

Richard Dobson

List of Publications by Citations

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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.

225
papers

15,482
citations

43
h-index

123
g-index

293
ext. papers

18,857
ext. citations

6.1
avg, IF

7.44
L-index

#	Paper	IF	Citations
225	Genome-wide association study of 14,000 cases of seven common diseases and 3,000 shared controls. <i>Nature</i> , 2007 , 447, 661-78	50.4	7801
224	Genome-wide meta-analysis identifies new loci and functional pathways influencing Alzheimer's disease risk. <i>Nature Genetics</i> , 2019 , 51, 404-413	36.3	771
223	Functional annotation of the human brain methylome identifies tissue-specific epigenetic variation across brain and blood. <i>Genome Biology</i> , 2012 , 13, R43	18.3	508
222	Genome-wide association study identifies genes for biomarkers of cardiovascular disease: serum urate and dyslipidemia. <i>American Journal of Human Genetics</i> , 2008 , 82, 139-49	11	361
221	SLC2A9 is a high-capacity urate transporter in humans. <i>PLoS Medicine</i> , 2008 , 5, e197	11.6	254
220	Retinoic acid-induced pancreatic stellate cell quiescence reduces paracrine Wnt- β -catenin signaling to slow tumor progression. <i>Gastroenterology</i> , 2011 , 141, 1486-97, 1497.e1-14	13.3	234
219	Genome-wide mapping of human loci for essential hypertension. <i>Lancet, The</i> , 2003 , 361, 2118-23	40	216
218	Identification of major outer surface proteins of <i>Streptococcus agalactiae</i> . <i>Infection and Immunity</i> , 2002 , 70, 1254-9	3.7	164
217	Genome-wide scan identifies CDH13 as a novel susceptibility locus contributing to blood pressure determination in two European populations. <i>Human Molecular Genetics</i> , 2009 , 18, 2288-96	5.6	154
216	Clusterin regulates β -amyloid toxicity via Dickkopf-1-driven induction of the wnt-PCP-JNK pathway. <i>Molecular Psychiatry</i> , 2014 , 19, 88-98	15.1	153
215	Genome-wide analysis of allelic expression imbalance in human primary cells by high-throughput transcriptome resequencing. <i>Human Molecular Genetics</i> , 2010 , 19, 122-34	5.6	152
214	Plasma proteins predict conversion to dementia from prodromal disease. <i>Alzheimer's and Dementia</i> , 2014 , 10, 799-807.e2	1.2	139
213	Blood pressure loci identified with a gene-centric array. <i>American Journal of Human Genetics</i> , 2011 , 89, 688-700	11	137
212	Candidate blood proteome markers of Alzheimer's disease onset and progression: a systematic review and replication study. <i>Journal of Alzheimer's Disease</i> , 2014 , 38, 515-31	4.3	134
211	Alzheimer's disease biomarker discovery using SOMAscan multiplexed protein technology. <i>Alzheimer's and Dementia</i> , 2014 , 10, 724-34	1.2	133
210	Angiotensin-converting enzyme inhibitors and angiotensin II receptor blockers are not associated with severe COVID-19 infection in a multi-site UK acute hospital trust. <i>European Journal of Heart Failure</i> , 2020 , 22, 967-974	12.3	127
209	The Effects of ARBs, ACEIs, and Statins on Clinical Outcomes of COVID-19 Infection Among Nursing Home Residents. <i>Journal of the American Medical Directors Association</i> , 2020 , 21, 909-914.e2	5.9	106

