Thomas K Karikari

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/7861842/publications.pdf

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382 papers

20,740 citations

63 h-index 124 g-index

422 all docs 422 docs citations

times ranked

422

22377 citing authors

#	Article	IF	CITATIONS
1	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates Aβ, tau, immunity and lipid processing. Nature Genetics, 2019, 51, 414-430.	9.4	1,962
2	Analysis of shared heritability in common disorders of the brain. Science, 2018, 360, .	6.0	1,085
3	The emerging spectrum of COVID-19 neurology: clinical, radiological and laboratory findings. Brain, 2020, 143, 3104-3120.	3.7	880
4	New insights into the genetic etiology of Alzheimer's disease and related dementias. Nature Genetics, 2022, 54, 412-436.	9.4	700
5	Blood phosphorylated tau 181 as a biomarker for Alzheimer's disease: a diagnostic performance and prediction modelling study using data from four prospective cohorts. Lancet Neurology, The, 2020, 19, 422-433.	4.9	668
6	Posterior cortical atrophy. Lancet Neurology, The, 2012, 11, 170-178.	4.9	487
7	Strategic roadmap for an early diagnosis of Alzheimer's disease based on biomarkers. Lancet Neurology, The, 2017, 16, 661-676.	4.9	464
8	Diagnostic Value of Cerebrospinal Fluid Neurofilament Light Protein in Neurology. JAMA Neurology, 2019, 76, 1035.	4.5	455
9	Consensus classification of posterior cortical atrophy. Alzheimer's and Dementia, 2017, 13, 870-884.	0.4	423
10	Serum neurofilament light chain protein is a measure of disease intensity in frontotemporal dementia. Neurology, 2016, 87, 1329-1336.	1.5	354
11	Clinical variables and biomarkers in prediction of cognitive impairment in patients with newly diagnosed Parkinson's disease: a cohort study. Lancet Neurology, The, 2017, 16, 66-75.	4.9	304
12	Plasma p-tau231: a new biomarker for incipient Alzheimer's disease pathology. Acta Neuropathologica, 2021, 141, 709-724.	3.9	285
13	Uncovering the heterogeneity and temporal complexity of neurodegenerative diseases with Subtype and Stage Inference. Nature Communications, 2018, 9, 4273.	5.8	263
14	A data-driven model of biomarker changes in sporadic Alzheimer's disease. Brain, 2014, 137, 2564-2577.	3.7	243
15	Microglial activation and tau propagate jointly across Braak stages. Nature Medicine, 2021, 27, 1592-1599.	15.2	235
16	A multicentre validation study of the diagnostic value of plasma neurofilament light. Nature Communications, 2021, 12, 3400.	5.8	219
17	New insights into atypical Alzheimer's disease in the era of biomarkers. Lancet Neurology, The, 2021, 20, 222-234.	4.9	214
18	CSF neurofilament light differs in neurodegenerative diseases and predicts severity and survival. Neurology, 2014, 83, 1945-1953.	1.5	213

