

Bruce Guthrie

List of Publications by Year in descending order

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Version: 2024-02-01

201
papers

16,537
citations

28736

57
h-index

20023

121
g-index

209
all docs

209
docs citations

209
times ranked

22473
citing authors

#	ARTICLE	IF	CITATIONS
1	Epidemiology of multimorbidity and implications for health care, research, and medical education: a cross-sectional study. <i>Lancet, The</i> , 2012, 380, 37-43.	6.3	4,855
2	Global, regional, and national estimates of the population at increased risk of severe COVID-19 due to underlying health conditions in 2020: a modelling study. <i>The Lancet Global Health</i> , 2020, 8, e1003-e1017.	2.9	760
3	The rising tide of polypharmacy and drug-drug interactions: population database analysis 1995–2010. <i>BMC Medicine</i> , 2015, 13, 74.	2.3	538
4	Managing patients with multimorbidity in primary care. <i>BMJ, The</i> , 2015, 350, h176-h176.	3.0	475
5	Adapting clinical guidelines to take account of multimorbidity. <i>BMJ, The</i> , 2012, 345, e6341-e6341.	3.0	400
6	Guidelines for people not for diseases: the challenges of applying UK clinical guidelines to people with multimorbidity. <i>Age and Ageing</i> , 2013, 42, 62-69.	0.7	377
7	Process evaluations for cluster-randomised trials of complex interventions: a proposed framework for design and reporting. <i>Trials</i> , 2013, 14, 15.	0.7	358
8	Methods for identifying 30 chronic conditions: application to administrative data. <i>BMC Medical Informatics and Decision Making</i> , 2016, 15, 31.	1.5	275
9	Multiple physical and mental health comorbidity in adults with intellectual disabilities: population-based cross-sectional analysis. <i>BMC Family Practice</i> , 2015, 16, 110.	2.9	254
10	Management of multimorbidity using a patient-centred care model: a pragmatic cluster-randomised trial of the 3D approach. <i>Lancet, The</i> , 2018, 392, 41-50.	6.3	254
11	Drug-disease and drug-drug interactions: systematic examination of recommendations in 12 UK national clinical guidelines. <i>BMJ, The</i> , 2015, 350, h949-h949.	3.0	247
12	The effect of physical multimorbidity, mental health conditions and socioeconomic deprivation on unplanned admissions to hospital: a retrospective cohort study. <i>Cmaj</i> , 2013, 185, E221-E228.	0.9	212
13	Multimorbidity. <i>Nature Reviews Disease Primers</i> , 2022, 8, .	18.1	212
14	Schizophrenia is associated with excess multiple physical-health comorbidities but low levels of recorded cardiovascular disease in primary care: cross-sectional study. <i>BMJ Open</i> , 2013, 3, e002808.	0.8	184
15	High risk prescribing in primary care patients particularly vulnerable to adverse drug events: cross sectional population database analysis in Scottish general practice. <i>BMJ: British Medical Journal</i> , 2011, 342, d3514-d3514.	2.4	179
16	Continuity of care matters. <i>BMJ: British Medical Journal</i> , 2008, 337, a867-a867.	2.4	171
17	Non-steroidal anti-inflammatory drug induced acute kidney injury in the community dwelling general population and people with chronic kidney disease: systematic review and meta-analysis. <i>BMC Nephrology</i> , 2017, 18, 256.	0.8	160
18	Combined use of nonsteroidal anti-inflammatory drugs with diuretics and/or renin-angiotensin system inhibitors in the community increases the risk of acute kidney injury. <i>Kidney International</i> , 2015, 88, 396-403.	2.6	158

