increasing socioeconomic gap between the young and old: temporal trends in health and overall deprivation in England by age, sex, urbanity and ethnicity, 2004-2015. <i>Journal of Epidemiology and Community Health</i> , <b>2018</b> , 72, 636-644	5.1	3
197	Data-driven identification of endophenotypes of Alzheimer's disease progression: implications for clinical trials and therapeutic interventions. <i>Alzheimer's Research and Therapy</i> , <b>2018</b> , 10, 4	9	20
196	Actissist: Proof-of-Concept Trial of a Theory-Driven Digital Intervention for Psychosis. <i>Schizophrenia Bulletin</i> , <b>2018</b> , 44, 1070-1080	1.3	85
195	A review of statistical updating methods for clinical prediction models. <i>Statistical Methods in Medical Research</i> , <b>2018</b> , 27, 185-197	2.3	54

194	Investigating heterogeneity of effects and associations using interaction terms. <i>Journal of Clinical Epidemiology</i> , <b>2018</b> , 93, 79-83	5.7	3
193	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> , <b>2018</b> , 8, e022543	3	22
192	Framework to construct and interpret latent class trajectory modelling. <i>BMJ Open</i> , <b>2018</b> , 8, e020683	3	52
191	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> , <b>2018</b> , 18, 11	3.6	16
190	Using marginal structural models to adjust for treatment drop-in when developing clinical prediction models. <i>Statistics in Medicine</i> , <b>2018</b> , 37, 4142-4154	2.3	23
189	Improving care for older people with long-term conditions and social care needs in Salford: the CLASSIC mixed-methods study, including RCT. <i>Health Services and Delivery Research</i> , <b>2018</b> , 6, 1-188	1.5	3
188	Multi-method laboratory user evaluation of an actionable clinical performance information system: Implications for usability and patient safety. <i>Journal of Biomedical Informatics</i> , <b>2018</b> , 77, 62-80	10.2	14
187	Disparities in mortality among 25-44-year-olds in England: a longitudinal, population-based study. <i>Lancet Public Health</i> , <b>2018</b> , 3, e567-e575	22.4	17
186	Inadequacy of existing clinical prediction models for predicting mortality after transcatheter aortic valve implantation. <i>American Heart Journal</i> , <b>2017</b> , 184, 97-105	4.9	30
185	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> , <b>2017</b> , 6,	6	28
184	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> , <b>2017</b> , 34, 349-356	1.5	59
183	Estimated reductions in cardiovascular and gastric cancer disease burden through salt policies in England: an IMPACTNCD microsimulation study. <i>BMJ Open</i> , <b>2017</b> , 7, e013791	3	22
182	Do patients have worse outcomes in heart failure than in cancer? A primary care-based cohort study with 10-year follow-up in Scotland. <i>European Journal of Heart Failure</i> , <b>2017</b> , 19, 1095-1104	12.3	119
181	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> , <b>2017</b> , 5, e000369	4.5	14
180	Life Expectancy and Cause-Specific Mortality in Type 2 Diabetes: A Population-Based Cohort Study Quantifying Relationships in Ethnic Subgroups. <i>Diabetes Care</i> , <b>2017</b> , 40, 338-345	14.6	71
179	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> , <b>2017</b> , 6,	6	10
178	Demographics of dogs, cats, and rabbits attending veterinary practices in Great Britain as recorded in their electronic health records. <i>BMC Veterinary Research</i> , <b>2017</b> , 13, 218	2.7	56
177	North-South disparities in English mortality 1965-2015: longitudinal population study. <i>Journal of Epidemiology and Community Health</i> , <b>2017</b> , 71, 928-936	5.1	38

176	The Authors Respond. <i>Epidemiology</i> , <b>2017</b> , 28, e46	3.1	1
175	The Authors Respond. <i>Epidemiology</i> , <b>2017</b> , 28, e17-e18	3.1	
174	Clinical prediction in defined populations: a simulation study investigating when and how to aggregate existing models. <i>BMC Medical Research Methodology</i> , <b>2017</b> , 17, 1	4.7	73
173	Outcome-sensitive multiple imputation: a simulation study. <i>BMC Medical Research Methodology</i> , <b>2017</b> , 17, 2	4.7	57
172	National Registry Data and Record Linkage to Inform Postmarket Surveillance of Prosthetic Aortic Valve Models Over 15 Years. <i>JAMA Internal Medicine</i> , <b>2017</b> , 177, 79-86	11.5	20
171	Asthma phenotypes in childhood. <i>Expert Review of Clinical Immunology</i> , <b>2017</b> , 13, 705-713	5.1	21
170	Disaggregating asthma: Big investigation versus big data. <i>Journal of Allergy and Clinical Immunology</i> , <b>2017</b> , 139, 400-407	11.5	46
169	Clinical code set engineering for reusing EHR data for research: A review. <i>Journal of Biomedical Informatics</i> , <b>2017</b> , 70, 1-13	10.2	29
168	Towards an Open Infrastructure for Relating Scholarly Assets. <i>Studies in Health Technology and Informatics</i> , <b>2017</b> , 235, 491-495	0.5	
167	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> , <b>2016</b> , 5,	6	36
166	Kin of coauthorship in five decades of health science literature. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2016</b> , 113, 8957-62	11.5	7
165	Big health data: the need to earn public trust. <i>BMJ, The</i> , <b>2016</b> , 354, i3636	5.9	45
164	Cardiovascular screening to reduce the burden from cardiovascular disease: microsimulation study to quantify policy options. <i>BMJ, The</i> , <b>2016</b> , 353, i2793	5.9	34
163	47 Inadequacy of Existing Clinical Prediction Models for Predicting Mortality Post Transcatheter Aortic Valve Implantation. <i>Heart</i> , <b>2016</b> , 102, A34.1-A34	5.1	
162	Understanding clinical prediction models as 'innovations': a mixed methods study in UK family practice. <i>BMC Medical Informatics and Decision Making</i> , <b>2016</b> , 16, 106	3.6	7
161	Predicting mortality from change-over-time in the Charlson Comorbidity Index: A retrospective cohort study in a data-intensive UK health system. <i>Medicine (United States)</i> , <b>2016</b> , 95, e4973	1.8	36
160	Body mass index relates weight to height differently in women and older adults: serial cross-sectional surveys in England (1992-2011). <i>Journal of Public Health</i> , <b>2016</b> , 38, 607-613	3.5	33
159	Prolonged PR interval, first-degree heart block and adverse cardiovascular outcomes: a systematic review and meta-analysis. <i>Heart</i> , <b>2016</b> , 102, 672-80	5.1	63