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19	Plasma p-tau181 accurately predicts Alzheimer's disease pathology at least 8Âyears prior to post-mortem and improves the clinical characterisation of cognitive decline. Acta Neuropathologica, 2020, 140, 267-278.	3.9	209
20	Serum neurofilament light in familial Alzheimer disease. Neurology, 2017, 89, 2167-2175.	1.5	204
21	Differences Between Plasma and Cerebrospinal Fluid Glial Fibrillary Acidic Protein Levels Across the Alzheimer Disease Continuum. JAMA Neurology, 2021, 78, 1471.	4.5	204
22	Novel tau biomarkers phosphorylated at T181, T217 or T231 rise in the initial stages of the preclinical Alzheimer's <i>continuum</i> when only subtle changes in Aβ pathology are detected. EMBO Molecular Medicine, 2020, 12, e12921.	3.3	202
23	Diagnostic performance and prediction of clinical progression of plasma phospho-tau181 in the Alzheimer's Disease Neuroimaging Initiative. Molecular Psychiatry, 2021, 26, 429-442.	4.1	186
24	Primary progressive aphasia: a clinical approach. Journal of Neurology, 2018, 265, 1474-1490.	1.8	185
25	Associations between blood pressure across adulthood and late-life brain structure and pathology in the neuroscience substudy of the 1946 British birth cohort (Insight 46): an epidemiological study. Lancet Neurology, The, 2019, 18, 942-952.	4.9	178
26	MRI visual rating scales in the diagnosis of dementia: evaluation in 184 post-mortem confirmed cases. Brain, 2016, 139, 1211-1225.	3.7	174
27	The diagnostic and prognostic capabilities of plasma biomarkers in Alzheimer's disease. Alzheimer's and Dementia, 2021, 17, 1145-1156.	0.4	174
28	Increased CSF neurogranin concentration is specific to Alzheimer disease. Neurology, 2016, 86, 829-835.	1.5	170
29	Molecular biomarkers of Alzheimer's disease: progress and prospects. DMM Disease Models and Mechanisms, $2018,11,.$	1.2	163
30	Characterization of tau positron emission tomography tracer [¹⁸ F]AVâ€1451 binding to postmortem tissue in Alzheimer's disease,Âprimary tauopathies, and other dementias. Alzheimer's and Dementia, 2016, 12, 1116-1124.	0.4	161
31	Assessing the onset of structural change in familial Alzheimer's disease. Annals of Neurology, 2003, 53, 181-188.	2.8	152
32	Cerebrospinal fluid tau and amyloid- \hat{l}^2 (sub>1-42in patients with dementia. Brain, 2015, 138, 2716-2731.	3.7	152
33	Increased brain atrophy rates in cognitively normal older adults with low cerebrospinal fluid Aβ1â€42. Annals of Neurology, 2010, 68, 825-834.	2.8	150
34	Longitudinal Associations of Blood Phosphorylated Tau181 and Neurofilament Light Chain With Neurodegeneration in Alzheimer Disease. JAMA Neurology, 2021, 78, 396.	4.5	146
35	Prevalence of amyloidâ \in $\hat{\mathfrak{l}}^2$ pathology in distinct variants of primary progressive aphasia. Annals of Neurology, 2018, 84, 729-740.	2.8	132
36	Time course of phosphorylated-tau181 in blood across the Alzheimer's disease spectrum. Brain, 2021, 144, 325-339.	3.7	124

