

Richard Dobson

List of Publications by Year in descending order

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Version: 2024-02-01

223
papers

20,979
citations

38660

50
h-index

11581

135
g-index

293
all docs

293
docs citations

293
times ranked

31744
citing authors

#	ARTICLE	IF	CITATIONS
1	Genome-wide association study of 14,000 cases of seven common diseases and 3,000 shared controls. <i>Nature</i> , 2007, 447, 661-678.	13.7	8,895
2	Genome-wide meta-analysis identifies new loci and functional pathways influencing Alzheimer's disease risk. <i>Nature Genetics</i> , 2019, 51, 404-413.	9.4	1,625
3	Functional annotation of the human brain methylome identifies tissue-specific epigenetic variation across brain and blood. <i>Genome Biology</i> , 2012, 13, R43.	13.9	585
4	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.	9.4	430
5	Genome-wide Association Study Identifies Genes for Biomarkers of Cardiovascular Disease: Serum Urate and Dyslipidemia. <i>American Journal of Human Genetics</i> , 2008, 82, 139-149.	2.6	397
6	Retinoic Acid-Induced Pancreatic Stellate Cell Quiescence Reduces Paracrine Wnt- β -Catenin Signaling to Slow Tumor Progression. <i>Gastroenterology</i> , 2011, 141, 1486-1497.e14.	0.6	316
7	SLC2A9 Is a High-Capacity Urate Transporter in Humans. <i>PLoS Medicine</i> , 2008, 5, e197.	3.9	305
8	Genome-wide mapping of human loci for essential hypertension. <i>Lancet</i> , The, 2003, 361, 2118-2123.	6.3	247
9	Genome-wide analysis of allelic expression imbalance in human primary cells by high-throughput transcriptome resequencing. <i>Human Molecular Genetics</i> , 2010, 19, 122-134.	1.4	197
10	Clusterin regulates β -amyloid toxicity via Dickkopf-1-driven induction of the wnt-PCP-JNK pathway. <i>Molecular Psychiatry</i> , 2014, 19, 88-98.	4.1	197
11	Identification of Major Outer Surface Proteins of <i>Streptococcus agalactiae</i> . <i>Infection and Immunity</i> , 2002, 70, 1254-1259.	1.0	187
12	Alzheimer's disease biomarker discovery using SOMAscan multiplexed protein technology. <i>Alzheimer's and Dementia</i> , 2014, 10, 724-734.	0.4	182
13	Plasma proteins predict conversion to dementia from prodromal disease. <i>Alzheimer's and Dementia</i> , 2014, 10, 799.	0.4	180
14	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, 2288-2296.	1.4	170
15	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.	0.8	169
16	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.	1.0	163
17	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.	2.9	163
18	Candidate Blood Proteome Markers of Alzheimer's Disease Onset and Progression: A Systematic Review and Replication Study. <i>Journal of Alzheimer's Disease</i> , 2013, 38, 515-531.	1.2	160

