A chronological map of 308 physical and mental health individuals in the English National Health Service

Citation Report

#	Article	IF	Citations
1	UK phenomics platform for developing and validating electronic health record phenotypes: CALIBER. Journal of the American Medical Informatics Association: JAMIA, 2019, 26, 1545-1559.	2.2	143
2	Avoidable flaws in observational analyses: an application to statins and cancer. Nature Medicine, 2019, 25, 1601-1606.	15.2	185
3	Depicting the spectrum of diseases that occur during the lifespan of an individual based on electronic health records. The Lancet Digital Health, 2019, 1, e46-e47.	5.9	0
4	Untangling the complexity of multimorbidity with machine learning. Mechanisms of Ageing and Development, 2020, 190, 111325.	2.2	23
5	Machine learning based early warning system enables accurate mortality risk prediction for COVID-19. Nature Communications, 2020, 11, 5033.	5.8	217
6	An overview on wearing the face mask to avoid transmission of coronavirus disease 2019. Reviews in Medical Microbiology, 2020, 31, 221-233.	0.4	3
7	BEHRT: Transformer for Electronic Health Records. Scientific Reports, 2020, 10, 7155.	1.6	175
8	Estimated impact of the COVID-19 pandemic on cancer services and excess 1-year mortality in people with cancer and multimorbidity: near real-time data on cancer care, cancer deaths and a population-based cohort study. BMJ Open, 2020, 10, e043828.	0.8	233
9	Models for mortality require tailoring in the context of the COVID-19 pandemic – Authors' reply. Lancet, The, 2020, 396, 883-884.	6.3	0
10	Clinical academic research in the time of Corona: A simulation study in England and a call for action. PLoS ONE, 2020, 15, e0237298.	1.1	8
11	The impact of sex on gene expression across human tissues. Science, 2020, 369, .	6.0	329
12	Higher prevalence of non-skeletal comorbidity related to X-linked hypophosphataemia: a UK parallel cohort study using CPRD. Rheumatology, 2021, 60, 4055-4062.	0.9	8
13	Prior presumed coronavirus infection reduces COVID-19 risk: A cohort study. Journal of Infection, 2020, 81, 923-930.	1.7	39
14	Estimating excess 1-year mortality associated with the COVID-19 pandemic according to underlying conditions and age: a population-based cohort study. Lancet, The, 2020, 395, 1715-1725.	6.3	412
15	Selective recruitment designs for improving observational studies using electronic health records. Statistics in Medicine, 2020, 39, 2556-2567.	0.8	1
16	Data visualization in health care: The Florence effect. Journal of Advanced Nursing, 2020, 76, 1488-1490.	1.5	12
17	Electronic Health Records to Predict Gestational Diabetes Risk. Trends in Pharmacological Sciences, 2020, 41, 301-304.	4.0	7
18	Incidence, prevalence and mortality of bullous pemphigoid in England 1998–2017: a population‐based cohort study*. British Journal of Dermatology, 2021, 184, 68-77.	1.4	59

#	Article	IF	Citations
19	Osteoarthritis year in review 2020: epidemiology & therapy. Osteoarthritis and Cartilage, 2021, 29, 180-189.	0.6	77
22	Using electronic health records to inform trial feasibility in a rare autoimmune blistering skin disease in England. BMC Medical Research Methodology, 2021, 21, 22.	1.4	0
24	Sex, Age, and Socioeconomic Differences in Nonfatal Stroke Incidence and Subsequent Major Adverse Outcomes. Stroke, 2021, 52, 396-405.	1.0	28
25	Transforming and evaluating electronic health record disease phenotyping algorithms using the OMOP common data model: a case study in heart failure. JAMIA Open, 2021, 4, ooab001.	1.0	18
26	Data-driven identification of ageing-related diseases from electronic health records. Scientific Reports, 2021, 11, 2938.	1.6	17
28	Prevention of AcuTe admIssioN algorithm (PATINA): study protocol of a stepped wedge randomized controlled trial. BMC Geriatrics, 2021, 21, 146.	1.1	2