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37	Identification of novel CSF biomarkers for neurodegeneration and their validation by a high-throughput multiplexed targeted proteomic assay. Molecular Neurodegeneration, 2015, 10, 64.	4.4	121
38	An update on blood-based biomarkers for non-Alzheimer neurodegenerative disorders. Nature Reviews Neurology, 2020, 16, 265-284.	4.9	121
39	Using visual rating to diagnose dementia: a critical evaluation of MRI atrophy scales. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 1225-1233.	0.9	114
40	Comparison of Plasma Phosphorylated Tau Species With Amyloid and Tau Positron Emission Tomography, Neurodegeneration, Vascular Pathology, and Cognitive Outcomes. JAMA Neurology, 2021, 78, 1108.	4.5	114
41	Data-driven models of dominantly-inherited Alzheimer's disease progression. Brain, 2018, 141, 1529-1544.	3.7	111
42	Familial Alzheimer's disease patient-derived neurons reveal distinct mutation-specific effects on amyloid beta. Molecular Psychiatry, 2020, 25, 2919-2931.	4.1	99
43	Blood phospho-tau in Alzheimer disease: analysis, interpretation, and clinical utility. Nature Reviews Neurology, 2022, 18, 400-418.	4.9	99
44	Clinical relevance of serum antibodies to extracellular $\langle i \rangle N \langle i \rangle$ -methyl-d-aspartate receptor epitopes. Journal of Neurology, Neurosurgery and Psychiatry, 2015, 86, 708-713.	0.9	97
45	<i>R47H TREM2</i> variant increases risk of typical earlyâ€onset Alzheimer's disease but not of prion or frontotemporal dementia. Alzheimer's and Dementia, 2014, 10, 602.	0.4	94
46	Learnings about the complexity of extracellular tau aid development of a bloodâ€based screen for Alzheimer's disease. Alzheimer's and Dementia, 2019, 15, 487-496.	0.4	94
47	Genetic risk factors for the posterior cortical atrophy variant of Alzheimer's disease. Alzheimer's and Dementia, 2016, 12, 862-871.	0.4	93
48	Diagnostic and prognostic value of serum NfL and p-Tau ₁₈₁ in frontotemporal lobar degeneration. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 960-967.	0.9	93
49	Pain and temperature processing in dementia: a clinical and neuroanatomical analysis. Brain, 2015, 138, 3360-3372.	3.7	90
50	Diagnostic and prognostic plasma biomarkers for preclinical Alzheimer's disease. Alzheimer's and Dementia, 2022, 18, 1141-1154.	0.4	89
51	Plasma biomarkers for Alzheimer's Disease in relation to neuropathology and cognitive change. Acta Neuropathologica, 2022, 143, 487-503.	3.9	89
52	Cortical microstructure in young onset Alzheimer's disease using neurite orientation dispersion and density imaging. Human Brain Mapping, 2018, 39, 3005-3017.	1.9	87
53	Practical approach to the diagnosis of adult-onset leukodystrophies: an updated guide in the genomic era. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 543-555.	0.9	87
54	Accelerated long-term forgetting in presymptomatic autosomal dominant Alzheimer's disease: a cross-sectional study. Lancet Neurology, The, 2018, 17, 123-132.	4.9	84

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55	Functional cognitive disorder: dementia's blind spot. Brain, 2020, 143, 2895-2903.	3.7	84
56	The validation status of blood biomarkers of amyloid and phospho-tau assessed with the 5-phase development framework for AD biomarkers. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 2140-2156.	3.3	83
57	ApoE influences regional white-matter axonal density loss in Alzheimer's disease. Neurobiology of Aging, 2017, 57, 8-17.	1.5	82
58	Headâ€ŧoâ€head comparison of clinical performance of CSF phosphoâ€ŧau T181 and T217 biomarkers for Alzheimer's disease diagnosis. Alzheimer's and Dementia, 2021, 17, 755-767.	0.4	81
59	Mild Cognitive Impairment: the Manchester consensus. Age and Ageing, 2021, 50, 72-80.	0.7	80
60	Cerebrospinal fluid in the differential diagnosis of Alzheimer's disease: clinical utility of an extended panel of biomarkers in a specialist cognitive clinic. Alzheimer's Research and Therapy, 2018, 10, 32.	3.0	79
61	Patterns of atrophy in pathologically confirmed dementias: a voxelwise analysis. Journal of Neurology, Neurosurgery and Psychiatry, 2017, 88, 908-916.	0.9	78
62	Plasma phospho-tau181 in presymptomatic and symptomatic familial Alzheimer's disease: a longitudinal cohort study. Molecular Psychiatry, 2021, 26, 5967-5976.	4.1	76
63	Abnormalities of fixation, saccade and pursuit in posterior cortical atrophy. Brain, 2015, 138, 1976-1991.	3.7	74
64	Clinical and genetic characterization of leukoencephalopathies in adults. Brain, 2017, 140, 1204-1211.	3.7	73
65	Biomarker modeling of Alzheimer's disease using PET-based Braak staging. Nature Aging, 2022, 2, 526-535.	5.3	73
66	Algorithms, atrophy and Alzheimer's disease: Cautionary tales for clinical trials. NeuroImage, 2011, 57, 15-18.	2.1	69
67	Diffuse axonal injury predicts neurodegeneration after moderate–severe traumatic brain injury. Brain, 2020, 143, 3685-3698.	3.7	69
68	White matter tract signatures of impaired social cognition in frontotemporal lobar degeneration. NeuroImage: Clinical, 2015, 8, 640-651.	1.4	65
69	Longitudinal measurement of serum neurofilament light in presymptomatic familial Alzheimer's disease. Alzheimer's Research and Therapy, 2019, 11, 19.	3.0	65
70	Cerebrospinal fluid p-tau231 as an early indicator of emerging pathology in Alzheimer's disease. EBioMedicine, 2022, 76, 103836.	2.7	65
71	Brain biopsy in dementia: clinical indications and diagnostic approach. Acta Neuropathologica, 2010, 120, 327-341.	3.9	64
72	Redefining the phenotype of ALSP and <i>AARS2</i> mutationâ€"related leukodystrophy. Neurology: Genetics, 2017, 3, e135.	0.9	64