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19	Blood Pressure Loci Identified with a Gene-Centric Array. American Journal of Human Genetics, 2011, 89, 688-700.	2.6	159
20	Using Smartphones and Wearable Devices to Monitor Behavioral Changes During COVID-19. Journal of Medical Internet Research, 2020, 22, e19992.	2.1	155
21	Combining clinical variables to optimize prediction of antidepressant treatment outcomes. Journal of Psychiatric Research, 2016, 78, 94-102.	1.5	149
22	RADAR-Base: Open Source Mobile Health Platform for Collecting, Monitoring, and Analyzing Data Using Sensors, Wearables, and Mobile Devices. JMIR MHealth and UHealth, 2019, 7, e11734.	1.8	147
23	The Effects of ARBs, ACEis, and Statins on Clinical Outcomes of COVID-19 Infection Among Nursing Home Residents. Journal of the American Medical Directors Association, 2020, 21, 909-914.e2.	1.2	145
24	Association of blood lipids with Alzheimer's disease: A comprehensive lipidomics analysis. Alzheimer's and Dementia, 2017, 13, 140-151.	0.4	144
25	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
26	Mitochondrial Dysfunction and Immune Activation are Detectable in Early Alzheimer's Disease Blood. Journal of Alzheimer's Disease, 2012, 30, 685-710.	1.2	141
27	Mitochondrial genes are altered in blood early in Alzheimer's disease. Neurobiology of Aging, 2017, 53, 36-47.	1.5	132
28	Circulating Proteomic Signatures of Chronological Age. Journals of Gerontology - Series A Biological Sciences and Medical Sciences, 2015, 70, 809-816.	1.7	106
29	Plasma lipidomics analysis finds long chain cholesteryl esters to be associated with Alzheimer's disease. Translational Psychiatry, 2015, 5, e494-e494.	2.4	105
30	Male-Biased Autosomal Effect of 16p13.11 Copy Number Variation in Neurodevelopmental Disorders. PLoS ONE, 2013, 8, e61365.	1.1	101
31	Targeting 160 Candidate Genes for Blood Pressure Regulation with a Genome-Wide Genotyping Array. PLoS ONE, 2009, 4, e6034.	1.1	98
32	Identification of cis-regulatory variation influencing protein abundance levels in human plasma. Human Molecular Genetics, 2012, 21, 3719-3726.	1.4	94
33	Haplotypes of the WNK1 gene associate with blood pressure variation in a severely hypertensive population from the British Genetics of Hypertension study. Human Molecular Genetics, 2005, 14, 1805-1814.	1.4	91
34	A Blood Gene Expression Marker of Early Alzheimer's Disease. Journal of Alzheimer's Disease, 2013, 33, 737-753.	1.2	91
35	Plasma Based Markers of [11C] PiB-PET Brain Amyloid Burden. PLoS ONE, 2012, 7, e44260.	1.1	89
36	Knockdown of the psychosis susceptibility gene ZNF804A alters expression of genes involved in cell adhesion. Human Molecular Genetics, 2012, 21, 1018-1024.	1.4	87

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37	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, 235-248.	1.6	86
38	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.	1.5	86
39	Multi-domain clinical natural language processing with MedCAT: The Medical Concept Annotation Toolkit. <i>Artificial Intelligence in Medicine</i> , 2021, 117, 102083.	3.8	86
40	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.	2.2	82
41	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.	1.2	80
42	Evaluation and improvement of the National Early Warning Score (NEWS2) for COVID-19: a multi-hospital study. <i>BMC Medicine</i> , 2021, 19, 23.	2.3	80
43	Genetics of essential hypertension. <i>Human Molecular Genetics</i> , 2004, 13, 169R-175.	1.4	75
44	Predicting deleterious nsSNPs: an analysis of sequence and structural attributes. <i>BMC Bioinformatics</i> , 2006, 7, 217.	1.2	74
45	Crowdsourced estimation of cognitive decline and resilience in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2016, 12, 645-653.	0.4	72
46	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.	1.2	72
47	Transcriptomic analysis of probable asymptomatic and symptomatic alzheimer brains. <i>Brain, Behavior, and Immunity</i> , 2019, 80, 644-656.	2.0	72
48	Proteomic blood profiling in mild, severe and critical COVID-19 patients. <i>Scientific Reports</i> , 2021, 11, 6357.	1.6	72
49	Knowledge graph prediction of unknown adverse drug reactions and validation in electronic health records. <i>Scientific Reports</i> , 2017, 7, 16416.	1.6	69
50	Digital health tools for the passive monitoring of depression: a systematic review of methods. <i>Npj Digital Medicine</i> , 2022, 5, 3.	5.7	66
51	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.	1.1	62
52	The EMIF-AD Multimodal Biomarker Discovery study: design, methods and cohort characteristics. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 64.	3.0	62
53	The language of mental health problems in social media. , 2016, , .		60
54	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.	0.7	54

