

Thomas K Karikari

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.

352 papers	10,686 citations	49 h-index	95 g-index
422 ext. papers	15,826 ext. citations	7.2 avg, IF	6.29 L-index

#	Paper	IF	Citations
352	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates A β tau, immunity and lipid processing. <i>Nature Genetics</i> , 2019 , 51, 414-430	36.3	917
351	Analysis of shared heritability in common disorders of the brain. <i>Science</i> , 2018 , 360,	33.3	666
350	The emerging spectrum of COVID-19 neurology: clinical, radiological and laboratory findings. <i>Brain</i> , 2020 , 143, 3104-3120	11.2	543
349	Posterior cortical atrophy. <i>Lancet Neurology</i> , <i>The</i> , 2012 , 11, 170-8	24.1	383
348	Strategic roadmap for an early diagnosis of Alzheimer's disease based on biomarkers. <i>Lancet Neurology</i> , <i>The</i> , 2017 , 16, 661-676	24.1	308
347	Blood phosphorylated tau 181 as a biomarker for Alzheimer's disease: a diagnostic performance and prediction modelling study using data from four prospective cohorts. <i>Lancet Neurology</i> , <i>The</i> , 2020 , 19, 422-433	24.1	286
346	Consensus classification of posterior cortical atrophy. <i>Alzheimer's and Dementia</i> , 2017 , 13, 870-884	1.2	261
345	Serum neurofilament light chain protein is a measure of disease intensity in frontotemporal dementia. <i>Neurology</i> , 2016 , 87, 1329-36	6.5	255
344	Diagnostic Value of Cerebrospinal Fluid Neurofilament Light Protein in Neurology: A Systematic Review and Meta-analysis. <i>JAMA Neurology</i> , 2019 , 76, 1035-1048	17.2	237
343	Clinical variables and biomarkers in prediction of cognitive impairment in patients with newly diagnosed Parkinson's disease: a cohort study. <i>Lancet Neurology</i> , <i>The</i> , 2017 , 16, 66-75	24.1	201
342	CSF neurofilament light differs in neurodegenerative diseases and predicts severity and survival. <i>Neurology</i> , 2014 , 83, 1945-53	6.5	186
341	Serum neurofilament light in familial Alzheimer disease: A marker of early neurodegeneration. <i>Neurology</i> , 2017 , 89, 2167-2175	6.5	154
340	A data-driven model of biomarker changes in sporadic Alzheimer's disease. <i>Brain</i> , 2014 , 137, 2564-77	11.2	149
339	Assessing the onset of structural change in familial Alzheimer's disease. <i>Annals of Neurology</i> , 2003 , 53, 181-8	9.4	140
338	Characterization of tau positron emission tomography tracer [F]AV-1451 binding to postmortem tissue in Alzheimer's disease, primary tauopathies, and other dementias. <i>Alzheimer's and Dementia</i> , 2016 , 12, 1116-1124	1.2	139
337	Increased CSF neurogranin concentration is specific to Alzheimer disease. <i>Neurology</i> , 2016 , 86, 829-35	6.5	135
336	MRI visual rating scales in the diagnosis of dementia: evaluation in 184 post-mortem confirmed cases. <i>Brain</i> , 2016 , 139, 1211-25	11.2	135