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73	Study protocol: Insight 46 – a neuroscience sub-study of the MRC National Survey of Health and Development. BMC Neurology, 2017, 17, 75.	0.8	64
74	Longitudinal neuroanatomical and cognitive progression of posterior cortical atrophy. Brain, 2019, 142, 2082-2095.	3.7	64
75	Assessing atrophy measurement techniques in dementia: Results from the MIRIAD atrophy challenge. Neurolmage, 2015, 123, 149-164.	2.1	63
76	Effect of Race on Prediction of Brain Amyloidosis by Plasma AÎ ² 42/AÎ ² 40, Phosphorylated Tau, and Neurofilament Light. Neurology, 2022, 99, .	1.5	63
77	Selective vulnerability in neurodegeneration: insights from clinical variants of Alzheimer's disease. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 1000-1004.	0.9	62
78	Presymptomatic cortical thinning in familial Alzheimer disease. Neurology, 2016, 87, 2050-2057.	1.5	58
79	Genetic study of multimodal imaging Alzheimer's disease progression score implicates novel loci. Brain, 2018, 141, 2167-2180.	3.7	56
80	CSF Beta-amyloid 1–42 Concentration Predicts Delirium Following Elective Arthroplasty Surgery in an Observational Cohort Study. Annals of Surgery, 2019, 269, 1200-1205.	2.1	56
81	Associations Between Vascular Risk Across Adulthood and Brain Pathology in Late Life. JAMA Neurology, 2020, 77, 175.	4.5	55
82	Serum Glial Fibrillary Acidic Protein (GFAP) Is a Marker of Disease Severity in Frontotemporal Lobar Degeneration. Journal of Alzheimer's Disease, 2020, 77, 1129-1141.	1.2	55
83	Transitioning from cerebrospinal fluid to blood tests to facilitate diagnosis and disease monitoring in Alzheimer's disease. Journal of Internal Medicine, 2021, 290, 583-601.	2.7	54
84	OUP accepted manuscript. Brain, 2021, 144, 434-449.	3.7	54
85	Genetic determinants of white matter hyperintensities and amyloid angiopathy in familial Alzheimer's disease. Neurobiology of Aging, 2015, 36, 3140-3151.	1.5	53
86	Effects of preâ€analytical procedures on blood biomarkers for Alzheimer's pathophysiology, glial activation, and neurodegeneration. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12168.	1.2	52
87	Short echo time proton magnetic resonance spectroscopy in Alzheimer's disease: a longitudinal multiple time point study. Brain, 2010, 133, 3315-3322.	3.7	51
88	Population Screening for Variant Creutzfeldt-Jakob Disease Using a Novel Blood Test. JAMA Neurology, 2014, 71, 421.	4.5	51
89	Blood-based high sensitivity measurements of beta-amyloid and phosphorylated tau as biomarkers of Alzheimer's disease: a focused review on recent advances. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 1231-1241.	0.9	51
90	Eyetracking Metrics in Young Onset Alzheimer's Disease: A Window into Cognitive Visual Functions. Frontiers in Neurology, 2017, 8, 377.	1.1	50

