## Thomas K Karikari

List of Publications by Year in descending order

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

Version: 2024-02-01

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	Cerebrospinal fluid metallomics in cerebral amyloid angiopathy: an exploratory analysis. Journal of Neurology, 2022, 269, 1470-1475.	3.6	5
2	Diagnostic and prognostic plasma biomarkers for preclinical Alzheimer's disease. Alzheimer's and Dementia, 2022, 18, 1141-1154.	0.8	89
3	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.	9.0	38
4	Plasma pâ€ŧau <sub>181</sub> shows stronger network association to Alzheimer's disease dementia than neurofilament light and total tau. Alzheimer's and Dementia, 2022, 18, 1523-1536.	0.8	18
5	N-terminal and mid-region tau fragments as fluid biomarkers in neurological diseases. Brain, 2022, 145, 2834-2848.	7.6	20
6	Plasma pâ€ŧau231, pâ€ŧau181, <scp>PET</scp> Biomarkers, and Cognitive Change in Older Adults. Annals of Neurology, 2022, 91, 548-560.	<b>5.</b> 3	42
7	Circulating Metabolome and White Matter Hyperintensities in Women and Men. Circulation, 2022, 145, 1040-1052.	1.6	17
8	Amyloid processing in <scp>COVID</scp> â€19â€associated neurological syndromes. Journal of Neurochemistry, 2022, 161, 146-157.	3.9	35
9	Cerebrospinal fluid p-tau231 as an early indicator of emerging pathology in Alzheimer's disease. EBioMedicine, 2022, 76, 103836.	6.1	65
10	The accuracy and robustness of plasma biomarker models for amyloid PET positivity. Alzheimer's Research and Therapy, 2022, 14, 26.	6.2	49
11	Comparing tau status determined via plasma pTau181, pTau231 and [18F]MK6240 tau-PET. EBioMedicine, 2022, 76, 103837.	6.1	34
12	A threeâ€range approach enhances the prognostic utility of CSF biomarkers in Alzheimer's disease. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2022, 8, e12270.	3.7	3
13	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.	0.8	22
14	Plasma biomarkers for Alzheimer's Disease in relation to neuropathology and cognitive change. Acta Neuropathologica, 2022, 143, 487-503.	7.7	89
15	CSF biomarkers for dementia. Practical Neurology, 2022, 22, 285-294.	1.1	3
16	Development of a sensitive trial-ready poly(GP) CSF biomarker assay for <i>C9orf72</i> -associated frontotemporal dementia and amyotrophic lateral sclerosis. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 761-771.	1.9	12
17	New insights into the genetic etiology of Alzheimer's disease and related dementias. Nature Genetics, 2022, 54, 412-436.	21.4	700
18	Clinical reporting following the quantification of cerebrospinal fluid biomarkers in Alzheimer's disease: An international overview. Alzheimer's and Dementia, 2022, 18, 1868-1879.	0.8	26