335	Uncovering the heterogeneity and temporal complexity of neurodegenerative diseases with Subtype and Stage Inference. <i>Nature Communications</i> , 2018 , 9, 4273	17.4	125
334	Increased brain atrophy rates in cognitively normal older adults with low cerebrospinal fluid A β -42. <i>Annals of Neurology</i> , 2010 , 68, 825-34	9.4	123
333	Molecular biomarkers of Alzheimer's disease: progress and prospects. <i>DMM Disease Models and Mechanisms</i> , 2018 , 11,	4.1	109
332	Cerebrospinal fluid tau and amyloid- β -42 in patients with dementia. <i>Brain</i> , 2015 , 138, 2716-31	11.2	105
331	Primary progressive aphasia: a clinical approach. <i>Journal of Neurology</i> , 2018 , 265, 1474-1490	5.5	101
330	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. <i>Lancet Neurology</i> , 2019 , 18, 942-952	24.1	95
329	Identification of novel CSF biomarkers for neurodegeneration and their validation by a high-throughput multiplexed targeted proteomic assay. <i>Molecular Neurodegeneration</i> , 2015 , 10, 64	19	87
328	Using visual rating to diagnose dementia: a critical evaluation of MRI atrophy scales. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015 , 86, 1225-33	5.5	84
327	Plasma p-tau231: a new biomarker for incipient Alzheimer's disease pathology. <i>Acta Neuropathologica</i> , 2021 , 141, 709-724	14.3	83
326	Clinical relevance of serum antibodies to extracellular N-methyl-D-aspartate receptor epitopes. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015 , 86, 708-13	5.5	81
325	Plasma p-tau181 accurately predicts Alzheimer's disease pathology at least 8 years prior to post-mortem and improves the clinical characterisation of cognitive decline. <i>Acta Neuropathologica</i> , 2020 , 140, 267-278	14.3	79
324	Pain and temperature processing in dementia: a clinical and neuroanatomical analysis. <i>Brain</i> , 2015 , 138, 3360-72	11.2	74
323	R47H TREM2 variant increases risk of typical early-onset Alzheimer's disease but not of prion or frontotemporal dementia. <i>Alzheimer's and Dementia</i> , 2014 , 10, 602-608.e4	1.2	74
322	Prevalence of amyloid- β pathology in distinct variants of primary progressive aphasia. <i>Annals of Neurology</i> , 2018 , 84, 729-740	9.4	74
321	Diagnostic performance and prediction of clinical progression of plasma phospho-tau181 in the Alzheimer's Disease Neuroimaging Initiative. <i>Molecular Psychiatry</i> , 2021 , 26, 429-442	15.1	70
320	Novel tau biomarkers phosphorylated at T181, T217 or T231 rise in the initial stages of the preclinical Alzheimer's continuum when only subtle changes in A β pathology are detected. <i>EMBO Molecular Medicine</i> , 2020 , 12, e12921	12	67
319	Data-driven models of dominantly-inherited Alzheimer's disease progression. <i>Brain</i> , 2018 , 141, 1529-1544	11.2	66
318	Algorithms, atrophy and Alzheimer's disease: cautionary tales for clinical trials. <i>NeuroImage</i> , 2011 , 57, 15-18	7.9	64

317	Genetic risk factors for the posterior cortical atrophy variant of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2016 , 12, 862-71	1.2	64
316	Learnings about the complexity of extracellular tau aid development of a blood-based screen for Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2019 , 15, 487-496	1.2	60
315	Cerebrospinal fluid in the differential diagnosis of Alzheimer's disease: clinical utility of an extended panel of biomarkers in a specialist cognitive clinic. <i>Alzheimer's Research and Therapy</i> , 2018 , 10, 32	9	57
314	Cortical microstructure in young onset Alzheimer's disease using neurite orientation dispersion and density imaging. <i>Human Brain Mapping</i> , 2018 , 39, 3005-3017	5.9	55
313	White matter tract signatures of impaired social cognition in frontotemporal lobar degeneration. <i>NeuroImage: Clinical</i> , 2015 , 8, 640-51	5.3	54
312	Abnormalities of fixation, saccade and pursuit in posterior cortical atrophy. <i>Brain</i> , 2015 , 138, 1976-91	11.2	53
311	An update on blood-based biomarkers for non-Alzheimer neurodegenerative disorders. <i>Nature Reviews Neurology</i> , 2020 , 16, 265-284	15	53
310	Clinical and genetic characterization of leukoencephalopathies in adults. <i>Brain</i> , 2017 , 140, 1204-1211	11.2	51
309	Diagnostic and prognostic value of serum NFL and p-Tau in frontotemporal lobar degeneration. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020 , 91, 960-967	5.5	51
308	A multicentre validation study of the diagnostic value of plasma neurofilament light. <i>Nature Communications</i> , 2021 , 12, 3400	17.4	51
307	Familial Alzheimer's disease patient-derived neurons reveal distinct mutation-specific effects on amyloid beta. <i>Molecular Psychiatry</i> , 2020 , 25, 2919-2931	15.1	51
306	Selective vulnerability in neurodegeneration: insights from clinical variants of Alzheimer's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016 , 87, 1000-4	5.5	50
305	Redefining the phenotype of ALSP and mutation-related leukodystrophy. <i>Neurology: Genetics</i> , 2017 , 3, e135	3.8	49
304	ApoE influences regional white-matter axonal density loss in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2017 , 57, 8-17	5.6	49
303	Brain biopsy in dementia: clinical indications and diagnostic approach. <i>Acta Neuropathologica</i> , 2010 , 120, 327-41	14.3	49
302	Assessing atrophy measurement techniques in dementia: Results from the MIRIAD atrophy challenge. <i>NeuroImage</i> , 2015 , 123, 149-64	7.9	48
301	The diagnostic and prognostic capabilities of plasma biomarkers in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2021 , 17, 1145-1156	1.2	48
300	Longitudinal measurement of serum neurofilament light in presymptomatic familial Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2019 , 11, 19	9	47