29	Analysis of human total antibody repertoires in TIF1Î³ autoantibody positive dermatomyositis. Communications Biology, 2021, 4, 419.	2.0	9
30	Using Wearable Activity Trackers to Predict Type 2 Diabetes: Machine Learningâ€"Based Cross-sectional Study of the UK Biobank Accelerometer Cohort. JMIR Diabetes, 2021, 6, e23364.	0.9	12
31	Linked electronic health records for research on a nationwide cohort of more than 54 million people in England: data resource. BMJ, The, 2021, 373, n826.	3.0	98
34	Adapting the definition of multimorbidity â€" development of a locality-based consensus for selecting included Long Term Conditions. BMC Family Practice, 2021, 22, 124.	2.9	11
35	Paediatric rotavirus vaccination, coeliac disease and type 1 diabetes in children: a population-based cohort study. BMC Medicine, 2021, 19, 147.	2.3	14
36	Inequalities in incident and prevalent multimorbidity in England, 2004â€"19: a population-based, descriptive study. The Lancet Healthy Longevity, 2021, 2, e489-e497.	2.0	57
37	United Kingdom Biobank (UK Biobank). Journal of the American College of Cardiology, 2021, 78, 56-65.	1.2	28
38	Sex disparity in subsequent outcomes in survivors of coronary heart disease. Heart, 2022, 108, 37-45.	1.2	9
39	Atrial fibrillation epidemiology, disparity and healthcare contacts: a population-wide study of 5.6 million individuals. Lancet Regional Health - Europe, The, 2021, 7, 100157.	3.0	23
40	Long-term oral prednisolone exposure in primary care for bullous pemphigoid: population-based study. British Journal of General Practice, 2021, 71, e904-e911.	0.7	1
41	Equity and the JAMA Network. JAMA Neurology, 2021, 78, 907.	4.5	8
42	Human genetic analyses of organelles highlight the nucleus in age-related trait heritability. ELife, 2021, 10, .	2.8	20

#	Article	IF	Citations
43	Obesity and long‐term outcomes after incident stroke: a prospective population‐based cohort study. Journal of Cachexia, Sarcopenia and Muscle, 2021, 12, 2111-2121.	2.9	17
44	Crisis management, transnational healthcare challenges and opportunities: The intersection of COVID-19 pandemic and global mental health. Research in Globalization, 2021, 3, 100037.	1.4	69
45	The incidence of multimorbidity and patterns in accumulation of chronic conditions: A systematic review. Journal of Multimorbidity and Comorbidity, 2021, 11, 263355652110328.	0.8	31
46	Protocol for the development of the Wales Multimorbidity e-Cohort (WMC): data sources and methods to construct a population-based research platform to investigate multimorbidity. BMJ Open, 2021, 11, e047101.	0.8	12
52	Understanding and responding to COVID-19 in Wales: protocol for a privacy-protecting data platform for enhanced epidemiology and evaluation of interventions. BMJ Open, 2020, 10, e043010.	0.8	50
53	What Factors Increase the Risk of Complications in SARS-CoV-2–Infected Patients? A Cohort Study in a Nationwide Israeli Health Organization. JMIR Public Health and Surveillance, 2020, 6, e20872.	1.2	50
55	national initiative in data science for health: an evaluation of the UK Farr Institute. International Journal of Population Data Science, 2020, 5, 1128.	0.1	4
56	Using Unsupervised Learning to Identify Clinical Subtypes of Alzheimer's Disease in Electronic Health Records. Studies in Health Technology and Informatics, 2020, 270, 499-503.	0.2	8
58	Chronic Disease Surveillance in Alberta's Tomorrow Project using Administrative Health Data. International Journal of Population Data Science, 2021, 6, 1672.	0.1	2
59	Deep Bayesian Gaussian processes for uncertainty estimation in electronic health records. Scientific Reports, 2021, 11, 20685.	1.6	13
61	The epidemiology of atopic dermatitis in older adults: A population-based study in the United Kingdom. PLoS ONE, 2021, 16, e0258219.	1.1	23
64	Association of Enzyme-Inducing Antiseizure Drug Use With Long-term Cardiovascular Disease. JAMA Neurology, 2021, 78, 1367.	4.5	41