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19	Associations of $\hat{l}^2$ -Amyloid and Vascular Burden With Rates of Neurodegeneration in Cognitively Normal Members of the 1946 British Birth Cohort. Neurology, 2022, 99, .	1.1	12
20	Familial British dementia: a clinical and multi-modal imaging case study. Journal of Neurology, 2022, 269, 3926-3930.	3.6	2
21	Blood biomarkers for Alzheimer's disease and related disorders. Acta Neurologica Scandinavica, 2022, 146, 51-55.	2.1	28
22	Effect of Race on Prediction of Brain Amyloidosis by Plasma AÎ <sup>2</sup> 42/AÎ <sup>2</sup> 40, Phosphorylated Tau, and Neurofilament Light. Neurology, 2022, 99, .	1.1	63
23	Blood Tests for Alzheimer's Disease: Increasing Efforts to Expand and Diversify Research Participation Is Critical for Widespread Validation and Acceptance. Journal of Alzheimer's Disease, 2022, , 1-8.	2.6	8
24	Biomarker modeling of Alzheimer's disease using PET-based Braak staging. Nature Aging, 2022, 2, 526-535.	11.6	73
25	Alzheimer's Disease Plasma Biomarkers Distinguish Clinical Diagnostic Groups in Memory Clinic Patients. Dementia and Geriatric Cognitive Disorders, 2022, 51, 182-192.	1.5	16
26	Ante-mortem plasma phosphorylated tau (181) predicts Alzheimer's disease neuropathology and regional tau at autopsy. Brain, 2022, 145, 3546-3557.	7.6	15
27	Diagnostic value of serum versus plasma phospho-tau for Alzheimer's disease. Alzheimer's Research and Therapy, 2022, 14, 65.	6.2	25
28	Blood phospho-tau in Alzheimer disease: analysis, interpretation, and clinical utility. Nature Reviews Neurology, 2022, 18, 400-418.	10.1	99
29	latrogenic cerebral amyloid angiopathy: an emerging clinical phenomenon. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, 693-700.	1.9	26
30	Population-based blood screening for pre-clinical Alzheimer's disease: a British birth cohort at age 70. Journal of Neurology, Neurosurgery and Psychiatry, 2022, 93, A91.2-A91.	1.9	0
31	Investigating the use of plasma pTau181 in retired contact sports athletes. Journal of Neurology, 2022, 269, 5582-5595.	3.6	4
32	Comorbidities confound Alzheimer's blood tests. Nature Medicine, 2022, 28, 1349-1351.	30.7	12
33	Plasma phospho-tau181 in presymptomatic and symptomatic familial Alzheimer's disease: a longitudinal cohort study. Molecular Psychiatry, 2021, 26, 5967-5976.	7.9	76
34	A Clinicopathologic Study of Movement Disorders in Frontotemporal Lobar Degeneration. Movement Disorders, 2021, 36, 632-641.	3.9	3
35	Genetic testing in dementia — utility and clinical strategies. Nature Reviews Neurology, 2021, 17, 23-36.	10.1	26
36	Headâ€toâ€head comparison of clinical performance of CSF phosphoâ€tau T181 and T217 biomarkers for Alzheimer's disease diagnosis. Alzheimer's and Dementia, 2021, 17, 755-767.	0.8	81

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37	Time course of phosphorylated-tau181 in blood across the Alzheimer's disease spectrum. Brain, 2021, 144, 325-339.	7.6	124
38	Mild Cognitive Impairment: the Manchester consensus. Age and Ageing, 2021, 50, 72-80.	1.6	80
39	Diagnostic performance and prediction of clinical progression of plasma phospho-tau181 in the Alzheimer's Disease Neuroimaging Initiative. Molecular Psychiatry, 2021, 26, 429-442.	7.9	186
40	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.	2.4	52
41	Automated quantitative MRI volumetry reports support diagnostic interpretation in dementia: a multi-rater, clinical accuracy study. European Radiology, 2021, 31, 5312-5323.	4.5	19
42	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.	6.2	35
43	Concordance of CSF measures of Alzheimer's pathology with amyloid PET status in a preclinical cohort: A comparison of Lumipulse and established immunoassays. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12131.	2.4	19
44	Investigating the Relationship Between IGF-I, IGF-II, and IGFBP-3 Concentrations and Later-Life Cognition and Brain Volume. Journal of Clinical Endocrinology and Metabolism, 2021, 106, 1617-1629.	3.6	8
45	Plasma p-tau231: a new biomarker for incipient Alzheimer's disease pathology. Acta Neuropathologica, 2021, 141, 709-724.	7.7	285
46	Plasma Pâ€ŧau181 to Aβ42 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.	0.8	37
47	A populationâ€based study of head injury, cognitive function and pathological markers. Annals of Clinical and Translational Neurology, 2021, 8, 842-856.	3.7	5
48	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.	6.4	83
49	Synedrella nodiflora Extract Depresses Excitatory Synaptic Transmission and Chemically-Induced In Vitro Seizures in the Rat Hippocampus. Frontiers in Pharmacology, 2021, 12, 610025.	3.5	2
50	New insights into atypical Alzheimer's disease in the era of biomarkers. Lancet Neurology, The, 2021, 20, 222-234.	10.2	214
51	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.	6.2	49
52	Plasma pTau181 predicts cortical brain atrophy in aging and Alzheimer's disease. Alzheimer's Research and Therapy, 2021, 13, 69.	6.2	34
53	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.	7.9	30
54	When dementia is misdiagnosed. International Journal of Geriatric Psychiatry, 2021, 36, 799-801.	2.7	3