208	Big data from electronic health records for early and late translational cardiovascular research: challenges and potential. <i>European Heart Journal</i> , 2018 , 39, 1481-1495	9.5	106
207	Combining clinical variables to optimize prediction of antidepressant treatment outcomes. <i>Journal of Psychiatric Research</i> , 2016 , 78, 94-102	5.2	106
206	Mitochondrial dysfunction and immune activation are detectable in early Alzheimer's disease blood. <i>Journal of Alzheimer's Disease</i> , 2012 , 30, 685-710	4.3	104
205	Natural language processing to extract symptoms of severe mental illness from clinical text: the Clinical Record Interactive Search Comprehensive Data Extraction (CRIS-CODE) project. <i>BMJ Open</i> , 2017 , 7, e012012	3	100
204	Association of blood lipids with Alzheimer's disease: A comprehensive lipidomics analysis. <i>Alzheimer's and Dementia</i> , 2017 , 13, 140-151	1.2	90
203	Targeting 160 candidate genes for blood pressure regulation with a genome-wide genotyping array. <i>PLoS ONE</i> , 2009 , 4, e6034	3.7	89
202	Male-biased autosomal effect of 16p13.11 copy number variation in neurodevelopmental disorders. <i>PLoS ONE</i> , 2013 , 8, e61365	3.7	88
201	Haplotypes of the WNK1 gene associate with blood pressure variation in a severely hypertensive population from the British Genetics of Hypertension study. <i>Human Molecular Genetics</i> , 2005 , 14, 1805-14 ^{5,6}	5.6	82
200	Circulating Proteomic Signatures of Chronological Age. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2015 , 70, 809-16	6.4	81
199	Knockdown of the psychosis susceptibility gene ZNF804A alters expression of genes involved in cell adhesion. <i>Human Molecular Genetics</i> , 2012 , 21, 1018-24	5.6	80
198	Mitochondrial genes are altered in blood early in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017 , 53, 36-47	5.6	78
197	Clinical Text De-identification and Other Large Scale Processing Tasks in Resource Constrained Environments. <i>International Journal of Population Data Science</i> , 2017 , 1,	1.4	78
196	A MULTIDIMENSIONAL MODEL FOR POLYPHARMACY MEASUREMENT IN OLDER ADULTS: EVIDENCE FROM THE HEALTH RETIREMENT STUDY. <i>Innovation in Aging</i> , 2019 , 3, S707-S707	0.1	78
195	Plasma lipidomics analysis finds long chain cholesteryl esters to be associated with Alzheimer's disease. <i>Translational Psychiatry</i> , 2015 , 5, e494	8.6	74
194	Identification of cis-regulatory variation influencing protein abundance levels in human plasma. <i>Human Molecular Genetics</i> , 2012 , 21, 3719-26	5.6	71
193	Using Smartphones and Wearable Devices to Monitor Behavioral Changes During COVID-19. <i>Journal of Medical Internet Research</i> , 2020 , 22, e19992	7.6	70
192	UK phenomics platform for developing and validating electronic health record phenotypes: CALIBER. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2019 , 26, 1545-1559	8.6	69
191	Effect of water-table fluctuation on dissolution and biodegradation of a multi-component, light nonaqueous-phase liquid. <i>Journal of Contaminant Hydrology</i> , 2007 , 94, 235-48	3.9	65

190	Plasma based markers of [11C] PiB-PET brain amyloid burden. <i>PLoS ONE</i> , 2012 , 7, e44260	3.7	64
189	RADAR-Base: Open Source Mobile Health Platform for Collecting, Monitoring, and Analyzing Data Using Sensors, Wearables, and Mobile Devices. <i>JMIR MHealth and UHealth</i> , 2019 , 7, e11734	5.5	64
188	Predicting deleterious nsSNPs: an analysis of sequence and structural attributes. <i>BMC Bioinformatics</i> , 2006 , 7, 217	3.6	63
187	Genetics of essential hypertension. <i>Human Molecular Genetics</i> , 2004 , 13 Spec No 1, R169-75	5.6	63
186	A Decade of Blood Biomarkers for Alzheimer's Disease Research: An Evolving Field, Improving Study Designs, and the Challenge of Replication. <i>Journal of Alzheimer's Disease</i> , 2018 , 62, 1181-1198	4.3	62
185	A blood gene expression marker of early Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2013 , 33, 737-53	4.3	60
184	Crowdsourced estimation of cognitive decline and resilience in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2016 , 12, 645-53	1.2	58
183	Two-dimensional genome-scan identifies novel epistatic loci for essential hypertension. <i>Human Molecular Genetics</i> , 2006 , 15, 1365-74	5.6	47
182	Combinatorial markers of mild cognitive impairment conversion to Alzheimer's disease--cytokines and MRI measures together predict disease progression. <i>Journal of Alzheimer's Disease</i> , 2011 , 26 Suppl 3, 395-405	4.3	43
181	SemEHR: A general-purpose semantic search system to surface semantic data from clinical notes for tailored care, trial recruitment, and clinical research. <i>Journal of the American Medical Informatics Association: JAMIA</i> , 2018 , 25, 530-537	8.6	42
180	Identification of Adverse Drug Events from Free Text Electronic Patient Records and Information in a Large Mental Health Case Register. <i>PLoS ONE</i> , 2015 , 10, e0134208	3.7	42
179	Determination of NAPL-water interfacial areas in well-characterized porous media. <i>Environmental Science & Technology</i> , 2006 , 40, 815-22	10.3	42
178	ACE-inhibitors and Angiotensin-2 Receptor Blockers are not associated with severe SARS-COVID19 infection in a multi-site UK acute Hospital Trust		42
177	CogStack - experiences of deploying integrated information retrieval and extraction services in a large National Health Service Foundation Trust hospital. <i>BMC Medical Informatics and Decision Making</i> , 2018 , 18, 47	3.6	41
176	Association between Plasma Ceramides and Phosphatidylcholines and Hippocampal Brain Volume in Late Onset Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2017 , 60, 809-817	4.3	40
175	Blood Protein Markers of Neocortical Amyloid-Burden: A Candidate Study Using SOMAscan Technology. <i>Journal of Alzheimer's Disease</i> , 2015 , 46, 947-61	4.3	40
174	Homozygous mutations in the 5' region of the JUP gene result in cutaneous disease but normal heart development in children. <i>Journal of Investigative Dermatology</i> , 2010 , 130, 1543-50	4.3	40
173	A genome-wide association study with 1,126,563 individuals identifies new risk loci for Alzheimer's disease. <i>Nature Genetics</i> , 2021 , 53, 1276-1282	36.3	40