158	Changes in Arterial Access Site and Association With Mortality in the United Kingdom: Observations From a National Percutaneous Coronary Intervention Database. <i>Circulation</i> , <b>2016</b> , 133, 1655-67	16.7	55
157	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> , <b>2016</b> , 18, e17	7.6	10
156	Natural Language Search Interfaces: Health Data Needs Single-Field Variable Search. <i>Journal of Medical Internet Research</i> , <b>2016</b> , 18, e13	7.6	2
155	107 The Prevalence, Predictors and Outcomes Associated with Anaemia Among Patients that Present with ACS: Insights from the UK MINAP Registry. <i>Heart</i> , <b>2016</b> , 102, A76-A76	5.1	
154	Predicting heart failure decompensation using cardiac implantable electronic devices: a review of practices and challenges. <i>European Journal of Heart Failure</i> , <b>2016</b> , 18, 977-86	12.3	35
153	A* fast and scalable high-throughput sequencing data error correction via oligomers <b>2016</b> ,		1
152	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> , <b>2016</b> , 14, 104	11.4	14
151	Breast cancer risk feedback to women in the UK NHS breast screening population. <i>British Journal of Cancer</i> , <b>2016</b> , 114, 1045-52	8.7	48
150	A contemporary risk model for predicting 30-day mortality following percutaneous coronary intervention in England and Wales. <i>International Journal of Cardiology</i> , <b>2016</b> , 210, 125-32	3.2	31
149	Is There a Relationship of Operator and Center Volume With Access Site-Related Outcomes? An Analysis From the British Cardiovascular Intervention Society. <i>Circulation: Cardiovascular Interventions</i> , <b>2016</b> , 9, e003333	6	15
148	Collider Bias Is Only a Partial Explanation for the Obesity Paradox. <i>Epidemiology</i> , <b>2016</b> , 27, 525-30	3.1	69
147	Interface design recommendations for computerised clinical audit and feedback: Hybrid usability evidence from a research-led system. <i>International Journal of Medical Informatics</i> , <b>2016</b> , 94, 191-206	5.3	17
146	Mortality risk prediction in burn injury: Comparison of logistic regression with machine learning approaches. <i>Burns</i> , <b>2015</b> , 41, 925-34	2.3	42
145	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> , <b>2015</b> , 116, 364-71	3	35
144	Primary Care Medication Safety Surveillance with Integrated Primary and Secondary Care Electronic Health Records: A Cross-Sectional Study. <i>Drug Safety</i> , <b>2015</b> , 38, 671-82	5.1	21
143	Authors' reply to Honeyford and colleagues and Roland. <i>BMJ, The</i> , <b>2015</b> , 350, h1681	5.9	
142	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> , <b>2015</b> , 36, 1618-28	9.5	50
141	Access and non-access site bleeding after percutaneous coronary intervention and risk of subsequent mortality and major adverse cardiovascular events: systematic review and meta-analysis. <i>Circulation: Cardiovascular Interventions</i> , <b>2015</b> , 8,	6	75