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55	Investigating the relationship between BMI across adulthood and late life brain pathologies. Alzheimer's Research and Therapy, 2021, 13, 91.	6.2	7
56	Plasma levels of phosphorylated tau 181 are associated with cerebral metabolic dysfunction in cognitively impaired and amyloid-positive individuals. Brain Communications, 2021, 3, fcab073.	3.3	15
57	Longitudinal Associations of Blood Phosphorylated Tau181 and Neurofilament Light Chain With Neurodegeneration in Alzheimer Disease. JAMA Neurology, 2021, 78, 396.	9.0	146
58	Beyond the average patient: how neuroimaging models can address heterogeneity in dementia. Brain, 2021, 144, 2946-2953.	7.6	46
59	KLâ^—VS heterozygosity reduces brain amyloid in asymptomatic at-risk APOEâ^—4 carriers. Neurobiology of Aging, 2021, 101, 123-129.	3.1	10
60	Subjective cognitive complaints at age 70: associations with amyloid and mental health. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 1215-1221.	1.9	16
61	Use of plasma biomarkers for AT(N) classification of neurodegenerative dementias. Journal of Neurology, Neurosurgery and Psychiatry, 2021, 92, 1206-1214.	1.9	30
62	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.	6.0	54
63	A multicentre validation study of the diagnostic value of plasma neurofilament light. Nature Communications, 2021, 12, 3400.	12.8	219
64	Association of plasma P-tau181 with memory decline in non-demented adults. Brain Communications, 2021, 3, fcab136.	3.3	33
65	Associations of Fully Automated CSF and Novel Plasma Biomarkers With Alzheimer Disease Neuropathology at Autopsy. Neurology, 2021, 97, .	1.1	50
66	Phosphorylated tau181 in plasma as a potential biomarker for Alzheimer's disease in adults with Down syndrome. Nature Communications, 2021, 12, 4304.	12.8	33
67	Microglial activation and tau propagate jointly across Braak stages. Nature Medicine, 2021, 27, 1592-1599.	30.7	235
68	Aducanumab: a new phase in therapeutic development for Alzheimer's disease?. EMBO Molecular Medicine, 2021, 13, e14781.	6.9	47
69	Reply: Functional cognitive disorder: dementia's blind spot. Brain, 2021, 144, e73.	7.6	2
70	Grip strength from midlife as an indicator of later-life brain health and cognition: evidence from a British birth cohort. BMC Geriatrics, 2021, 21, 475.	2.7	18
71	Mild Parkinsonian Signs: A Systematic Review of Clinical, Imaging, and Pathological Associations. Movement Disorders, 2021, 36, 2481-2493.	3.9	15
72	Comparison of Plasma Phosphorylated Tau Species With Amyloid and Tau Positron Emission Tomography, Neurodegeneration, Vascular Pathology, and Cognitive Outcomes. JAMA Neurology, 2021, 78, 1108.	9.0	114