299	Accelerated long-term forgetting in presymptomatic autosomal dominant Alzheimer's disease: a cross-sectional study. <i>Lancet Neurology, The</i> , 2018 , 17, 123-132	24.1	47
298	Genetic determinants of white matter hyperintensities and amyloid angiopathy in familial Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015 , 36, 3140-3151	5.6	46
297	Patterns of atrophy in pathologically confirmed dementias: a voxelwise analysis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017 , 88, 908-916	5.5	45
296	Short echo time proton magnetic resonance spectroscopy in Alzheimer's disease: a longitudinal multiple time point study. <i>Brain</i> , 2010 , 133, 3315-22	11.2	45
295	New insights into atypical Alzheimer's disease in the era of biomarkers. <i>Lancet Neurology, The</i> , 2021 , 20, 222-234	24.1	45
294	Microglial activation and tau propagate jointly across Braak stages. <i>Nature Medicine</i> , 2021 , 27, 1592-1599	30.5	44
293	Presymptomatic cortical thinning in familial Alzheimer disease: A longitudinal MRI study. <i>Neurology</i> , 2016 , 87, 2050-2057	6.5	43
292	Population screening for variant Creutzfeldt-Jakob disease using a novel blood test: diagnostic accuracy and feasibility study. <i>JAMA Neurology</i> , 2014 , 71, 421-8	17.2	43
291	Study protocol: Insight 46 - a neuroscience sub-study of the MRC National Survey of Health and Development. <i>BMC Neurology</i> , 2017 , 17, 75	3.1	42
290	Time course of phosphorylated-tau181 in blood across the Alzheimer's disease spectrum. <i>Brain</i> , 2021 , 144, 325-339	11.2	42
289	Longitudinal Associations of Blood Phosphorylated Tau181 and Neurofilament Light Chain With Neurodegeneration in Alzheimer Disease. <i>JAMA Neurology</i> , 2021 , 78, 396-406	17.2	41
288	Practical approach to the diagnosis of adult-onset leukodystrophies: an updated guide in the genomic era. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019 , 90, 543-554	5.5	37
287	Longitudinal neuroanatomical and cognitive progression of posterior cortical atrophy. <i>Brain</i> , 2019 , 142, 2082-2095	11.2	36
286	Bioinformatics in Africa: The Rise of Ghana?. <i>PLoS Computational Biology</i> , 2015 , 11, e1004308	5	36
285	Plasma phospho-tau181 in presymptomatic and symptomatic familial Alzheimer's disease: a longitudinal cohort study. <i>Molecular Psychiatry</i> , 2020 ,	15.1	36
284	Auditory hedonic phenotypes in dementia: A behavioural and neuroanatomical analysis. <i>Cortex</i> , 2015 , 67, 95-105	3.8	35
283	Stability of blood-based biomarkers of Alzheimer's disease over multiple freeze-thaw cycles. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018 , 10, 448-451	5.2	35
282	Auditory spatial processing in Alzheimer's disease. <i>Brain</i> , 2015 , 138, 189-202	11.2	35