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91	Associations of Fully Automated CSF and Novel Plasma Biomarkers With Alzheimer Disease Neuropathology at Autopsy. Neurology, 2021, 97, .	1.5	50
92	Auditory spatial processing in Alzheimer's disease. Brain, 2015, 138, 189-202.	3.7	49
93	Stability of bloodâ€based biomarkers of Alzheimer's disease over multiple freezeâ€thaw cycles. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2018, 10, 448-451.	1.2	49
94	Plasma neurofilament light and phosphorylated tau 181 as biomarkers of Alzheimer's disease pathology and clinical disease progression. Alzheimer's Research and Therapy, 2021, 13, 65.	3.0	49
95	The accuracy and robustness of plasma biomarker models for amyloid PET positivity. Alzheimer's Research and Therapy, 2022, 14, 26.	3.0	49
96	Auditory hedonic phenotypes in dementia: AÂbehavioural and neuroanatomical analysis. Cortex, 2015, 67, 95-105.	1,1	48
97	Aducanumab: a new phase in therapeutic development for Alzheimer's disease?. EMBO Molecular Medicine, 2021, 13, e14781.	3.3	47
98	Beyond the average patient: how neuroimaging models can address heterogeneity in dementia. Brain, 2021, 144, 2946-2953.	3.7	46
99	The Dementias Platform UK (DPUK) Data Portal. European Journal of Epidemiology, 2020, 35, 601-611.	2.5	45
100	A comprehensive analysis of methods for assessing polygenic burden on Alzheimer's disease pathology and risk beyond APOE. Brain Communications, 2020, 2, fcz047.	1.5	45
101	Bioinformatics in Africa: The Rise of Ghana?. PLoS Computational Biology, 2015, 11, e1004308.	1.5	45
102	Functional neuroanatomy of auditory scene analysis in Alzheimer's disease. NeuroImage: Clinical, 2015, 7, 699-708.	1.4	43
103	Cerebrospinal fluid soluble TREM2 levels in frontotemporal dementia differ by genetic and pathological subgroup. Alzheimer's Research and Therapy, 2018, 10, 79.	3.0	43
104	Serum and cerebrospinal fluid biomarker profiles in acute SARS-CoV-2-associated neurological syndromes. Brain Communications, 2021, 3, fcab099.	1.5	43
105	Humour processing in frontotemporal lobar degeneration: A behavioural and neuroanatomical analysis. Cortex, 2015, 69, 47-59.	1.1	42
106	Data-Driven Sequence of Changes to Anatomical Brain Connectivity in Sporadic Alzheimer's Disease. Frontiers in Neurology, 2017, 8, 580.	1.1	42
107	Introduction of Tau Oligomers into Cortical Neurons Alters Action Potential Dynamics and Disrupts Synaptic Transmission and Plasticity. ENeuro, 2019, 6, ENEURO.0166-19.2019.	0.9	42
108	Plasma pâ€ŧau231, pâ€ŧau181, <scp>PET</scp> Biomarkers, and Cognitive Change in Older Adults. Annals of Neurology, 2022, 91, 548-560.	2.8	42