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73	Sex-related differences in whole brain volumes at age 70 in association with hyperglycemia during adult life. Neurobiology of Aging, 2021, 112, 161-169.	3.1	1
74	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.	1.9	51
75	A genome-wide association study of plasma phosphorylated tau181. Neurobiology of Aging, 2021, 106, 304.e1-304.e3.	3.1	5
76	Visuomotor integration deficits are common to familial and sporadic preclinical Alzheimer's disease. Brain Communications, 2021, 3, fcab003.	3.3	8
77	The diagnostic and prognostic capabilities of plasma biomarkers in Alzheimer's disease. Alzheimer's and Dementia, 2021, 17, 1145-1156.	0.8	174
78	Serum and cerebrospinal fluid biomarker profiles in acute SARS-CoV-2-associated neurological syndromes. Brain Communications, 2021, 3, fcab099.	3.3	43
79	OUP accepted manuscript. Brain, 2021, 144, 434-449.	7.6	54
80	The global Alzheimer's Association round robin study on plasma amyloid $\hat{l}^2$ methods. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2021, 13, e12242.	2.4	17
81	Dissociable effects of APOE $\hat{l}\mu 4$ and $\hat{l}^2$ -amyloid pathology on visual working memory. Nature Aging, 2021, 1, 1002-1009.	11.6	16
82	Pâ€ŧau235: a novel biomarker for staging preclinical Alzheimer's disease. EMBO Molecular Medicine, 2021, 13, e15098.	6.9	30
83	Differences Between Plasma and Cerebrospinal Fluid Glial Fibrillary Acidic Protein Levels Across the Alzheimer Disease Continuum. JAMA Neurology, 2021, 78, 1471.	9.0	204
84	Truncating tau reveals different pathophysiological actions of oligomers in single neurons. Communications Biology, 2021, 4, 1265.	4.4	4
85	Loss and dispersion of superficial white matter in Alzheimer's disease: a diffusion MRI study. Brain Communications, 2021, 3, fcab272.	3.3	18
86	Prodromal frontotemporal dementia: clinical features and predictors of progression. Alzheimer's Research and Therapy, 2021, 13, 188.	6.2	8
87	Developments in clinical testing of cerebrospinal fluid biomarkers of Alzheimer's disease in the UK. Alzheimer's and Dementia, 2021, 17, .	0.8	0
88	Menopause and laterâ€life cognition: Findings from the longestâ€running populationâ€based birth cohort. Alzheimer's and Dementia, 2021, 17, .	0.8	0
89	Implementation of remote neuropsychological assessments in the Insight 46 study: Lessons learned from the transition to videoconferencing and telephone assessments. Alzheimer's and Dementia, 2021, 17, .	0.8	0
90	Atrophy and partial volume related bias in cortical region of interest NODDI metrics. Alzheimer's and Dementia, 2021, $17$ , .	0.8	0

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91	Association of tau pathology and vascular risk factor burden with longitudinal measures of plasma neurofilament light. Alzheimer's and Dementia, 2021, 17, .	0.8	O
92	Clinical reporting following the quantification of cerebrospinal fluid biomarkers in Alzheimer's disease: An international overview. Alzheimer's and Dementia, 2021, 17, .	0.8	7
93	Plasma pâ€ŧau231 in the Alzheimer's disease continuum: A multiâ€cohort evaluation of diagnostic performance, detection of Al̂² pathology and preclinical application. Alzheimer's and Dementia, 2021, 17, .	0.8	0
94	Distinctive effect of biological sex in ADâ€related CSF and plasma biomarkers. Alzheimer's and Dementia, 2021, 17, .	0.8	2
95	Disentangling axonal loss and demyelination using multiâ $\in$ modal imaging: Application to young onset Alzheimerâ $\in$ <sup>TM</sup> s disease. Alzheimer's and Dementia, 2021, 17, .	0.8	0
96	Brain atrophy and white matter hyperintensities are independently associated with plasma neurofilament light chain in an Asian cohort of patients with mixed pathology. Alzheimer's and Dementia, 2021, 17, .	0.8	0
97	Plasma pâ€Tau181 and pâ€Tau231 offer complementary information to identify Alzheimer's disease pathophysiology. Alzheimer's and Dementia, 2021, 17, .	0.8	1
98	Plasma biomarkers distinguish clinical diagnostic groups in memory clinic patients. Alzheimer's and Dementia, 2021, 17, .	0.8	0
99	The heterogeneous brain: Mapping individualised patterns of atrophy in Alzheimer's disease using spatial normative models. Alzheimer's and Dementia, 2021, 17, .	0.8	2
100	Mass spectrometric measurement of six site $\hat{s}$ pecific tau phosphorylations in CSF and blood of Alzheimer's disease patients. Alzheimer's and Dementia, 2021, 17, .	0.8	0
101	Plasma Pâ€ŧau <sub>181</sub> and NfL are central nodes in a network of diagnostic, biomarker, and demographic data. Alzheimer's and Dementia, 2021, 17, .	0.8	0
102	Impact of polygenic risk score on normative models of hippocampal volumes. Alzheimer's and Dementia, 2021, 17, .	0.8	1
103	Association of cerebrospinal fluid and plasma biomarkers with longitudinal tau accumulation. Alzheimer's and Dementia, 2021, 17, .	0.8	0
104	CSF and blood biomarkers: How strongly do they reflect Alzheimer's pathophysiology and are they dynamic?. Alzheimer's and Dementia, 2021, 17, .	0.8	0
105	Fixelâ€based analysis of the effect of amyloid beta on white matter tracts in neurologically normal 70 year olds. Alzheimer's and Dementia, 2021, 17, .	0.8	0
106	Plasma biomarkers for the AT(N) classification and for the detection of Alzheimer's disease. Alzheimer's and Dementia, 2021, 17, .	0.8	0
107	Familial Alzheimer's disease patient-derived neurons reveal distinct mutation-specific effects on amyloid beta. Molecular Psychiatry, 2020, 25, 2919-2931.	7.9	99
108	Construction and reconstruction of brain circuits: normal and pathological axon guidance. Journal of Neurochemistry, 2020, 153, 10-32.	3.9	18