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19	Evolution and effects of COVID-19 outbreaks in care homes: a population analysis in 189 care homes in one geographical region of the UK. <i>The Lancet Healthy Longevity</i> , 2020, 1, e21-e31.	2.0	158
20	The influence of socioeconomic deprivation on multimorbidity at different ages: a cross-sectional study. <i>British Journal of General Practice</i> , 2014, 64, e440-e447.	0.7	154
21	Visual impairment is associated with physical and mental comorbidities in older adults: a cross-sectional study. <i>BMC Medicine</i> , 2014, 12, 181.	2.3	153
22	Clinical assessment and management of multimorbidity: summary of NICE guidance. <i>BMJ, The</i> , 2016, 354, i4843.	3.0	151
23	Epidemiology and outcomes of people with dementia, delirium, and unspecified cognitive impairment in the general hospital: prospective cohort study of 10,014 admissions. <i>BMC Medicine</i> , 2017, 15, 140.	2.3	146
24	Comorbidity as a driver of adverse outcomes in people with chronic kidney disease. <i>Kidney International</i> , 2015, 88, 859-866.	2.6	143
25	An "endless struggle": a qualitative study of general practitioners' and practice nurses' experiences of managing multimorbidity in socio-economically deprived areas of Scotland. <i>Chronic Illness</i> , 2011, 7, 45-59.	0.6	138
26	Safer Prescribing " A Trial of Education, Informatics, and Financial Incentives. <i>New England Journal of Medicine</i> , 2016, 374, 1053-1064.	13.9	138
27	Hospitalised hip fracture risk with rosiglitazone and pioglitazone use compared with other glucose-lowering drugs. <i>Diabetologia</i> , 2012, 55, 2929-2937.	2.9	128
28	Stroke, multimorbidity and polypharmacy in a nationally representative sample of 1,424,378 patients in Scotland: implications for treatment burden. <i>BMC Medicine</i> , 2014, 12, 151.	2.3	124
29	Managing patients with mental and physical multimorbidity. <i>BMJ, The</i> , 2012, 345, e5559-e5559.	3.0	121
30	Examining variation in the measurement of multimorbidity in research: a systematic review of 566 studies. <i>Lancet Public Health, The</i> , 2021, 6, e587-e597.	4.7	116
31	Trends in primary care antidepressant prescribing 1995-2007: a longitudinal population database analysis. <i>British Journal of General Practice</i> , 2011, 61, e565-e572.	0.7	110
32	Multimorbidity in bipolar disorder and undertreatment of cardiovascular disease: a cross sectional study. <i>BMC Medicine</i> , 2013, 11, 263.	2.3	104
33	Comorbidity and polypharmacy in people with dementia: insights from a large, population-based cross-sectional analysis of primary care data. <i>Age and Ageing</i> , 2017, 46, 33-39.	0.7	104
34	Depression and Multimorbidity. <i>Journal of Clinical Psychiatry</i> , 2014, 75, 1202-1208.	1.1	103
35	External validity of randomized controlled trials of glycaemic control and vascular disease: how representative are participants?. <i>Diabetic Medicine</i> , 2013, 30, 300-308.	1.2	97
36	Multimorbidity and the inverse care law in primary care. <i>BMJ, The</i> , 2012, 344, e4152-e4152.	3.0	96