281	Humour processing in frontotemporal lobar degeneration: A behavioural and neuroanatomical analysis. <i>Cortex</i> , 2015 , 69, 47-59	3.8	34
280	Dissecting IWG-2 typical and atypical Alzheimer's disease: insights from cerebrospinal fluid analysis. <i>Journal of Neurology</i> , 2015 , 262, 2722-30	5.5	34
279	Genetic study of multimodal imaging Alzheimer's disease progression score implicates novel loci. <i>Brain</i> , 2018 , 141, 2167-2180	11.2	34
278	Inflammation in Alzheimer's disease: insights from immunotherapy. <i>Brain</i> , 2013 , 136, 2654-6	11.2	33
277	Cerebrospinal fluid soluble TREM2 levels in frontotemporal dementia differ by genetic and pathological subgroup. <i>Alzheimer's Research and Therapy</i> , 2018 , 10, 79	9	31
276	Amyloid-beta 42 adsorption following serial tube transfer. <i>Alzheimer's Research and Therapy</i> , 2014 , 6, 5	9	31
275	Genetic influences on atrophy patterns in familial Alzheimer's disease: a comparison of APP and PSEN1 mutations. <i>Journal of Alzheimer's Disease</i> , 2013 , 35, 199-212	4.3	31
274	The validation status of blood biomarkers of amyloid and phospho-tau assessed with the 5-phase development framework for AD biomarkers. <i>European Journal of Nuclear Medicine and Molecular Imaging</i> , 2021 , 48, 2140-2156	8.8	31
273	Head-to-head comparison of clinical performance of CSF phospho-tau T181 and T217 biomarkers for Alzheimer's disease diagnosis. <i>Alzheimer's and Dementia</i> , 2021 , 17, 755-767	1.2	31
272	Eyetracking Metrics in Young Onset Alzheimer's Disease: A Window into Cognitive Visual Functions. <i>Frontiers in Neurology</i> , 2017 , 8, 377	4.1	29
271	Data-Driven Sequence of Changes to Anatomical Brain Connectivity in Sporadic Alzheimer's Disease. <i>Frontiers in Neurology</i> , 2017 , 8, 580	4.1	29
270	Functional neuroanatomy of auditory scene analysis in Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2015 , 7, 699-708	5.3	28
269	Plasma tau is increased in frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018 , 89, 804-807	5.5	28
268	Altered sense of humor in dementia. <i>Journal of Alzheimer's Disease</i> , 2016 , 49, 111-9	4.3	27
267	Functional cognitive disorder: dementia's blind spot. <i>Brain</i> , 2020 , 143, 2895-2903	11.2	27
266	New insights into the genetic etiology of Alzheimer's disease and related dementias.. <i>Nature Genetics</i> , 2022 ,	36.3	27
265	Blood Biomarkers for Alzheimer's Disease: Much Promise, Cautious Progress. <i>Molecular Diagnosis and Therapy</i> , 2017 , 21, 13-22	4.5	26
264	Susceptibility of brain atrophy to in Alzheimer's disease, evidence from functional prioritization in imaging genetics. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2018 , 115, 3162-3167	11.5	25