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109	Associations Between Vascular Risk Across Adulthood and Brain Pathology in Late Life. JAMA Neurology, 2020, 77, 175.	9.0	55
110	Diet quality in late midlife is associated with faster walking speed in later life in women, but not men: findings from a prospective British birth cohort. British Journal of Nutrition, 2020, 123, 913-921.	2.3	3
111	Understanding the Pathophysiological Actions of Tau Oligomers: A Critical Review of Current Electrophysiological Approaches. Frontiers in Molecular Neuroscience, 2020, 13, 155.	2.9	20
112	A blood miRNA signature associates with sporadic Creutzfeldt-Jakob disease diagnosis. Nature Communications, 2020, 11, 3960.	12.8	20
113	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.	7.7	209
114	Increased variability in reaction time is associated with amyloid beta pathology at age 70. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2020, 12, e12076.	2.4	8
115	Functional cognitive disorder: dementia's blind spot. Brain, 2020, 143, 2895-2903.	7.6	84
116	Diffuse axonal injury predicts neurodegeneration after moderate–severe traumatic brain injury. Brain, 2020, 143, 3685-3698.	7.6	69
117	Measuring cortical mean diffusivity to assess early microstructural cortical change in presymptomatic familial Alzheimer's disease. Alzheimer's Research and Therapy, 2020, 12, 112.	6.2	18
118	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.	2.6	55
119	Extensive Plasmid Library to Prepare Tau Protein Variants and Study Their Functional Biochemistry. ACS Chemical Neuroscience, 2020, 11, 3117-3129.	3.5	6
120	Altered DNA methylation profiles in blood from patients with sporadic Creutzfeldt–Jakob disease. Acta Neuropathologica, 2020, 140, 863-879.	7.7	18
121	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.	6.9	202
122	Plasma phosphoâ€tau181 in over 400 cognitively healthy 69―to 71â€yearâ€olds: Associations with cerebral amyloid, structural imaging and cognition in the Insight 46 study. Alzheimer's and Dementia, 2020, 16, e037848.	0.8	0
123	Vascular risk factors and amyloid pathology: Additive or interactive associations?. Alzheimer's and Dementia, 2020, 16, e037922.	0.8	0
124	The differential genetic architecture between posterior cortical atrophy and amnestic Alzheimer's disease. Alzheimer's and Dementia, 2020, 16, e038851.	0.8	1
125	Alzheimer's disease biomarker roadmap 2020: Fluid biomarkers. Alzheimer's and Dementia, 2020, 16, e039557.	0.8	2
126	Uncovering superficial white matter changes in youngâ€onset Alzheimer's disease. Alzheimer's and Dementia, 2020, 16, e039746.	0.8	0