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109	Susceptibility of brain atrophy to <i>TRIB3</i> in Alzheimer's disease, evidence from functional prioritization in imaging genetics. Proceedings of the National Academy of Sciences of the United States of America, 2018, 115, 3162-3167.	3.3	41
110	Plasma tau is increased in frontotemporal dementia. Journal of Neurology, Neurosurgery and Psychiatry, 2018, 89, 804-807.	0.9	41
111	Retinal thickness as potential biomarker in posterior cortical atrophy and typical Alzheimer's disease. Alzheimer's Research and Therapy, 2019, 11, 62.	3.0	40
112	Amyloid-beta 42 adsorption following serial tube transfer. Alzheimer's Research and Therapy, 2014, 6, 5.	3.0	39
113	Altered Sense of Humor in Dementia. Journal of Alzheimer's Disease, 2015, 49, 111-119.	1.2	39
114	Dissecting IWG-2 typical and atypical Alzheimer's disease: insights from cerebrospinal fluid analysis. Journal of Neurology, 2015, 262, 2722-2730.	1.8	39
115	Bilateral nucleus basalis of Meynert deep brain stimulation for dementia with Lewy bodies: A randomised clinical trial. Brain Stimulation, 2020, 13, 1031-1039.	0.7	39
116	Inflammation in Alzheimer's disease: insights from immunotherapy. Brain, 2013, 136, 2654-2656.	3.7	38
117	Cerebrospinal Fluid Biomarkers in Cerebral Amyloid Angiopathy. Journal of Alzheimer's Disease, 2020, 74, 1189-1201.	1.2	38
118	Association of Plasma p-tau181 and p-tau231 Concentrations With Cognitive Decline in Patients With Probable Dementia With Lewy Bodies. JAMA Neurology, 2022, 79, 32.	4.5	38
119	Social Factors Influencing Child Health in Ghana. PLoS ONE, 2016, 11, e0145401.	1.1	37
120	Using a birth cohort to study brain health and preclinical dementia: recruitment and participation rates in Insight 46. BMC Research Notes, 2018, 11, 885.	0.6	37
121	Cognition at age 70. Neurology, 2019, 93, e2144-e2156.	1.5	37
122	SILK studies â€" capturing the turnover of proteins linked to neurodegenerative diseases. Nature Reviews Neurology, 2019, 15, 419-427.	4.9	37
123	Differences in hippocampal subfield volume are seen in phenotypic variants of early onset Alzheimer's disease. Neurolmage: Clinical, 2019, 21, 101632.	1.4	37
124	AMYPAD Diagnostic and Patient Management Study: Rationale and design. Alzheimer's and Dementia, 2019, 15, 388-399.	0.4	37
125	Plasma Pâ€tau181 to Aî²42 ratio is associated with brain amyloid burden and hippocampal atrophy in an Asian cohort of Alzheimer's disease patients with concomitant cerebrovascular disease. Alzheimer's and Dementia, 2021, 17, 1649-1662.	0.4	37
126	Genetic Influences on Atrophy Patterns in Familial Alzheimer's Disease: A Comparison of APP and PSEN1 Mutations. Journal of Alzheimer's Disease, 2013, 35, 199-212.	1.2	36

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127	Prominent effects and neural correlates of visual crowding in a neurodegenerative disease population. Brain, 2014, 137, 3284-3299.	3.7	36
128	Distinct Conformations, Aggregation and Cellular Internalization of Different Tau Strains. Frontiers in Cellular Neuroscience, 2019, 13, 296.	1.8	36
129	Expression and purification of tau protein and its frontotemporal dementia variants using a cleavable histidine tag. Protein Expression and Purification, 2017, 130, 44-54.	0.6	35
130	Current concepts and controversies in the pathogenesis of Parkinson's disease dementia and Dementia with Lewy Bodies. F1000Research, 2017, 6, 1604.	0.8	35
131	Preparation of stable tau oligomers for cellular and biochemical studies. Analytical Biochemistry, 2019, 566, 67-74.	1.1	35
132	Association between polygenic risk score of Alzheimer's disease and plasma phosphorylated tau in individuals from the Alzheimer's Disease Neuroimaging Initiative. Alzheimer's Research and Therapy, 2021, 13, 17.	3.0	35
133	Amyloid processing in <scp>COVID</scp> â€19â€associated neurological syndromes. Journal of Neurochemistry, 2022, 161, 146-157.	2.1	35
134	Music Perception in Dementia. Journal of Alzheimer's Disease, 2016, 55, 933-949.	1.2	34
135	Assessment of the quality of groundwater for drinking purposes in the Upper West and Northern regions of Ghana. SpringerPlus, 2016, 5, 2001.	1.2	34
136	Acceleration of hippocampal atrophy rates in asymptomatic amyloidosis. Neurobiology of Aging, 2016, 39, 99-107.	1.5	34
137	Economic impacts of introducing diagnostics for mild cognitive impairment Alzheimer's disease patients. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2019, 5, 382-387.	1.8	34
138	Biomarkers for Alzheimer's disease beyond amyloid and tau. Nature Medicine, 2019, 25, 201-203.	15.2	34
139	Plasma pTau181 predicts cortical brain atrophy in aging and Alzheimer's disease. Alzheimer's Research and Therapy, 2021, 13, 69.	3.0	34
140	Comparing tau status determined via plasma pTau181, pTau231 and [18F]MK6240 tau-PET. EBioMedicine, 2022, 76, 103837.	2.7	34
141	Association of plasma P-tau181 with memory decline in non-demented adults. Brain Communications, 2021, 3, fcab136.	1.5	33
142	Phosphorylated tau181 in plasma as a potential biomarker for Alzheimer's disease in adults with Down syndrome. Nature Communications, 2021, 12, 4304.	5.8	33
143	Perspectives in fluid biomarkers in neurodegeneration from the 2019 biomarkers in neurodegenerative diseases course—a joint PhD student course at University College London and University of Gothenburg. Alzheimer's Research and Therapy, 2020, 12, 20.	3.0	32
144	Altered body schema processing in frontotemporal dementia with C9ORF72 mutations. Journal of Neurology, Neurosurgery and Psychiatry, 2014, 85, 1016-1023.	0.9	31