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37	Temporal trends in anticholinergic medication prescription in older people: repeated cross-sectional analysis of population prescribing data. <i>Age and Ageing</i> , 2014, 43, 515-521.	0.7	96
38	Quality and Outcomes Framework: what have we learnt?.. <i>BMJ</i> , The, 2016, 354, i4060.	3.0	95
39	Biomedicine, holism and general medical practice: responses to the 2004 General Practitioner contract. <i>Sociology of Health and Illness</i> , 2008, 30, 788-803.	1.1	94
40	The CARE Plus study â€“ a whole-system intervention to improve quality of life of primary care patients with multimorbidity in areas of high socioeconomic deprivation: exploratory cluster randomised controlled trial and cost-utility analysis. <i>BMC Medicine</i> , 2016, 14, 88.	2.3	92
41	Fair access to medicine? Retrospective analysis of UK medical schools application data 2009-2012 using three measures of socioeconomic status. <i>BMC Medical Education</i> , 2016, 16, 11.	1.0	91
42	The burden of psychotropic drug prescribing in people with dementia: a population database study. <i>Age and Ageing</i> , 2010, 39, 637-642.	0.7	90
43	Adverse Respiratory Effect of Acute Î²-Blocker Exposure in Asthma. <i>Chest</i> , 2014, 145, 779-786.	0.4	88
44	Quality of Care in the United Kingdom after Removal of Financial Incentives. <i>New England Journal of Medicine</i> , 2018, 379, 948-957.	13.9	87
45	Deprivation and quality of primary care services: evidence for persistence of the inverse care law from the UK Quality and Outcomes Framework. <i>Journal of Epidemiology and Community Health</i> , 2006, 60, 917-922.	2.0	82
46	Co-morbidity and polypharmacy in Parkinsonâ€™s disease: insights from a large Scottish primary care database. <i>BMC Neurology</i> , 2017, 17, 126.	0.8	80
47	General practice funding underpins the persistence of the inverse care law: cross-sectional study in Scotland. <i>British Journal of General Practice</i> , 2015, 65, e799-e805.	0.7	75
48	Personal continuity and access in UK general practice: a qualitative study of general practitioners' and patients' perceptions of when and how they matter. <i>BMC Family Practice</i> , 2006, 7, 11.	2.9	74
49	Double trouble: the impact of multimorbidity and deprivation on preference-weighted health related quality of life a cross sectional analysis of the Scottish Health Survey. <i>International Journal for Equity in Health</i> , 2013, 12, 67.	1.5	72
50	Indirect effects of the COVID-19 pandemic on paediatric healthcare use and severe disease: a retrospective national cohort study. <i>Archives of Disease in Childhood</i> , 2021, 106, 911-917.	1.0	71
51	Respiratory effect of beta-blockers in people with asthma and cardiovascular disease: population-based nested case control study. <i>BMC Medicine</i> , 2017, 15, 18.	2.3	67
52	Record rewards: the effects of targeted quality incentives on the recording of risk factors by primary care providers. <i>Health Economics (United Kingdom)</i> , 2010, 19, 1-13.	0.8	65
53	Safety risks for patients with aspirin-exacerbated respiratory disease after acute exposure to selective nonsteroidal anti-inflammatory drugs and COX-2 inhibitors: Meta-analysis of controlled clinical trials. <i>Journal of Allergy and Clinical Immunology</i> , 2014, 134, 40-45.e10.	1.5	64
54	Mortality in people with dementia, delirium, and unspecified cognitive impairment in the general hospital: prospective cohort study of 6,724 patients with 2 years follow-up. <i>Clinical Epidemiology</i> , 2018, Volume 10, 1743-1753.	1.5	62

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55	Tackling therapeutic inertia: role of treatment data in quality indicators. BMJ: British Medical Journal, 2007, 335, 542-544.	2.4	61
56	Controversy in primary care: Does continuity in general practice really matter? Commentary: A patient's perspective of continuity. BMJ: British Medical Journal, 2000, 321, 734-736.	2.4	59
57	Primary Medical Care in the United Kingdom. Journal of the American Board of Family Medicine, 2012, 25, S6-S11.	0.8	59
58	Exclusion rates in randomized controlled trials of treatments for physical conditions: a systematic review. Trials, 2020, 21, 228.	0.7	57
59	Workload and reward in the Quality and Outcomes Framework of the 2004 general practice contract. British Journal of General Practice, 2006, 56, 836-41.	0.7	53
60	Data feedback and behavioural change intervention to improve primary care prescribing safety (EFIPPS): multicentre, three arm, cluster randomised controlled trial. BMJ, The, 2016, 354, i4079.	3.0	52
61	Representation of people with comorbidity and multimorbidity in clinical trials of novel drug therapies: an individual-level participant data analysis. BMC Medicine, 2019, 17, 201.	2.3	52
62	Physical and mental health comorbidities of epilepsy: Population-based cross-sectional analysis of 1.5 million people in Scotland. Seizure: the Journal of the British Epilepsy Association, 2017, 45, 125-131.	0.9	51
63	Quality and safety of medication use in primary care: consensus validation of a new set of explicit medication assessment criteria and prioritisation of topics for improvement. BMC Clinical Pharmacology, 2012, 12, 5.	2.5	49
64	Multimorbidity, dementia and health care in older people:a population-based cohort study. CMAJ Open, 2017, 5, E623-E631.	1.1	48
65	Comorbidity in chronic kidney disease: a large cross-sectional study of prevalence in Scottish primary care. British Journal of General Practice, 2021, 71, e243-e249.	0.7	45
66	How Does Sex Influence Multimorbidity? Secondary Analysis of a Large Nationally Representative Dataset. International Journal of Environmental Research and Public Health, 2016, 13, 391.	1.2	43
67	Identifying which septic patients have increased mortality risk using severity scores: a cohort study. BMC Anesthesiology, 2014, 14, 1.	0.7	42
68	Respiratory effect of beta-blocker eye drops in asthma: population-based study and meta-analysis of clinical trials. British Journal of Clinical Pharmacology, 2016, 82, 814-822.	1.1	42
69	Multimorbidity combinations, costs of hospital care and potentially preventable emergency admissions in England: A cohort study. PLoS Medicine, 2021, 18, e1003514.	3.9	42
70	The "Everyday Work" of Living with Multimorbidity in Socioeconomically Deprived Areas of Scotland. Journal of Comorbidity, 2014, 4, 1-10.	3.9	41
71	Relation of severe COVID-19 to polypharmacy and prescribing of psychotropic drugs: the REACT-SCOT case-control study. BMC Medicine, 2021, 19, 51.	2.3	41
72	Variation in the estimated prevalence of multimorbidity: systematic review and meta-analysis of 193 international studies. BMJ Open, 2022, 12, e057017.	0.8	39