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127	Performance on the graded naming test in a populationâ€based sample of 72â€yearâ€olds: Associations with lifeâ€course predictors and βâ€amyloid pathology. Alzheimer's and Dementia, 2020, 16, e040897.	0.8	O
128	Accelerated forgetting is sensitive to βâ€amyloid pathology and cerebral atrophy in cognitively normal 72â€yearâ€olds. Alzheimer's and Dementia, 2020, 16, e040987.	0.8	0
129	APOEâ€Îµ4 carriers have superior recall on the †What was where?' visual shortâ€term memory binding test at age 70, despite a detrimental effect of βâ€amyloid. Alzheimer's and Dementia, 2020, 16, e041090.	0.8	4
130	Lifetime cigarette smoking and laterâ€ife brain health: The populationâ€based 1946 British Birth Cohort. Alzheimer's and Dementia, 2020, 16, e041111.	0.8	1
131	Ultrasensitive blood biomarkers to predict cognitive decline and diagnose Alzheimer's disease in the absence of AT(N) classification as the reference standard. Alzheimer's and Dementia, 2020, 16, e041808.	0.8	1
132	Cerebrospinal fluid tau biomarkers in the prediction and concordance of neurofibrillary tangle and amyloid pathology. Alzheimer's and Dementia, 2020, 16, e041849.	0.8	1
133	Plasma phosphoâ€ŧau in familial Alzheimer's disease. Alzheimer's and Dementia, 2020, 16, e042921.	0.8	O
134	Cerebral amyloid and white matter hyperintensity volume are independently associated with rates of cerebral atrophy in Insight 46, a subâ€study of the 1946 British birth cohort. Alzheimer's and Dementia, 2020, 16, e044924.	0.8	0
135	CSF phosphorylated tauâ€217 is increased in Alzheimer's and Creutzfeldtâ€Jakob diseases and correlates with amyloid pathology. Alzheimer's and Dementia, 2020, 16, e045296.	0.8	4
136	Augmenting cognitive assessment with instructionâ€less Eyeâ€tracking tests: A machine learning approach for detecting abnormal oculomotor biomarkers. Alzheimer's and Dementia, 2020, 16, e045318.	0.8	0
137	An extensive plasmid library for preparing tau variants and studying their functional biochemistry. Alzheimer's and Dementia, 2020, 16, e045387.	0.8	O
138	Augmenting cognitive assessment with instructionâ€less eyeâ€tracking tests: A machine learning approach for detecting abnormal oculomotor biomarkers. Alzheimer's and Dementia, 2020, 16, e045483.	0.8	0
139	Midâ€ife blood pressure and microstructural white matter: Findings from the 1946 British birth cohort. Alzheimer's and Dementia, 2020, 16, e045707.	0.8	O
140	Multimodal modelling of the heterogeneity of Alzheimer's disease. Alzheimer's and Dementia, 2020, 16, e045822.	0.8	1
141	Serum neurofilament light and whole brain volume associate with machineâ€learning derived brainâ€predicted age in the British 1946 birth cohort. Alzheimer's and Dementia, 2020, 16, e045965.	0.8	1
142	Comparison of static and dynamic analysis techniques for longitudinal analysis of amyloid PET. Alzheimer's and Dementia, 2020, 16, e045991.	0.8	0
143	Plasmaâ€based biomarkers for Aβ and tau predict longitudinal brain atrophy in cognitively healthy elderly and in patients with Alzheimer's disease. Alzheimer's and Dementia, 2020, 16, e046490.	0.8	O
144	Plasma pâ€tau181 accurately predicts Alzheimer's disease pathology at least 8 years prior to postâ€mortem and improves the clinical characterisation of cognitive decline. Alzheimer's and Dementia, 2020, 16, e047539.	0.8	2