172	Blood protein predictors of brain amyloid for enrichment in clinical trials?. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015 , 1, 48-60	5.2	37
171	A comparison of machine learning methods for classification using simulation with multiple real data examples from mental health studies. <i>Statistical Methods in Medical Research</i> , 2016 , 25, 1804-1823	2.3	37
170	Calibrating longitudinal cognition in Alzheimer's disease across diverse test batteries and datasets. <i>Neuroepidemiology</i> , 2014 , 43, 194-205	5.4	36
169	Polymorphisms in the WNK1 gene are associated with blood pressure variation and urinary potassium excretion. <i>PLoS ONE</i> , 2009 , 4, e5003	3.7	36
168	No differences in hippocampal volume between carriers and non-carriers of the ApoE ϵ 4 and ϵ 2 alleles in young healthy adolescents. <i>Journal of Alzheimer's Disease</i> , 2014 , 40, 37-43	4.3	35
167	Complement Biomarkers as Predictors of Disease Progression in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016 , 54, 707-16	4.3	33
166	Plasma protein biomarkers of Alzheimer's disease endophenotypes in asymptomatic older twins: early cognitive decline and regional brain volumes. <i>Translational Psychiatry</i> , 2015 , 5, e584	8.6	32
165	Knowledge graph prediction of unknown adverse drug reactions and validation in electronic health records. <i>Scientific Reports</i> , 2017 , 7, 16416	4.9	32
164	Real-time assessment of COVID-19 prevalence among multiple sclerosis patients: a multicenter European study. <i>Neurological Sciences</i> , 2020 , 41, 1647-1650	3.5	31
163	Antidepressant drug-specific prediction of depression treatment outcomes from genetic and clinical variables. <i>Scientific Reports</i> , 2018 , 8, 5530	4.9	31
162	The EMIF-AD Multimodal Biomarker Discovery study: design, methods and cohort characteristics. <i>Alzheimer's Research and Therapy</i> , 2018 , 10, 64	9	31
161	Microdeletions of ELP4 Are Associated with Language Impairment, Autism Spectrum Disorder, and Mental Retardation. <i>Human Mutation</i> , 2015 , 36, 842-50	4.7	31
160	Chromosome 2p shows significant linkage to antihypertensive response in the British Genetics of Hypertension Study. <i>Hypertension</i> , 2006 , 47, 603-8	8.5	31
159	Evaluation and improvement of the National Early Warning Score (NEWS2) for COVID-19: a multi-hospital study. <i>BMC Medicine</i> , 2021 , 19, 23	11.4	31
158	Are blood-based protein biomarkers for Alzheimer's disease also involved in other brain disorders? A systematic review. <i>Journal of Alzheimer's Disease</i> , 2015 , 43, 303-14	4.3	30
157	Real World Implementation of a Transdiagnostic Risk Calculator for the Automatic Detection of Individuals at Risk of Psychosis in Clinical Routine: Study Protocol. <i>Frontiers in Psychiatry</i> , 2019 , 10, 109	5	29
156	Transcriptomic analysis of probable asymptomatic and symptomatic alzheimer brains. <i>Brain, Behavior, and Immunity</i> , 2019 , 80, 644-656	16.6	27
155	Trajectories of dementia-related cognitive decline in a large mental health records derived patient cohort. <i>PLoS ONE</i> , 2017 , 12, e0178562	3.7	26