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73	The impact of payâ€forâ€performance on professional boundaries in UK general practice: an ethnographic study. <i>Sociology of Health and Illness</i> , 2009, 31, 229-245.	1.1	38
74	Which people with Type 2 diabetes achieve good control of intermediate outcomes? Population database study in a UK region. <i>Diabetic Medicine</i> , 2009, 26, 1269-1276.	1.2	38
75	A cluster randomised stepped wedge trial to evaluate the effectiveness of a multifaceted information technology-based intervention in reducing high-risk prescribing of non-steroidal anti-inflammatory drugs and antiplatelets in primary medical care: The DQIP study protocol. <i>Implementation Science</i> , 2012, 7, 24.	2.5	37
76	Differential Impact of Two Risk Communications on Antipsychotic Prescribing to People with Dementia in Scotland: Segmented Regression Time Series Analysis 2001â€2011. <i>PLoS ONE</i> , 2013, 8, e68976.	1.1	37
77	Professional values and reported behaviours of doctors in the USA and UK: quantitative survey. <i>BMJ Quality and Safety</i> , 2011, 20, 515-521.	1.8	36
78	Physical and mental health comorbidity is common in people with multiple sclerosis: nationally representative cross-sectional population database analysis. <i>BMC Neurology</i> , 2014, 14, 128.	0.8	36
79	Chronic obstructive pulmonary disease and comorbidities: a large cross-sectional study in primary care. <i>British Journal of General Practice</i> , 2017, 67, e321-e328.	0.7	35
80	The Foundations Framework for Developing and Reporting New Models of Care for Multimorbidity. <i>Annals of Family Medicine</i> , 2017, 15, 570-577.	0.9	33
81	Efficiency versus thoroughness in medication review: a qualitative interview study in UK primary care. <i>British Journal of General Practice</i> , 2019, 69, e190-e198.	0.7	33
82	Continuity in UK general practice: a multilevel model of patient, doctor and practice factors associated with patients seeing their usual doctor. <i>Family Practice</i> , 2002, 19, 496-499.	0.8	30
83	Impact of medicines regulatory risk communications in the UK on prescribing and clinical outcomes: Systematic review, time series analysis and metaâ€analysis. <i>British Journal of Clinical Pharmacology</i> , 2020, 86, 698-710.	1.1	30
84	Improving the management of multimorbidity in general practice: protocol of a cluster randomised controlled trial (The 3D Study). <i>BMJ Open</i> , 2016, 6, e011261.	0.8	29
85	Comorbidity and polypharmacy in chronic heart failure: a large cross-sectional study in primary care. <i>British Journal of General Practice</i> , 2017, 67, e314-e320.	0.7	29
86	Balancing measures or a balanced accounting of improvement impact: a qualitative analysis of individual and focus group interviews with improvement experts in Scotland. <i>BMJ Quality and Safety</i> , 2018, 27, 547-556.	1.8	29
87	Time series analysis of the impact of an intervention in Tayside, Scotland to reduce primary care broad-spectrum antimicrobial use. <i>Journal of Antimicrobial Chemotherapy</i> , 2015, 70, 2397-2404.	1.3	27
88	Protocol for a process evaluation of a cluster randomised controlled trial to improve management of multimorbidity in general practice: the 3D study. <i>BMJ Open</i> , 2016, 6, e011260.	0.8	27
89	Multimorbidity in middle age predicts more subsequent hospital admissions than in older age: A nine-year retrospective cohort study of 121,188 discharged in-patients. <i>European Journal of Internal Medicine</i> , 2019, 61, 103-111.	1.0	27
90	Assessing the accuracy of ICD-10 coding for measuring rates of and mortality from acute kidney injury and the impact of electronic alerts: an observational cohort study. <i>CKJ: Clinical Kidney Journal</i> , 2020, 13, 1083-1090.	1.4	27