263	Distinct Conformations, Aggregation and Cellular Internalization of Different Tau Strains. <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 296	6.1	25
262	Prominent effects and neural correlates of visual crowding in a neurodegenerative disease population. <i>Brain</i> , 2014 , 137, 3284-99	11.2	25
261	Introduction of Tau Oligomers into Cortical Neurons Alters Action Potential Dynamics and Disrupts Synaptic Transmission and Plasticity. <i>ENeuro</i> , 2019 , 6,	3.9	25
260	Serum Glial Fibrillary Acidic Protein (GFAP) Is a Marker of Disease Severity in Frontotemporal Lobar Degeneration. <i>Journal of Alzheimer's Disease</i> , 2020 , 77, 1129-1141	4.3	25
259	Using a birth cohort to study brain health and preclinical dementia: recruitment and participation rates in Insight 46. <i>BMC Research Notes</i> , 2018 , 11, 885	2.3	25
258	Comparison of Plasma Phosphorylated Tau Species With Amyloid and Tau Positron Emission Tomography, Neurodegeneration, Vascular Pathology, and Cognitive Outcomes. <i>JAMA Neurology</i> , 2021 , 78, 1108-1117	17.2	25
257	Biomarkers for Alzheimer's disease beyond amyloid and tau. <i>Nature Medicine</i> , 2019 , 25, 201-203	50.5	24
256	Developing expertise in bioinformatics for biomedical research in Africa. <i>Applied & Translational Genomics</i> , 2015 , 6, 31-34		24
255	Altered body schema processing in frontotemporal dementia with C9ORF72 mutations. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2014 , 85, 1016-23	5.5	24
254	Social Factors Influencing Child Health in Ghana. <i>PLoS ONE</i> , 2016 , 11, e0145401	3.7	24
253	Music Perception in Dementia. <i>Journal of Alzheimer's Disease</i> , 2017 , 55, 933-949	4.3	24
252	CSF Beta-amyloid 1-42 Concentration Predicts Delirium Following Elective Arthroplasty Surgery in an Observational Cohort Study. <i>Annals of Surgery</i> , 2019 , 269, 1200-1205	7.8	24
251	The Dementias Platform UK (DPUK) Data Portal. <i>European Journal of Epidemiology</i> , 2020 , 35, 601-611	12.1	23
250	Current concepts and controversies in the pathogenesis of Parkinson's disease dementia and Dementia with Lewy Bodies. <i>F1000Research</i> , 2017 , 6, 1604	3.6	23
249	CSF neurogranin or tau distinguish typical and atypical Alzheimer disease. <i>Annals of Clinical and Translational Neurology</i> , 2018 , 5, 162-171	5.3	23
248	Retinal thickness as potential biomarker in posterior cortical atrophy and typical Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2019 , 11, 62	9	23
247	Building sustainable neuroscience capacity in Africa: the role of non-profit organisations. <i>Metabolic Brain Disease</i> , 2016 , 31, 3-9	3.9	22
246	SILK studies - capturing the turnover of proteins linked to neurodegenerative diseases. <i>Nature Reviews Neurology</i> , 2019 , 15, 419-427	15	22