65	An informatics consult approach for generating clinical evidence for treatment decisions. BMC Medical Informatics and Decision Making, 2021, 21, 281.	1.5	8
68	Using Electronic Medical Records to Identify Potentially Eligible Study Subjects for Lung Cancer Screening with Biomarkers. Cancers, 2021, 13, 5449.	1.7	4
69	A semi-supervised approach for rapidly creating clinical biomarker phenotypes in the UK Biobank using different primary care EHR and clinical terminology systems. JAMIA Open, 2021, 3, 545-556.	1.0	8
71	Predicting patient-level new-onset atrial fibrillation from population-based nationwide electronic health records: protocol of FIND-AF for developing a precision medicine prediction model using artificial intelligence. BMJ Open, 2021, 11, e052887.	0.8	12
72	Integrative analysis of the plasma proteome and polygenic risk of cardiometabolic diseases. Nature Metabolism, 2021, 3, 1476-1483.	5.1	43
73	The total and direct effects of systolic and diastolic blood pressure on cardiovascular disease and longevity using Mendelian randomisation. Scientific Reports, 2021, 11, 21799.	1.6	9

#	Article	IF	Citations
74	Wie kÃ¶nnen Mentalisieren, Epistemisches Vertrauen und soziales Lernen in der Krise gelingen?. PDP â€" Psychodynamische Psychotherapie, 2020, 19, 340-349.	0.1	0
76	Late effects of cancer in children, teenagers and young adults: Population-based study on the burden of 183 conditions, in-patient and critical care admissions and years of life lost. Lancet Regional Health - Europe, The, 2022, 12, 100248.	3.0	17
77	Investigating the association between physical health comorbidities and disability in individuals with severe mental illness. European Psychiatry, 2021, 64, 1-33.	0.1	5
79	Increased burden of cardiovascular disease in people with liver disease: unequal geographical variations, risk factors and excess years of life lost. Journal of Translational Medicine, 2022, 20, 2.	1.8	12
80	Mapping multimorbidity in individuals with schizophrenia and bipolar disorders: evidence from the South London and Maudsley NHS Foundation Trust Biomedical Research Centre (SLAM BRC) case register. BMJ Open, 2022, 12, e054414.	0.8	8
81	Death after surgery among patients with chronic disease: prospective study of routinely collected data in the English NHS. British Journal of Anaesthesia, 2022, 128, 333-342.	1.5	22
82	Systematic Review of Sex Differences in Ischemic Strokes Among Young Adults: Are Young Women Disproportionately at Risk?. Stroke, 2022, 53, 319-327.	1.0	23
83	An Explainable Transformer-Based Deep Learning Model for the Prediction of Incident Heart Failure. IEEE Journal of Biomedical and Health Informatics, 2022, 26, 3362-3372.	3.9	33
84	Observational retrospective study calculating health service costs of patients receiving surgery for chronic rhinosinusitis in England, using linked patient-level primary and secondary care electronic data. BMJ Open, 2022, 12, e055603.	0.8	1
85	Patient-centric characterization of multimorbidity trajectories in patients with severe mental illnesses: A temporal bipartite network modeling approach. Journal of Biomedical Informatics, 2022, 127, 104010.	2.5	2
86	Epidemiology of pre-existing multimorbidity in pregnant women in the UK in 2018: a population-based cross-sectional study. BMC Pregnancy and Childbirth, 2022, 22, 120.	0.9	24
87	Trends in the Annual Consultation Incidence and Prevalence of Low Back Pain and Osteoarthritis in England from 2000 to 2019: Comparative Estimates from Two Clinical Practice Databases. Clinical Epidemiology, 2022, Volume 14, 179-189.	1.5	8
88	The associated burden of mental health conditions in alopecia areata: a populationâ€based study in <scp>UK</scp> primary care*. British Journal of Dermatology, 2022, 187, 73-81.	1.4	25