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91	Barriers and enablers to collaborative working between GPs and pharmacists: a qualitative interview study. <i>British Journal of General Practice</i> , 2020, 70, e155-e163.	0.7	26
92	Closing the UK care home data gap – methodological challenges and solutions. <i>International Journal of Population Data Science</i> , 2020, 5, 1391.	0.1	26
93	Differences in the quality of primary medical care for CVD and diabetes across the NHS: evidence from the quality and outcomes framework. <i>BMC Health Services Research</i> , 2007, 7, 74.	0.9	25
94	Differences in the quality of primary medical care services by remoteness from urban settlements. <i>Quality and Safety in Health Care</i> , 2007, 16, 446-449.	2.5	24
95	The development and optimisation of a primary care-based whole system complex intervention (CARE) Tj ETQq1 1 0.784314 rgBT /Over Illness, 2016, 12, 165-181.	0.6	24
96	Process evaluation of the data-driven quality improvement in primary care (DQIP) trial: active and less active ingredients of a multi-component complex intervention to reduce high-risk primary care prescribing. <i>Implementation Science</i> , 2017, 12, 4.	2.5	24
97	Effect of competing mortality risks on predictive performance of the QRISK3 cardiovascular risk prediction tool in older people and those with comorbidity: external validation population cohort study. <i>The Lancet Healthy Longevity</i> , 2021, 2, e352-e361.	2.0	24
98	Exploring the impact and use of patients' feedback about their care experiences in general practice settings – a realist synthesis. <i>Family Practice</i> , 2018, 35, 13-21.	0.8	23
99	Chronic morbidity, deprivation and primary medical care spending in England in 2015-16: a cross-sectional spatial analysis. <i>BMC Medicine</i> , 2018, 16, 19.	2.3	23
100	Factors affecting use of unscheduled care for people with advanced cancer: a retrospective cohort study in Scotland. <i>British Journal of General Practice</i> , 2019, 69, e860-e868.	0.7	23
101	Defining remission of type 2 diabetes in research studies: A systematic scoping review. <i>PLoS Medicine</i> , 2020, 17, e1003396.	3.9	23
102	Standard cardiovascular disease risk algorithms underestimate the risk of cardiovascular disease in schizophrenia: Evidence from a national primary care database. <i>Schizophrenia Research</i> , 2014, 159, 176-181.	1.1	22
103	Can implementation failure or intervention failure explain the result of the 3D multimorbidity trial in general practice: mixed-methods process evaluation. <i>BMJ Open</i> , 2019, 9, e031438.	0.8	22
104	Impact of the GP contract on inequalities associated with influenza immunisation: a retrospective population-database analysis. <i>British Journal of General Practice</i> , 2011, 61, e379-e385.	0.7	21
105	Trimethoprim prescription and subsequent resistance in childhood urinary infection: multilevel modelling analysis. <i>British Journal of General Practice</i> , 2013, 63, e238-e243.	0.7	21
106	Developing a complex intervention to improve prescribing safety in primary care: mixed methods feasibility and optimisation pilot study. <i>BMJ Open</i> , 2014, 4, e004153.	0.8	20
107	Associations between exemption and survival outcomes in the UK's primary care pay-for-performance programme: a retrospective cohort study. <i>BMJ Quality and Safety</i> , 2016, 25, 657-670.	1.8	20
108	Changes in resistance among coliform bacteraemia associated with a primary care antimicrobial stewardship intervention: A population-based interrupted time series study. <i>PLoS Medicine</i> , 2019, 16, e1002825.	3.9	20