140	Patient outcomes vs. service workload: an analysis of outcomes in the burn service of England and Wales. <i>BMC Health Services Research</i> , <b>2015</b> , 15, 133	2.9	3
139	Atopic Dermatitis and Respiratory Allergy: What is the Link. <i>Current Dermatology Reports</i> , <b>2015</b> , 4, 221-227		17
138	The Study Team for Early Life Asthma Research (STELAR) consortium 'Asthma e-lab': team science bringing data, methods and investigators together. <i>Thorax</i> , <b>2015</b> , 70, 799-801	7.3	42
137	Regression based quasi-experimental approach when randomisation is not an option: interrupted time series analysis. <i>BMJ, The</i> , <b>2015</b> , 350, h2750	5.9	435
136	Evolution pathways of IgE responses to grass and mite allergens throughout childhood. <i>Journal of Allergy and Clinical Immunology</i> , <b>2015</b> , 136, 1645-1652.e8	11.5	99
135	Long-term Glycemic Variability and Risk of Adverse Outcomes: A Systematic Review and Meta-analysis. <i>Diabetes Care</i> , <b>2015</b> , 38, 2354-69	14.6	275
134	Pioglitazone and bladder cancer risk: a multipopulation pooled, cumulative exposure analysis. <i>Diabetologia</i> , <b>2015</b> , 58, 493-504	10.3	114
133	User Interface Requirements for Web-Based Integrated Care Pathways: Evidence from the Evaluation of an Online Care Pathway Investigation Tool. <i>Journal of Medical Systems</i> , <b>2015</b> , 39, 183	5.1	3
132	Cardiac Surgery Performance Monitoring <b>2015</b> , 49-81		
131	Impact of age on the prognostic value of left ventricular function in relation to procedural outcomes following percutaneous coronary intervention: insights from the British Cardiovascular Intervention Society. <i>Catheterization and Cardiovascular Interventions</i> , <b>2015</b> , 85, 944-51	2.7	7
130	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> , <b>2015</b> , 16, 404	2.8	28
129	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> , <b>2015</b> , 69, 928-37	2.9	29
128	Combining Health Data Uses to Ignite Health System Learning. <i>Methods of Information in Medicine</i> , <b>2015</b> , 54, 479-87	1.5	37
127	OP04 Quantifying the contribution of statins to the decline in population mean cholesterol by socioeconomic group in England 1991-2012: a modelling study. <i>Journal of Epidemiology and Community Health</i> , <b>2015</b> , 69, A10.1-A10	5.1	
126	OP10 Quantifying national policy options for equitable primary cardiovascular disease prevention in England up to 2025: a micro-simulation study. <i>Journal of Epidemiology and Community Health</i> , <b>2015</b> , 69, A13.1-A13	5.1	
125	Investigating the relationship between quality of primary care and premature mortality in England: a spatial whole-population study. <i>BMJ, The</i> , <b>2015</b> , 350, h904	5.9	63
124	A review of the international Burn Injury Database (iBID) for England and Wales: descriptive analysis of burn injuries 2003-2011. <i>BMJ Open</i> , <b>2015</b> , 5, e006184	3	69
123	Glucose, blood pressure and cholesterol levels and their relationships to clinical outcomes in type 2 diabetes: a retrospective cohort study. <i>Diabetologia</i> , <b>2015</b> , 58, 505-18	10.3	56



122	Quantifying the contribution of statins to the decline in population mean cholesterol by socioeconomic group in England 1991 - 2012: a modelling study. <i>PLoS ONE</i> , <b>2015</b> , 10, e0123112	3.7	8
121	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> , <b>2015</b> , 17, e141	7.6	91
120	Adoption of clinical decision support in multimorbidity: a systematic review. <i>JMIR Medical Informatics</i> , <b>2015</b> , 3, e4	3.6	57
119	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> , <b>2015</b> , 19, 1-154, v-vi	4.4	14
118	The Case for Conceptual and Computable Cross-Fertilization Between Audit and Feedback and Clinical Decision Support. <i>Studies in Health Technology and Informatics</i> , <b>2015</b> , 216, 419-23	0.5	7
117	A Two-stage Dynamic Model to Enable Updating of Clinical Risk Prediction from Longitudinal Health Record Data: Illustrated with Kidney Function. <i>Studies in Health Technology and Informatics</i> , <b>2015</b> , 216, 696-700	0.5	3
116	Challenges in interpreting allergen microarrays in relation to clinical symptoms: a machine learning approach. <i>Pediatric Allergy and Immunology</i> , <b>2014</b> , 25, 71-9	4.2	42
115	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> , <b>2014</b> , 64, 1554-64	15.1	63
114	Mining characteristics of epidemiological studies from Medline: a case study in obesity. <i>Journal of Biomedical Semantics</i> , <b>2014</b> , 5, 22	2.2	8
113	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> , <b>2014</b> , 38, 818-24	5.5	57
112	Predicting phenotypes of asthma and eczema with machine learning. <i>BMC Medical Genomics</i> , <b>2014</b> , 7 Suppl 1, S7	3.7	31
111	Trajectories of lung function during childhood. <i>American Journal of Respiratory and Critical Care Medicine</i> , <b>2014</b> , 189, 1101-9	10.2	123
110	A model of British in-hospital mortality among burns patients. <i>Burns</i> , <b>2014</b> , 40, 1316-21	2.3	17
109	OP71 Comparing coronary mortality reductions by shifting the population blood pressure distribution versus improved management of hypertensive patients: modelling study. <i>Journal of Epidemiology and Community Health</i> , <b>2014</b> , 68, A35.2-A36	5.1	
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5	Evaluating the impacts of tiered restrictions introduced in England, during October and December 2020 on COVID-19 cases: A synthetic control study		1
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