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55	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.	1.2	51
56	Antidepressant drug-specific prediction of depression treatment outcomes from genetic and clinical variables. <i>Scientific Reports</i> , 2018, 8, 5530.	1.6	51
57	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.	1.5	51
58	Two-dimensional genome-scan identifies novel epistatic loci for essential hypertension. <i>Human Molecular Genetics</i> , 2006, 15, 1365-1374.	1.4	50
59	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.	1.2	50
60	Homozygous Mutations in the 5 ϵ 2 Region of the JUP Gene Result in Cutaneous Disease but Normal Heart Development in Children. <i>Journal of Investigative Dermatology</i> , 2010, 130, 1543-1550.	0.3	49
61	Blood Protein Markers of Neocortical Amyloid- β Burden: A Candidate Study Using SOMAscan Technology. <i>Journal of Alzheimer's Disease</i> , 2015, 46, 947-961.	1.2	49
62	Real-time assessment of COVID-19 prevalence among multiple sclerosis patients: a multicenter European study. <i>Neurological Sciences</i> , 2020, 41, 1647-1650.	0.9	48
63	Determination of NAPL ϵ Water Interfacial Areas in Well-Characterized Porous Media. <i>Environmental Science & Technology</i> , 2006, 40, 815-822.	4.6	47
64	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, 395-405.	1.2	47
65	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.	1.8	46
66	Polymorphisms in the WNK1 Gene Are Associated with Blood Pressure Variation and Urinary Potassium Excretion. <i>PLoS ONE</i> , 2009, 4, e5003.	1.1	43
67	Calibrating Longitudinal Cognition in Alzheimer's Disease Across Diverse Test Batteries and Datasets. <i>Neuroepidemiology</i> , 2014, 43, 194-205.	1.1	43
68	A Pathway Based Classification Method for Analyzing Gene Expression for Alzheimer's Disease Diagnosis. <i>Journal of Alzheimer's Disease</i> , 2015, 49, 659-669.	1.2	43
69	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.	2.4	42
70	Remote Assessment of Disease and Relapse in Major Depressive Disorder (RADAR-MDD): recruitment, retention, and data availability in a longitudinal remote measurement study. <i>BMC Psychiatry</i> , 2022, 22, 136.	1.1	42
71	Microdeletions of <i>ELP4</i> Are Associated with Language Impairment, Autism Spectrum Disorder, and Mental Retardation. <i>Human Mutation</i> , 2015, 36, 842-850.	1.1	41
72	Complement Biomarkers as Predictors of Disease Progression in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 707-716.	1.2	41