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109	Identifying care-home residents in routine healthcare datasets: a diagnostic test accuracy study of five methods. <i>Age and Ageing</i> , 2019, 48, 114-121.	0.7	19
110	Impact of COVID-19 on care-home mortality and life expectancy in Scotland. <i>Age and Ageing</i> , 2021, 50, 1029-1037.	0.7	19
111	Care-home outbreaks of COVID-19 in Scotland March to May 2020: National linked data cohort analysis. <i>Age and Ageing</i> , 2021, 50, 1482-1492.	0.7	19
112	Bad apples or spoiled barrels? Multilevel modelling analysis of variation in high-risk prescribing in Scotland between general practitioners and between the practices they work in. <i>BMJ Open</i> , 2015, 5, e008270.	0.8	19
113	Better guidelines for better care: accounting for multimorbidity in clinical guidelines – structured examination of exemplar guidelines and health economic modelling. <i>Health Services and Delivery Research</i> , 2017, 5, 1-150.	1.4	18
114	Spatio-temporal elements of articulation work in the achievement of repeat prescribing safety in <scp>UK</scp> general practice. <i>Sociology of Health and Illness</i> , 2016, 38, 306-324.	1.1	17
115	Process evaluation of the Data-driven Quality Improvement in Primary Care (DQIP) trial: case study evaluation of adoption and maintenance of a complex intervention to reduce high-risk primary care prescribing. <i>BMJ Open</i> , 2017, 7, e015281.	0.8	17
116	A framework for ensuring a balanced accounting of the impact of antimicrobial stewardship interventions. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 3223-3231.	1.3	17
117	The role of informal dimensions of safety in high-volume organisational routines: an ethnographic study of test results handling in UK general practice. <i>Implementation Science</i> , 2017, 12, 56.	2.5	16
118	Identifying who lives in a care home – a challenge to be conquered. <i>Age and Ageing</i> , 2018, 47, 322-323.	0.7	16
119	Practice postcode versus patient population: a comparison of data sources in England and Scotland. <i>International Journal of Health Geographics</i> , 2008, 7, 37.	1.2	15
120	Prescribing of β -adrenoceptor antagonists in asthma: an observational study. <i>Thorax</i> , 2011, 66, 502-507.	2.7	15
121	A multifaceted intervention to improve sepsis management in general hospital wards with evaluation using segmented regression of interrupted time series. <i>BMJ Quality and Safety</i> , 2014, 23, e2-e2.	1.8	15
122	Evaluation of a complex intervention to improve primary care prescribing: a phase IV segmented regression interrupted time series analysis. <i>British Journal of General Practice</i> , 2017, 67, e352-e360.	0.7	15
123	Understanding usual care for patients with multimorbidity: baseline data from a cluster-randomised trial of the 3D intervention in primary care. <i>BMJ Open</i> , 2018, 8, e019845.	0.8	15
124	Sex-specific intergenerational trends in morbidity burden and multimorbidity status in Hong Kong community: an age-period-cohort analysis of repeated population surveys. <i>BMJ Open</i> , 2019, 9, e023927.	0.8	15
125	Developing an AKI Consensus Definition for Database Research: Findings From a Scoping Review and Expert Opinion Using a Delphi Process. <i>American Journal of Kidney Diseases</i> , 2022, 79, 488-496.e1.	2.1	15
126	A patient-centred intervention to improve the management of multimorbidity in general practice: the 3D RCT. <i>Health Services and Delivery Research</i> , 2019, 7, 1-238.	1.4	15