90	Biological mechanisms of aging predict ageâ€related disease coâ€occurrence in patients. Aging Cell, 2022, 21, e13524.	3.0	26
91	Association between mirtazapine use and serious self-harm in people with depression: an active comparator cohort study using UK electronic health records. Evidence-Based Mental Health, 2022, , ebmental-2021-300355.	2.2	0
92	Cumulative burden of psychiatric disorders and self-harm across 26 adult cancers. Nature Medicine, 2022, 28, 860-870.	15.2	24
93	Opioid use prior to total knee replacement: comparative analysis of trends in England and Sweden. Osteoarthritis and Cartilage, 2022, 30, 815-822.	0.6	6
94	Incidence, morbidity, mortality and disparities in dementia: A population linked electronic health records study of 4.3 million individuals. Alzheimer's and Dementia, 2023, 19, 123-135.	0.4	11

#	ARTICLE	IF	CITATIONS
95	Reproducible disease phenotyping at scale: Example of coronary artery disease in UK Biobank. PLoS ONE, 2022, 17, e0264828.	1.1	2
96	The Impact of Demographic, Socio-Economic and Geographic Factors on Mortality Risk among People Living with Dementia in England (2002â€"2016). International Journal of Environmental Research and Public Health, 2021, 18, 13405.	1.2	3
97	Analysis of *CYP2C19* genetic variants with ischaemic events in UK patients prescribed clopidogrel in primary care: a retrospective cohort study. BMJ Open, 2021, 11, e053905.	0.8	6
98	Increased COVID-19 mortality rate in rare disease patients: a retrospective cohort study in participants of the Genomics England 100,000 Genomes project. Orphanet Journal of Rare Diseases, 2022, 17, 166.	1.2	9
99	Mapping the Read2/CTV3 controlled clinical terminologies to Phecodes in UK Biobank primary care electronic health records: implementation and evaluation.. AMIA ... Annual Symposium proceedings, 2021, 2021, 362-371.	0.2	0
100	Health conditions in adults with HIV compared with the general population: A population-based cross-sectional analysis. EClinicalMedicine, 2022, 47, 101392.	3.2	15
101	Development and Validation of Population Clusters for Integrating Health and Social Care: Protocol for a Mixed Methods Study in Multiple Long-Term Conditions (Cluster-Artificial Intelligence for) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 49		
103	A retrospective cohort study predicting and validating impact of the COVID-19 pandemic in individuals with chronic kidney disease. Kidney International, 2022, 102, 652-660.	2.6	17
104	COVID-19 trajectories among 57 million adults in England: a cohort study using electronic health records. The Lancet Digital Health, 2022, 4, e542-e557.	5.9	40
105	Multimorbidity patterns and risk of hospitalisation in children: A population cohort study of 3.6 million children in England, with illustrative examples from childhood cancer survivors. Lancet Regional Health - Europe, The, 2022, 20, 100433.	3.0	5
106	Stable Gender Gap and Similar Gender Trend in Chronic Morbidities between 1997â€"2015 in Adult Canary Population. International Journal of Environmental Research and Public Health, 2022, 19, 9404.	1.2	1
107	How does age determine the development of human immune-mediated arthritis?. Nature Reviews Rheumatology, 2022, 18, 501-512.	3.5	4
108	Digoxin ameliorates joint inflammatory microenvironment by downregulating synovial macrophage M1-like-polarization and its-derived exosomal miR-146b-5p/Usp3&Sox5 axis. International Immunopharmacology, 2022, 111, 109135.	1.7	11
109	Translating and evaluating historic phenotyping algorithms using SNOMED CT. Journal of the American Medical Informatics Association: JAMIA, 2023, 30, 222-232.	2.2	6
110	Ethnic inequities in multimorbidity among people with psychosis: a retrospective cohort study. Epidemiology and Psychiatric Sciences, 2022, 31, .	1.8	6