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73	ADEPt, a semantically-enriched pipeline for extracting adverse drug events from free-text electronic health records. PLoS ONE, 2017, 12, e0187121.	1.1	41
74	Are Blood-Based Protein Biomarkers for Alzheimer's Disease also Involved in Other Brain Disorders? A Systematic Review. Journal of Alzheimer's Disease, 2014, 43, 303-314.	1.2	40
75	Plasma protein biomarkers of Alzheimer's disease endophenotypes in asymptomatic older twins: early cognitive decline and regional brain volumes. Translational Psychiatry, 2015, 5, e584-e584.	2.4	39
76	Real World Implementation of a Transdiagnostic Risk Calculator for the Automatic Detection of Individuals at Risk of Psychosis in Clinical Routine: Study Protocol. Frontiers in Psychiatry, 2019, 10, 109.	1.3	39
77	Aurora kinase A (AURKA) interaction with Wnt and Ras-MAPK signalling pathways in colorectal cancer. Scientific Reports, 2018, 8, 7522.	1.6	38
78	The performance of wearable sensors in the detection of SARS-CoV-2 infection: a systematic review. The Lancet Digital Health, 2022, 4, e370-e383.	5.9	38
79	Integrated lipidomics and proteomics network analysis highlights lipid and immunity pathways associated with Alzheimer's disease. Translational Neurodegeneration, 2020, 9, 36.	3.6	37
80	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. Lancet Diabetes and Endocrinology, 2021, 9, 681-694.	5.5	37
81	Relationship Between Major Depression Symptom Severity and Sleep Collected Using a Wristband Wearable Device: Multicenter Longitudinal Observational Study. JMIR MHealth and UHealth, 2021, 9, e24604.	1.8	35
82	Mendelian randomization identifies blood metabolites previously linked to midlife cognition as causal candidates in Alzheimer's disease. Proceedings of the National Academy of Sciences of the United States of America, 2021, 118, .	3.3	35
83	Measuring the effect of Non-Pharmaceutical Interventions (NPIs) on mobility during the COVID-19 pandemic using global mobility data. Npj Digital Medicine, 2021, 4, 81.	5.7	34
84	Chromosome 2p Shows Significant Linkage to Antihypertensive Response in the British Genetics of Hypertension Study. Hypertension, 2006, 47, 603-608.	1.3	33
85	Obesity during the COVID-19 pandemic: both cause of high risk and potential effect of lockdown? A population-based electronic health record study. Public Health, 2021, 191, 41-47.	1.4	33
86	Exploring the role of drug-metabolising enzymes in antidepressant side effects. Psychopharmacology, 2015, 232, 2609-2617.	1.5	31
87	Immune signatures and disorder-specific patterns in a cross-disorder gene expression analysis. British Journal of Psychiatry, 2016, 209, 202-208.	1.7	31
88	Unmanned Aerial Vehicle (UAV)-Based Assessment of Concrete Bridge Deck Delamination Using Thermal and Visible Camera Sensors: A Preliminary Analysis. Research in Nondestructive Evaluation, 2018, 29, 183-198.	0.5	31
89	Human-Centered Design Strategies for Device Selection in mHealth Programs: Development of a Novel Framework and Case Study. JMIR MHealth and UHealth, 2020, 8, e16043.	1.8	31
90	Longitudinal Protein Changes in Blood Plasma Associated with the Rate of Cognitive Decline in Alzheimer's Disease. Journal of Alzheimer's Disease, 2016, 49, 1105-1114.	1.2	30

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91	Trajectories of dementia-related cognitive decline in a large mental health records derived patient cohort. PLoS ONE, 2017, 12, e0178562.	1.1	30
92	Real-world implementation of precision psychiatry: Transdiagnostic risk calculator for the automatic detection of individuals at-risk of psychosis. Schizophrenia Research, 2021, 227, 52-60.	1.1	30
93	The side effect profile of Clozapine in real world data of three large mental health hospitals. PLoS ONE, 2020, 15, e0243437.	1.1	28
94	Lifestyle mediates the role of nutrient-sensing pathways in cognitive aging: cellular and epidemiological evidence. Communications Biology, 2020, 3, 157.	2.0	27
95	Microduplications at the pseudoautosomal <i>SHOX</i> locus in autism spectrum disorders and related neurodevelopmental conditions. Journal of Medical Genetics, 2016, 53, 536-547.	1.5	26
96	Predicting Depressive Symptom Severity Through Individuals' Nearby Bluetooth Device Count Data Collected by Mobile Phones: Preliminary Longitudinal Study. JMIR MHealth and UHealth, 2021, 9, e29840.	1.8	26
97	A Subset of Cerebrospinal Fluid Proteins from a Multi-Analyte Panel Associated with Brain Atrophy, Disease Classification and Prediction in Alzheimer's Disease. PLoS ONE, 2015, 10, e0134368.	1.1	26
98	Fitbeat: COVID-19 estimation based on wristband heart rate using a contrastive convolutional auto-encoder. Pattern Recognition, 2022, 123, 108403.	5.1	26
99	Longitudinal Relationships Between Depressive Symptom Severity and Phone-Measured Mobility: Dynamic Structural Equation Modeling Study. JMIR Mental Health, 2022, 9, e34898.	1.7	26
100	Loss of Trem2 in microglia leads to widespread disruption of cell coexpression networks in mouse brain. Neurobiology of Aging, 2018, 69, 151-166.	1.5	25
101	TextHunter--A User Friendly Tool for Extracting Generic Concepts from Free Text in Clinical Research. AMIA ... Annual Symposium proceedings, 2014, 2014, 729-38.	0.2	25
102	Semantic computational analysis of anticoagulation use in atrial fibrillation from real world data. PLoS ONE, 2019, 14, e0225625.	1.1	24
103	TMEM106B and CPOX are genetic determinants of cerebrospinal fluid Alzheimer's disease biomarker levels. Alzheimer's and Dementia, 2021, 17, 1628-1640.	0.4	23
104	Inpatient COVID-19 mortality has reduced over time: Results from an observational cohort. PLoS ONE, 2022, 17, e0261142.	1.1	23
105	Structural variation analysis of 6,500 whole genome sequences in amyotrophic lateral sclerosis. Npj Genomic Medicine, 2022, 7, 8.	1.7	23
106	Linkage Analysis Using Co-Phenotypes in the BRIGHT Study Reveals Novel Potential Susceptibility Loci for Hypertension. American Journal of Human Genetics, 2006, 79, 323-331.	2.6	22
107	Increased Support for Linkage of a Novel Locus on Chromosome 5q13 for Essential Hypertension in the British Genetics of Hypertension Study. Hypertension, 2006, 48, 105-111.	1.3	22
108	Pre-existing cardiovascular disease rather than cardiovascular risk factors drives mortality in COVID-19. BMC Cardiovascular Disorders, 2021, 21, 327.	0.7	22