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127	Study protocol of a mixed-methods evaluation of a cluster randomized trial to improve the safety of NSAID and antiplatelet prescribing: data-driven quality improvement in primary care. <i>Trials</i> , 2012, 13, 154.	0.7	14
128	Living at home after emergency hospital admission: prospective cohort study in older adults with and without cognitive spectrum disorder. <i>BMC Medicine</i> , 2018, 16, 231.	2.3	14
129	Collaborative improvement in Scottish GP clusters after the Quality and Outcomes Framework: a qualitative study. <i>British Journal of General Practice</i> , 2021, 71, e719-e727.	0.7	14
130	The Use of Telemonitoring in Managing the COVID-19 Pandemic: Pilot Implementation Study. <i>JMIR Formative Research</i> , 2021, 5, e20131.	0.7	14
131	Epidemiology of type 2 diabetes remission in Scotland in 2019: A cross-sectional population-based study. <i>PLoS Medicine</i> , 2021, 18, e1003828.	3.9	14
132	High-risk prescribing and monitoring in primary care: how common is it, and how can it be improved?. <i>Therapeutic Advances in Drug Safety</i> , 2012, 3, 175-184.	1.0	13
133	Insightful practice: a reliable measure for medical revalidation. <i>BMJ Quality and Safety</i> , 2012, 21, 649-656.	1.8	13
134	Efficiency and thoroughness trade-offs in high-volume organisational routines: an ethnographic study of prescribing safety in primary care. <i>BMJ Quality and Safety</i> , 2018, 27, 199-206.	1.8	12
135	Clinical Guidelines in the Context of Aging and Multimorbidity. <i>The Public Policy and Aging Report</i> , 2018, 28, 143-149.	0.8	12
136	Measuring prevalence, reliability and variation in high-risk prescribing in general practice using multilevel modelling of observational data in a population database. <i>Health Services and Delivery Research</i> , 2015, 3, 1-140.	1.4	12
137	Routine mortality monitoring for detecting mass murder in UK general practice: test of effectiveness using modelling. <i>British Journal of General Practice</i> , 2008, 58, 311-317.	0.7	11
138	Use of oral anticoagulants in atrial fibrillation is highly variable and only weakly associated with estimated stroke risk: Cross-sectional population database study. <i>European Journal of General Practice</i> , 2014, 20, 181-189.	0.9	11
139	Effective Feedback to Improve Primary Care Prescribing Safety (EFIPPS) a pragmatic three-arm cluster randomised trial: designing the intervention (ClinicalTrials.gov registration NCT01602705). <i>Implementation Science</i> , 2014, 9, 133.	2.5	11
140	Has primary care antimicrobial use really been increasing? Comparison of changes in different prescribing measures for a complete geographic population 1995-2014. <i>Journal of Antimicrobial Chemotherapy</i> , 2017, 72, 2921-2930.	1.3	11
141	Developing middle-ground research to support primary care transformation. <i>British Journal of General Practice</i> , 2017, 67, 498-499.	0.7	11
142	A computer template to enhance patient-centredness in multimorbidity reviews: a qualitative evaluation in primary care. <i>British Journal of General Practice</i> , 2018, 68, e495-e504.	0.7	11
143	The research data management platform (RDMP): A novel, process driven, open-source tool for the management of longitudinal cohorts of clinical data. <i>GigaScience</i> , 2018, 7, .	3.3	11
144	The burden of psychotropic and anticholinergic medicines use in care homes: population-based analysis in 147 care homes. <i>Age and Ageing</i> , 2021, 50, 183-189.	0.7	11

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145	Observed and expected serious adverse event rates in randomised clinical trials for hypertension: an observational study comparing trials that do and do not focus on older people. <i>The Lancet Healthy Longevity</i> , 2021, 2, e398-e406.	2.0	11
146	Quality measurement of care for people with type 2 diabetes in Tayside, Scotland: implications for the new UK general practice contract. <i>British Journal of General Practice</i> , 2003, 53, 709-13.	0.7	11
147	Association between antipsychotic use and acute ischemic heart disease in women but not in men: a retrospective cohort study of over one million primary care patients. <i>BMC Medicine</i> , 2020, 18, 289.	2.3	10
148	Measuring the quality of healthcare systems using composites. <i>BMJ: British Medical Journal</i> , 2008, 337, a639-a639.	2.4	10
149	Why do general practitioners take blood? A cross-sectional study of use of blood tests in UK general practice. <i>European Journal of General Practice</i> , 2001, 7, 138-160.	0.9	9
150	Smoking cessation interventions for patients with coronary heart disease and comorbidities: an observational cross-sectional study in primary care. <i>British Journal of General Practice</i> , 2017, 67, e118-e129.	0.7	9
151	Predictive performance of a competing risk cardiovascular prediction tool CRISK compared to QRISK3 in older people and those with comorbidity: population cohort study. <i>BMC Medicine</i> , 2022, 20, 152.	2.3	9
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