154	A Pathway Based Classification Method for Analyzing Gene Expression for Alzheimer's Disease Diagnosis. <i>Journal of Alzheimer's Disease</i> , 2016 , 49, 659-69	4.3	26
153	Capturing Rest-Activity Profiles in Schizophrenia Using Wearable and Mobile Technologies: Development, Implementation, Feasibility, and Acceptability of a Remote Monitoring Platform. <i>JMIR MHealth and UHealth</i> , 2018 , 6, e188	5.5	26
152	Proteomic blood profiling in mild, severe and critical COVID-19 patients. <i>Scientific Reports</i> , 2021 , 11, 6357-9	4.9	25
151	Longitudinal Protein Changes in Blood Plasma Associated with the Rate of Cognitive Decline in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016 , 49, 1105-14	4.3	24
150	TextHunter--A User Friendly Tool for Extracting Generic Concepts from Free Text in Clinical Research 2014 , 2014, 729-38	0.7	24
149	Immune signatures and disorder-specific patterns in a cross-disorder gene expression analysis. <i>British Journal of Psychiatry</i> , 2016 , 209, 202-8	5.4	23
148	The language of mental health problems in social media 2016 ,		23
147	Aurora kinase A (AURKA) interaction with Wnt and Ras-MAPK signalling pathways in colorectal cancer. <i>Scientific Reports</i> , 2018 , 8, 7522	4.9	23
146	Unmanned Aerial Vehicle (UAV)-Based Assessment of Concrete Bridge Deck Delamination Using Thermal and Visible Camera Sensors: A Preliminary Analysis. <i>Research in Nondestructive Evaluation</i> , 2018 , 29, 183-198	0.9	22
145	Exploring the role of drug-metabolising enzymes in antidepressant side effects. <i>Psychopharmacology</i> , 2015 , 232, 2609-17	4.7	21
144	Increased support for linkage of a novel locus on chromosome 5q13 for essential hypertension in the British Genetics of Hypertension Study. <i>Hypertension</i> , 2006 , 48, 105-11	8.5	21
143	A Subset of Cerebrospinal Fluid Proteins from a Multi-Analyte Panel Associated with Brain Atrophy, Disease Classification and Prediction in Alzheimer's Disease. <i>PLoS ONE</i> , 2015 , 10, e0134368	3.7	21
142	Linkage analysis using co-phenotypes in the BRIGHT study reveals novel potential susceptibility loci for hypertension. <i>American Journal of Human Genetics</i> , 2006 , 79, 323-31	11	20
141	ADEPt, a semantically-enriched pipeline for extracting adverse drug events from free-text electronic health records. <i>PLoS ONE</i> , 2017 , 12, e0187121	3.7	19
140	Microduplications at the pseudoautosomal SHOX locus in autism spectrum disorders and related neurodevelopmental conditions. <i>Journal of Medical Genetics</i> , 2016 , 53, 536-47	5.8	19
139	Real-world implementation of precision psychiatry: Transdiagnostic risk calculator for the automatic detection of individuals at-risk of psychosis. <i>Schizophrenia Research</i> , 2021 , 227, 52-60	3.6	19
138	Evaluation and Improvement of the National Early Warning Score (NEWS2) for COVID-19: a multi-hospital study		18
137	Loss of Trem2 in microglia leads to widespread disruption of cell coexpression networks in mouse brain. <i>Neurobiology of Aging</i> , 2018 , 69, 151-166	5.6	17