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109	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.	1.1	21
110	Comparing Natural Language Processing Techniques for Alzheimer's Dementia Prediction in Spontaneous Speech. , 0, , .		21
111	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.	1.1	20
112	Genome-Wide Association Study of Alzheimer's Disease Brain Imaging Biomarkers and Neuropsychological Phenotypes in the European Medical Information Framework for Alzheimer's Disease Multimodal Biomarker Discovery Dataset. <i>Frontiers in Aging Neuroscience</i> , 2022, 14, 840651.	1.7	20
113	Transcriptomics and the mechanisms of antidepressant efficacy. <i>European Neuropsychopharmacology</i> , 2016, 26, 105-112.	0.3	19
114	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, , .	0.2	19
115	DGLinker: flexible knowledge-graph prediction of disease-gene associations. <i>Nucleic Acids Research</i> , 2021, 49, W153-W161.	6.5	19
116	MedCATTrainer: A Biomedical Free Text Annotation Interface with Active Learning and Research Use Case Specific Customisation. , 2019, , .		19
117	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.	1.8	19
118	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.	0.9	18
119	Improving RNN with Attention and Embedding for Adverse Drug Reactions. , 2017, , .		18
120	Dysregulated Antibody, Natural Killer Cell and Immune Mediator Profiles in Autoimmune Thyroid Diseases. <i>Cells</i> , 2020, 9, 665.	1.8	18
121	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.	1.0	18
122	Tract Based Spatial Statistic Reveals No Differences in White Matter Microstructural Organization between Carriers and Non-Carriers of the APOE ε4 and ε2 Alleles in Young Healthy Adolescents. <i>Journal of Alzheimer's Disease</i> , 2015, 47, 977-984.	1.2	17
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, 887-896.	2.6	17
124	NGSeasy: a next generation sequencing pipeline in Docker containers. <i>F1000Research</i> , 0, 4, 997.	0.8	17
125	GEOexplorer: a webserver for gene expression analysis and visualisation. <i>Nucleic Acids Research</i> , 2022, 50, W367-W374.	6.5	17
126	RADAR-base. , 2018, , .		16