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145	Motor signatures of emotional reactivity in frontotemporal dementia. Scientific Reports, 2018, 8, 1030.	1.6	31
146	Commentary: Global, regional, and national burden of neurological disorders during 1990–2015: a systematic analysis for the Global Burden of Disease Study 2015. Frontiers in Neurology, 2018, 9, 201.	1.1	31
147	CSF synaptic protein concentrations are raised in those with atypical Alzheimer's disease but not frontotemporal dementia. Alzheimer's Research and Therapy, 2019, 11, 105.	3.0	31
148	Unsuccessful trials of therapies for Alzheimer's disease. Lancet, The, 2019, 393, 29.	6. 3	31
149	Building sustainable neuroscience capacity in Africa: the role of non-profit organisations. Metabolic Brain Disease, 2016, 31, 3-9.	1.4	30
150	CSF neurogranin or tau distinguish typical and atypical Alzheimer disease. Annals of Clinical and Translational Neurology, 2018, 5, 162-171.	1.7	30
151	Evaluation of plasma tau and neurofilament light chain biomarkers in a 12-year clinical cohort of human prion diseases. Molecular Psychiatry, 2021, 26, 5955-5966.	4.1	30
152	Use of plasma biomarkers for AT(N) classification of neurodegenerative dementias. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 1206-1214.	0.9	30
153	Pâ€ŧau235: a novel biomarker for staging preclinical Alzheimer's disease. EMBO Molecular Medicine, 2021, 13, e15098.	3.3	30
154	Motor Neuron Diseases in Sub-Saharan Africa: The Need for More Population-Based Studies. BioMed Research International, 2015, 2015, 1-9.	0.9	29
155	Blood Biomarkers for Alzheimer's Disease: Much Promise, Cautious Progress. Molecular Diagnosis and Therapy, 2017, 21, 13-22.	1.6	29
156	Developing expertise in bioinformatics for biomedical research in Africa. Applied & Translational Genomics, 2015, 6, 31-34.	2.1	28
157	Medicinal Plants Used in the Treatment of Mental and Neurological Disorders in Ghana. Evidence-based Complementary and Alternative Medicine, 2018, 2018, 1-14.	0.5	28
158	Blood biomarkers for Alzheimer's disease and related disorders. Acta Neurologica Scandinavica, 2022, 146, 51-55.	1.0	28
159	Cerebrospinal Fluid YKL-40 and Chitotriosidase Levels in Frontotemporal Dementia Vary by Clinical, Genetic and Pathological Subtype. Dementia and Geriatric Cognitive Disorders, 2020, 49, 56-76.	0.7	27
160	Hippocampal subfield volumes and pre-clinical Alzheimer's disease in 408 cognitively normal adults born in 1946. PLoS ONE, 2019, 14, e0224030.	1.1	26
161	Genetic testing in dementia — utility and clinical strategies. Nature Reviews Neurology, 2021, 17, 23-36.	4.9	26
162	Clinical reporting following the quantification of cerebrospinal fluid biomarkers in Alzheimer's disease: An international overview. Alzheimer's and Dementia, 2022, 18, 1868-1879.	0.4	26