136	Risk prediction for poor outcome and death in hospital in-patients with COVID-19: derivation in Wuhan, China and external validation in London, UK		17
135	An epigenome-wide association study of Alzheimer's disease blood highlights robust DNA hypermethylation in the HOXB6 gene. <i>Neurobiology of Aging</i> , 2020 , 95, 26-45	5.6	17
134	Obesity during the COVID-19 pandemic: both cause of high risk and potential effect of lockdown? A population-based electronic health record study. <i>Public Health</i> , 2021 , 191, 41-47	4	16
133	Genetic and environmental risk factors for rheumatoid arthritis in a UK African ancestry population: the GENRA case-control study. <i>Rheumatology</i> , 2017 , 56, 1282-1292	3.9	15
132	Transcriptomics and the mechanisms of antidepressant efficacy. <i>European Neuropsychopharmacology</i> , 2016 , 26, 105-112	1.2	15
131	Integrated lipidomics and proteomics network analysis highlights lipid and immunity pathways associated with Alzheimer's disease. <i>Translational Neurodegeneration</i> , 2020 , 9, 36	10.3	15
130	Association of physical health multimorbidity with mortality in people with schizophrenia spectrum disorders: Using a novel semantic search system that captures physical diseases in electronic patient records. <i>Schizophrenia Research</i> , 2020 , 216, 408-415	3.6	14
129	Filaggrin mutations are associated with ichthyosis vulgaris in the Bangladeshi population. <i>British Journal of Dermatology</i> , 2009 , 160, 1113-5	4	13
128	Multi-domain clinical natural language processing with MedCAT: The Medical Concept Annotation Toolkit. <i>Artificial Intelligence in Medicine</i> , 2021 , 117, 102083	7.4	13
127	Alzheimer's disease: are blood and brain markers related? A systematic review. <i>Annals of Clinical and Translational Neurology</i> , 2016 , 3, 455-62	5.3	13
126	A Knowledge-Based Machine Learning Approach to Gene Prioritisation in Amyotrophic Lateral Sclerosis. <i>Genes</i> , 2020 , 11,	4.2	12
125	NGSeasy: a next generation sequencing pipeline in Docker containers. <i>F1000Research</i> , 4 , 997	3.6	12
124	Genetic meta-analysis identifies 9 novel loci and functional pathways for Alzheimer's disease risk		12
123	A Novel Automated High-Content Analysis Workflow Capturing Cell Population Dynamics from Induced Pluripotent Stem Cell Live Imaging Data. <i>Journal of Biomolecular Screening</i> , 2016 , 21, 887-96		12
122	A Blood Test for Alzheimer's Disease: Progress, Challenges, and Recommendations. <i>Journal of Alzheimer's Disease</i> , 2018 , 64, S289-S297	4.3	11
121	Tract Based Spatial Statistic Reveals No Differences in White Matter Microstructural Organization between Carriers and Non-Carriers of the APOE e4 and e2 Alleles in Young Healthy Adolescents. <i>Journal of Alzheimer's Disease</i> , 2015 , 47, 977-84	4.3	11
120	Human-Centered Design Strategies for Device Selection in mHealth Programs: Development of a Novel Framework and Case Study. <i>JMIR MHealth and UHealth</i> , 2020 , 8, e16043	5.5	11
119	Implementation of a Real-Time Psychosis Risk Detection and Alerting System Based on Electronic Health Records using CogStack. <i>Journal of Visualized Experiments</i> , 2020 ,	1.6	10