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127	A Knowledge-Based Machine Learning Approach to Gene Prioritisation in Amyotrophic Lateral Sclerosis. <i>Genes</i> , 2020, 11, 668.	1.0	16
128	Investigating the impact of COVID-19 lockdown on adults with a recent history of recurrent major depressive disorder: a multi-Centre study using remote measurement technology. <i>BMC Psychiatry</i> , 2021, 21, 435.	1.1	16
129	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.	1.7	16
130	SleepSight. , 2016, , .		15
131	A Blood Test for Alzheimer's Disease: Progress, Challenges, and Recommendations. <i>Journal of Alzheimer's Disease</i> , 2018, 64, S289-S297.	1.2	15
132	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.	0.7	15
133	Filaggrin mutations are associated with ichthyosis vulgaris in the Bangladeshi population. <i>British Journal of Dermatology</i> , 2009, 160, 1113-1115.	1.4	14
134	Alzheimer's disease: are blood and brain markers related? A systematic review. <i>Annals of Clinical and Translational Neurology</i> , 2016, 3, 455-462.	1.7	14
135	Brain Transcriptome Sequencing of a Natural Model of Alzheimer's Disease. <i>Frontiers in Aging Neuroscience</i> , 2017, 9, 64.	1.7	14
136	<i>SCFD1</i> expression quantitative trait loci in amyotrophic lateral sclerosis are differentially expressed. <i>Brain Communications</i> , 2021, 3, fcab236.	1.5	14
137	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.	0.7	13
138	Evaluation of antithrombotic use and COVID-19 outcomes in a nationwide atrial fibrillation cohort. <i>Heart</i> , 2022, 108, 923-931.	1.2	12
139	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.	1.1	11
140	Novel protein vaccine candidates against Group B streptococcal infection identified using alkaline phosphatase fusions. <i>FEMS Microbiology Letters</i> , 2003, 222, 263-271.	0.7	10
141	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, 851-864.	1.2	10
142	A patient flow simulator for healthcare management education. <i>BMJ Simulation and Technology Enhanced Learning</i> , 2019, 5, 46-48.	0.7	10
143	Remote Assessment of Lung Disease and Impact on Physical and Mental Health (RALPMH): Protocol for a Prospective Observational Study. <i>JMIR Research Protocols</i> , 2021, 10, e28873.	0.5	10
144	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.	1.3	10

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145	METHODS TO ASSESS THE AMENABILITY OF PETROLEUM HYDROCARBONS TO BIOREMEDIATION. Environmental Toxicology and Chemistry, 2004, 23, 929.	2.2	9
146	Working Towards a Blood-Derived Gene Expression Biomarker Specific for Alzheimer's Disease. Journal of Alzheimer's Disease, 2020, 74, 545-561.	1.2	9
147	Analysis of diagnoses extracted from electronic health records in a large mental health case register. PLoS ONE, 2017, 12, e0171526.	1.1	9
148	Metabolic correlates of late midlife cognitive outcomes: findings from the 1946 British Birth Cohort. Brain Communications, 2022, 4, fcab291.	1.5	9
149	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. Genome Research, 2007, 17, 1596-1602.	2.4	8
150	Cognitive Impairments in Schizophrenia: A Study in a Large Clinical Sample Using Natural Language Processing. Frontiers in Digital Health, 2021, 3, 711941.	1.5	8
151	An informatics consult approach for generating clinical evidence for treatment decisions. BMC Medical Informatics and Decision Making, 2021, 21, 281.	1.5	8
152	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
153	Dickkopf-1 Overexpression in vitro Nominates Candidate Blood Biomarkers Relating to Alzheimer's Disease Pathology. Journal of Alzheimer's Disease, 2020, 77, 1353-1368.	1.2	7
154	Estimating redundancy in clinical text. Journal of Biomedical Informatics, 2021, 124, 103938.	2.5	7
155	Predictors of engagement with remote sensing technologies for symptom measurement in Major Depressive Disorder. Journal of Affective Disorders, 2022, 310, 106-115.	2.0	7
156	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. American Journal of Geriatric Psychiatry, 2021, 29, 604-616.	0.6	6
157	Disentangling Independent and Mediated Causal Relationships Between Blood Metabolites, Cognitive Factors, and Alzheimer's Disease. Biological Psychiatry Global Open Science, 2022, 2, 167-179.	1.0	6
158	Thermodynamic Model for Fluid-Fluid Interfacial Areas in Porous Media for Arbitrary Drainage-Imbibition Sequences. Vadose Zone Journal, 2008, 7, 966-971.	1.3	6
159	RADAR-base., 2018, .		5
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