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163	latrogenic cerebral amyloid angiopathy: an emerging clinical phenomenon. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 693-700.	0.9	26
164	New developments in mild cognitive impairment and Alzheimer's disease. Current Opinion in Neurology, 2006, 19, 552-558.	1.8	25
165	Using CSF biomarkers to replicate genetic associations in Alzheimer's disease. Neurobiology of Aging, 2012, 33, 1486.e9-1486.e15.	1.5	25
166	Functional neuroanatomy of spatial sound processing in Alzheimer's disease. Neurobiology of Aging, 2016, 39, 154-164.	1.5	25
167	Diagnostic value of serum versus plasma phospho-tau for Alzheimer's disease. Alzheimer's Research and Therapy, 2022, 14, 65.	3.0	25
168	ApoE4 lowers age at onset in patients with frontotemporal dementia and tauopathy independent of amyloid $\hat{\mathbb{C}}$ copathology. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2019, 11, 277-280.	1.2	24
169	Identification of environmental sounds and melodies in syndromes of anterior temporal lobe degeneration. Journal of the Neurological Sciences, 2015, 352, 94-98.	0.3	23
170	Searching for novel cerebrospinal fluid biomarkers of tau pathology in frontotemporal dementia: an elusive quest. Journal of Neurology, Neurosurgery and Psychiatry, 2019, 90, 740-746.	0.9	23
171	CSF biomarkers and plasma pâ€ŧau181 as predictors of longitudinal tau accumulation: Implications for clinical trial design. Alzheimer's and Dementia, 2022, 18, 2614-2626.	0.4	22
172	Dementias show differential physiological responses to salient sounds. Frontiers in Behavioral Neuroscience, 2015, 9, 73.	1.0	21
173	Neurogenomics: An opportunity to integrate neuroscience, genomics and bioinformatics research in Africa. Applied & Translational Genomics, 2015, 5, 3-10.	2.1	21
174	Physiological phenotyping of dementias using emotional sounds. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2015, 1 , 170-178.	1.2	21
175	Diagnosing Dementia in the Clinical Setting: Can Amyloid PET Provide Additional Value Over Cerebrospinal Fluid?. Journal of Alzheimer's Disease, 2016, 54, 1297-1302.	1.2	21
176	Amyloid \hat{l}^2 peptides are differentially vulnerable to preanalytical surface exposure, an effect incompletely mitigated by the use of ratios. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2018, 10, 311-321.	1.2	21
177	Inhibiting the Ca 2+ Influx Induced by Human CSF. Cell Reports, 2017, 21, 3310-3316.	2.9	20
178	The functional neuroanatomy of musical memory in Alzheimer's disease. Cortex, 2019, 115, 357-370.	1,1	20
179	Understanding the Pathophysiological Actions of Tau Oligomers: A Critical Review of Current Electrophysiological Approaches. Frontiers in Molecular Neuroscience, 2020, 13, 155.	1.4	20
180	A blood miRNA signature associates with sporadic Creutzfeldt-Jakob disease diagnosis. Nature Communications, 2020, 11, 3960.	5.8	20

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181	N-terminal and mid-region tau fragments as fluid biomarkers in neurological diseases. Brain, 2022, 145, 2834-2848.	3.7	20
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