118	Improving RNN with Attention and Embedding for Adverse Drug Reactions 2017 ,		10
117	Genome-wide association study of Alzheimer's disease CSF biomarkers in the EMIF-AD Multimodal Biomarker Discovery dataset. <i>Translational Psychiatry</i> , 2020 , 10, 403	8.6	10
116	RADAR-base 2018 ,		10
115	Lifestyle mediates the role of nutrient-sensing pathways in cognitive aging: cellular and epidemiological evidence. <i>Communications Biology</i> , 2020 , 3, 157	6.7	9
114	Network analysis of patient flow in two UK acute care hospitals identifies key sub-networks for A&E performance. <i>PLoS ONE</i> , 2017 , 12, e0185912	3.7	9
113	Linking Genetics of Brain Changes to Alzheimer's Disease: Sparse Whole Genome Association Scan of Regional MRI Volumes in the ADNI and AddNeuroMed Cohorts. <i>Journal of Alzheimer's Disease</i> , 2015 , 45, 851-64	4.3	9
112	Methods to assess the amenability of petroleum hydrocarbons to bioremediation. <i>Environmental Toxicology and Chemistry</i> , 2004 , 23, 929-37	3.8	9
111	Largest GWAS (N=1,126,563) of Alzheimer's Disease Implicates Microglia and Immune Cells		9
110	SleepSight 2016 ,		9
109	Semantic computational analysis of anticoagulation use in atrial fibrillation from real world data. <i>PLoS ONE</i> , 2019 , 14, e0225625	3.7	9
108	Brain Transcriptome Sequencing of a Natural Model of Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2017 , 9, 64	5.3	8
107	Analysis of diagnoses extracted from electronic health records in a large mental health case register. <i>PLoS ONE</i> , 2017 , 12, e0171526	3.7	8
106	Comparing Natural Language Processing Techniques for Alzheimer's Dementia Prediction in Spontaneous Speech		8
105	Dysregulated Antibody, Natural Killer Cell and Immune Mediator Profiles in Autoimmune Thyroid Diseases. <i>Cells</i> , 2020 , 9,	7.9	7
104	Information capture using SNPs from HapMap and whole-genome chips differs in a sample of inflammatory and cardiovascular gene-centric regions from genome-wide estimates. <i>Genome Research</i> , 2007 , 17, 1596-602	9.7	7
103	Novel protein vaccine candidates against Group B streptococcal infection identified using alkaline phosphatase fusions. <i>FEMS Microbiology Letters</i> , 2003 , 222, 263-71	2.9	7
102	A patient flow simulator for healthcare management education. <i>BMJ Simulation and Technology Enhanced Learning</i> , 2019 , 5, 46-48	1.1	7
101	ALSGeneScanner: a pipeline for the analysis and interpretation of DNA sequencing data of ALS patients. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2019 , 20, 207-215	3.6	6

100	UK phenomics platform for developing and validating EHR phenotypes: CALIBER		6
99	Working Towards a Blood-Derived Gene Expression Biomarker Specific for Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2020 , 74, 545-561	4.3	6
98	Relationship Between Major Depression Symptom Severity and Sleep Collected Using a Wristband Wearable Device: Multicenter Longitudinal Observational Study. <i>JMIR MHealth and UHealth</i> , 2021 , 9, e24604	5.5	6
97	Predicting Depressive Symptom Severity Through Individuals' Nearby Bluetooth Device Count Data Collected by Mobile Phones: Preliminary Longitudinal Study. <i>JMIR MHealth and UHealth</i> , 2021 , 9, e29840	5.5	6
96	Mendelian randomization identifies blood metabolites previously linked to midlife cognition as causal candidates in Alzheimer's disease. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2021 , 118,	11.5	6
95	Measuring the effect of Non-Pharmaceutical Interventions (NPIs) on mobility during the COVID-19 pandemic using global mobility data. <i>Npj Digital Medicine</i> , 2021 , 4, 81	15.7	6
94	The side effect profile of Clozapine in real world data of three large mental health hospitals. <i>PLoS ONE</i> , 2020 , 15, e0243437	3.7	5
93	MedCATTrainer: A Biomedical Free Text Annotation Interface with Active Learning and Research Use Case Specific Customisation 2019 ,		5
92	RADAR-base 2018 ,		5
91	BBGRE: brain and body genetic resource exchange. <i>Database: the Journal of Biological Databases and Curation</i> , 2013 , 2013, bat067	5	4
90	Structural variation analysis of 6,500 whole genome sequences in amyotrophic lateral sclerosis.. <i>Npj Genomic Medicine</i> , 2022 , 7, 8	6.2	4
89	Thermodynamic Model for Fluid-Fluid Interfacial Areas in Porous Media for Arbitrary Drainage-Imbibition Sequences. <i>Vadose Zone Journal</i> , 2008 , 7, 966-971	2.7	4
88	Efficient Reuse of Natural Language Processing Models for Phenotype-Mention Identification in Free-text Electronic Medical Records: A Phenotype Embedding Approach. <i>JMIR Medical Informatics</i> , 2019 , 7, e14782	3.6	4
87	Using Smartphones and Wearable Devices to Monitor Behavioral Changes During COVID-19 (Preprint)		4
86	Mining Social Media Data to Study the Consequences of Dementia Diagnosis on Caregivers and Relatives. <i>Dementia and Geriatric Cognitive Disorders</i> , 2020 , 49, 295-302	2.6	4
85	Dickkopf-1 Overexpression in vitro Nominates Candidate Blood Biomarkers Relating to Alzheimer's Disease Pathology. <i>Journal of Alzheimer's Disease</i> , 2020 , 77, 1353-1368	4.3	4
84	TMEM106B and CPOX are genetic determinants of cerebrospinal fluid Alzheimer's disease biomarker levels. <i>Alzheimer's and Dementia</i> , 2021 , 17, 1628-1640	1.2	4
83	Pre-existing cardiovascular disease rather than cardiovascular risk factors drives mortality in COVID-19. <i>BMC Cardiovascular Disorders</i> , 2021 , 21, 327	2.3	4