114	Comparing clinical trial population representativeness to real-world populations: an external validity analysis encompassing 43â€˜895 trials and 5â€˜685â€˜738 individuals across 989 unique drugs and 286 conditions in England. The Lancet Healthy Longevity, 2022, 3, e674-e689.	2.0	43
116	Underlying cancer risk among patients with fatigue and other vague symptoms: a population-based cohort study in primary care. British Journal of General Practice, 2023, 73, e75-e87.	0.7	2
117	Age, sex, and socioeconomic differences in multimorbidity measured in four ways: UK primary care cross-sectional analysis. British Journal of General Practice, 2023, 73, e249-e256.	0.7	8

#	Article	IF	Citations
118	Validation of risk prediction models applied to longitudinal electronic health record data for the prediction of major cardiovascular events in the presence of data shifts. European Heart Journal Digital Health, 2022, 3, 535-547.	0.7	6
119	Transforming and evaluating the UK Biobank to the OMOP Common Data Model for COVID-19 research and beyond. Journal of the American Medical Informatics Association: JAMIA, 2022, 30, 103-111.	2.2	17
120	UK Biobank retinal imaging grading: methodology, baseline characteristics and findings for common ocular diseases. Eye, 2023, 37, 2109-2116.	1.1	2
122	Association of concomitant autoimmunity with the disease features and long-term treatment and health outcomes in Celiac disease. Frontiers in Medicine, 0, 9, .	1.2	2
123	Identifying and visualising multimorbidity and comorbidity patterns in patients in the English National Health Service: a population-based study. The Lancet Digital Health, 2023, 5, e16-e27.	5.9	28
124	Hi-BEHRT: Hierarchical Transformer-Based Model for Accurate Prediction of Clinical Events Using Multimodal Longitudinal Electronic Health Records. IEEE Journal of Biomedical and Health Informatics, 2023, 27, 1106-1117.	3.9	18
125	Multimorbidity and comorbidity patterns in the English National Health Service. Cell Reports Medicine, 2022, 3, 100863.	3.3	1
128	Harmonising electronic health records for reproducible research: challenges, solutions and recommendations from a UK-wide COVID-19 research collaboration. BMC Medical Informatics and Decision Making, 2023, 23, .	1.5	5
130	Prevalence of co-morbidity and history of recent infection in patients with neuromuscular disease: A cross-sectional analysis of United Kingdom primary care data. PLoS ONE, 2023, 18, e0282513.	1.1	0
131	Cumulative burden of 144 conditions, critical care hospitalisation and premature mortality across 26 adult cancers. Nature Communications, 2023, 14, .	5.8	0
132	COVID-19, Mental Health, and Chronic Illnesses: A Syndemic Perspective. International Journal of Environmental Research and Public Health, 2023, 20, 3262.	1.2	14
133	Impact of the COVID-19 pandemic on incidence of tics in children and young people: a population-based cohort study. EClinicalMedicine, 2023, 57, 101857.	3.2	5
134	Disparities in the age at osteoarthritis diagnosis: an indicator for equity-focused prevention. Rheumatology, 0, , .	0.9	0
136	Maternal and child outcomes for pregnant women with pre-existing multiple long-term conditions: protocol for an observational study in the UK. BMJ Open, 2023, 13, e068718.	0.8	1
137	Identifying subtypes of chronic kidney disease with machine learning: development, internal validation and prognostic validation using linked electronic health records in 350,067 individuals. EBioMedicine, 2023, 89, 104489.	2.7	1
139	Socioeconomic gradient in mortality of working age and older adults with multiple long-term conditions in England and Ontario, Canada. BMC Public Health, 2023, 23, .	1.2	0
140	The impact of varying the number and selection of conditions on estimated multimorbidity prevalence: A cross-sectional study using a large, primary care population dataset. PLoS Medicine, 2023, 20, e1004208.	3.9	9
179	Data Standards and Terminology Including Biomedical Ontologies. , 2023, , 37-49.		0