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145	How to diagnose difficult white matter disorders. Practical Neurology, 2020, 20, 280-286.	1.1	3
146	Diagnostic and prognostic value of serum NfL and p-Tau <sub>181</sub> in frontotemporal lobar degeneration. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 960-967.	1.9	93
147	The emerging spectrum of COVID-19 neurology: clinical, radiological and laboratory findings. Brain, 2020, 143, 3104-3120.	7.6	880
148	Olfactory testing does not predict $\hat{l}^2$ -amyloid, MRI measures of neurodegeneration or vascular pathology in the British 1946 birth cohort. Journal of Neurology, 2020, 267, 3329-3336.	3.6	4
149	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.	6.2	32
150	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.	1.5	27
151	Pure tone audiometry and cerebral pathology in healthy older adults. Journal of Neurology, Neurosurgery and Psychiatry, 2020, 91, 172-176.	1.9	16
152	The Dementias Platform UK (DPUK) Data Portal. European Journal of Epidemiology, 2020, 35, 601-611.	5.7	45
153	Bilateral nucleus basalis of Meynert deep brain stimulation for dementia with Lewy bodies: A randomised clinical trial. Brain Stimulation, 2020, 13, 1031-1039.	1.6	39
154	Cerebrospinal Fluid Biomarkers in Cerebral Amyloid Angiopathy. Journal of Alzheimer's Disease, 2020, 74, 1189-1201.	2.6	38
155	An update on blood-based biomarkers for non-Alzheimer neurodegenerative disorders. Nature Reviews Neurology, 2020, 16, 265-284.	10.1	121
156	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.	10.2	668
157	The C291R Tau Variant Forms Different Types of Protofibrils. Frontiers in Molecular Neuroscience, 2020, 13, 39.	2.9	10
158	A comprehensive analysis of methods for assessing polygenic burden on Alzheimer's disease pathology and risk beyond APOE. Brain Communications, 2020, 2, fcz047.	3.3	45
159	Association of plasma neurofilament light chain (pNfL) with neuroimaging markers of neurodegeneration and cerebrovascular disease. Alzheimer's and Dementia, 2020, 16, e043060.	0.8	0
160	Study Protocol — Insight 46 Cardiovascular: A Sub-study of the MRC National Survey of Health and Development. Artery Research, 2020, 26, 170-179.	0.6	2
161	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.	10.2	178
162	Use of the tau protein-to-peptide ratio in CSF to improve diagnostic classification of Alzheimer's disease. Clinical Mass Spectrometry, 2019, 14, 74-82.	1.9	9

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163	Retinal thickness as potential biomarker in posterior cortical atrophy and typical Alzheimer's disease. Alzheimer's Research and Therapy, 2019, 11, 62.	6.2	40
164	Distinct Conformations, Aggregation and Cellular Internalization of Different Tau Strains. Frontiers in Cellular Neuroscience, 2019, 13, 296.	3.7	36
165	Hippocampal subfield volumes and pre-clinical Alzheimer's disease in 408 cognitively normal adults born in 1946. PLoS ONE, 2019, 14, e0224030.	2.5	26
166	Prion disease diagnosis using subject-specific imaging biomarkers within a multi-kernel Gaussian process. Neurolmage: Clinical, 2019, 24, 102051.	2.7	7
167	Cognition at age 70. Neurology, 2019, 93, e2144-e2156.	1.1	37
168	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.	3.7	34
169	Looking beyond the eyes: visual impairment in posterior cortical atrophy. Lancet, The, 2019, 394, 1055.	13.7	1
170	Diagnostic Value of Cerebrospinal Fluid Neurofilament Light Protein in Neurology. JAMA Neurology, 2019, 76, 1035.	9.0	455
171	SILK studies â€" capturing the turnover of proteins linked to neurodegenerative diseases. Nature Reviews Neurology, 2019, 15, 419-427.	10.1	37
172	Longitudinal neuroanatomical and cognitive progression of posterior cortical atrophy. Brain, 2019, 142, 2082-2095.	7.6	64
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