82	Transforming and evaluating electronic health record disease phenotyping algorithms using the OMOP common data model: a case study in heart failure. <i>JAMIA Open</i> , 2021 , 4, ooab001	2.9	4
81	Identifying adults at high-risk for change in weight and BMI in England: a longitudinal, large-scale, population-based cohort study using electronic health records. <i>Lancet Diabetes and Endocrinology</i> , 2021 , 9, 681-694	18.1	4
80	Promoting workplace health and safety in urban public space: reflections from Durban, South Africa. <i>Environment and Urbanization</i> , 2016 , 28, 391-404	3.7	3
79	The Association Between Home Stay and Symptom Severity in Major Depressive Disorder: Preliminary Findings From a Multicenter Observational Study Using Geolocation Data From Smartphones.. <i>JMIR MHealth and UHealth</i> , 2022 , 10, e28095	5.5	3
78	Digital health tools for the passive monitoring of depression: a systematic review of methods.. <i>Npj Digital Medicine</i> , 2022 , 5, 3	15.7	3
77	CohortExplorer: A Generic Application Programming Interface for Entity Attribute Value Database Schemas. <i>JMIR Medical Informatics</i> , 2014 , 2, e32	3.6	3
76	An informatics consult approach for generating clinical evidence for treatment decisions. <i>BMC Medical Informatics and Decision Making</i> , 2021 , 21, 281	3.6	3
75	Remote Assessment of Disease and Relapse in Epilepsy: Protocol for a Multicenter Prospective Cohort Study. <i>JMIR Research Protocols</i> , 2020 , 9, e21840	2	3
74	T97. REAL WORLD IMPLEMENTATION OF A TRANSDIAGNOSTIC RISK CALCULATOR FOR THE AUTOMATIC DETECTION OF INDIVIDUALS AT RISK OF PSYCHOSIS IN CLINICAL ROUTINE. <i>Schizophrenia Bulletin</i> , 2020 , 46, S268-S268	1.3	3
73	A prospective, randomized, single-blinded, crossover trial to investigate the effect of a wearable device in addition to a daily symptom diary for the remote early detection of SARS-CoV-2 infections (COVID-RED): a structured summary of a study protocol for a randomized controlled trial. <i>Trials</i> , 2021 , 22, 412	2.8	3
72	DGLinker: flexible knowledge-graph prediction of disease-gene associations. <i>Nucleic Acids Research</i> , 2021 , 49, W153-W161	20.1	3
71	Cognitive Trajectories in Comorbid Dementia With Schizophrenia or Bipolar Disorder: The South London and Maudsley NHS Foundation Trust Biomedical Research Centre (SLaM BRC) Case Register. <i>American Journal of Geriatric Psychiatry</i> , 2021 , 29, 604-616	6.5	3
70	Multimorbidity Patterns and Memory Trajectories in Older Adults: Evidence From the English Longitudinal Study of Aging. <i>Journals of Gerontology - Series A Biological Sciences and Medical Sciences</i> , 2021 , 76, 867-875	6.4	3
69	Detecting epistasis in the presence of linkage disequilibrium: A focused comparison 2013 ,		2
68	SemEHR: surfacing semantic data from clinical notes in electronic health records for tailored care, trial recruitment, and clinical research. <i>Lancet, The</i> , 2017 , 390, S97	4.0	2
67	No Evidence to Suggest that the Use of Acetylcholinesterase Inhibitors Confounds the Results of Two Blood-Based Biomarker Studies in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015 , 47, 741-50	4.3	2
66	Fitbeat: COVID-19 estimation based on wristband heart rate using a contrastive convolutional auto-encoder. <i>Pattern Recognition</i> , 2022 , 123, 108403	7.7	2
65	Proteomic blood profiling in mild, severe and critical COVID-19 patients		2

64	A Meta-Analysis of Alzheimer's Disease Brain Transcriptomic Data		2
63	RADAR-base 2018,		2
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