245	Differences in hippocampal subfield volume are seen in phenotypic variants of early onset Alzheimer's disease. <i>NeuroImage: Clinical</i> , 2019 , 21, 101632	5.3	22
244	Motor signatures of emotional reactivity in frontotemporal dementia. <i>Scientific Reports</i> , 2018 , 8, 1030	4.9	21
243	Commentary: Global, regional, and national burden of neurological disorders during 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. <i>Frontiers in Neurology</i> , 2018 , 9, 201	4.1	21
242	Dementias show differential physiological responses to salient sounds. <i>Frontiers in Behavioral Neuroscience</i> , 2015 , 9, 73	3.5	21
241	Population-based blood screening for preclinical Alzheimer's disease in a British birth cohort at age 70. <i>Brain</i> , 2021 , 144, 434-449	11.2	21
240	Associations Between Vascular Risk Across Adulthood and Brain Pathology in Late Life: Evidence From a British Birth Cohort. <i>JAMA Neurology</i> , 2020 , 77, 175-183	17.2	21
239	Functional neuroanatomy of spatial sound processing in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2016 , 39, 154-64	5.6	20
238	Expression and purification of tau protein and its frontotemporal dementia variants using a cleavable histidine tag. <i>Protein Expression and Purification</i> , 2017 , 130, 44-54	2	20
237	Motor Neuron Diseases in Sub-Saharan Africa: The Need for More Population-Based Studies. <i>BioMed Research International</i> , 2015 , 2015, 298409	3	20
236	Using CSF biomarkers to replicate genetic associations in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2012 , 33, 1486.e9-15	5.6	20
235	Diagnosing Dementia in the Clinical Setting: Can Amyloid PET Provide Additional Value Over Cerebrospinal Fluid?. <i>Journal of Alzheimer's Disease</i> , 2016 , 54, 1297-1302	4.3	20
234	Preparation of stable tau oligomers for cellular and biochemical studies. <i>Analytical Biochemistry</i> , 2019 , 566, 67-74	3.1	20
233	Mild cognitive impairment: the Manchester consensus. <i>Age and Ageing</i> , 2021 , 50, 72-80	3	20
232	Identification of environmental sounds and melodies in syndromes of anterior temporal lobe degeneration. <i>Journal of the Neurological Sciences</i> , 2015 , 352, 94-8	3.2	19
231	Cerebrospinal Fluid Biomarkers in Cerebral Amyloid Angiopathy. <i>Journal of Alzheimer's Disease</i> , 2020 , 74, 1189-1201	4.3	19
230	Neurogenomics: An opportunity to integrate neuroscience, genomics and bioinformatics research in Africa. <i>Applied & Translational Genomics</i> , 2015 , 5, 3-10		19
229	Delineating the sites and progression of in vivo atrophy in multiple system atrophy using fluid-registered MRI. <i>Movement Disorders</i> , 2003 , 18, 955-8	7	19
228	AMYPAD Diagnostic and Patient Management Study: Rationale and design. <i>Alzheimer's and Dementia</i> , 2019 , 15, 388-399	1.2	19

227	Aducanumab: a new phase in therapeutic development for Alzheimer's disease?. <i>EMBO Molecular Medicine</i> , 2021 , 13, e14781	12	19
226	Physiological phenotyping of dementias using emotional sounds. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015 , 1, 170-178	5.2	18
225	Differences Between Plasma and Cerebrospinal Fluid Glial Fibrillary Acidic Protein Levels Across the Alzheimer Disease Continuum. <i>JAMA Neurology</i> , 2021 , 78, 1471-1483	17.2	18
224	A comprehensive analysis of methods for assessing polygenic burden on Alzheimer's disease pathology and risk beyond. <i>Brain Communications</i> , 2020 , 2, fcz047	4.5	18
223	Acceleration of hippocampal atrophy rates in asymptomatic amyloidosis. <i>Neurobiology of Aging</i> , 2016 , 39, 99-107	5.6	18
222	Unsuccessful trials of therapies for Alzheimer's disease. <i>Lancet, The</i> , 2019 , 393, 29	40	18
221	Economic impacts of introducing diagnostics for mild cognitive impairment Alzheimer's disease patients. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2019 , 5, 382-387	6	17
220	Cognition at age 70: Life course predictors and associations with brain pathologies. <i>Neurology</i> , 2019 , 93, e2144-e2156	6.5	17
219	New developments in mild cognitive impairment and Alzheimer's disease. <i>Current Opinion in Neurology</i> , 2006 , 19, 552-8	7.1	17
218	Assessment of the quality of groundwater for drinking purposes in the Upper West and Northern regions of Ghana. <i>SpringerPlus</i> , 2016 , 5, 2001		17
217	A physiological signature of sound meaning in dementia. <i>Cortex</i> , 2016 , 77, 13-23	3.8	17
216	CSF synaptic protein concentrations are raised in those with atypical Alzheimer's disease but not frontotemporal dementia. <i>Alzheimer's Research and Therapy</i> , 2019 , 11, 105	9	17
215	ApoE4 lowers age at onset in patients with frontotemporal dementia and tauopathy independent of amyloid- β pathology. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019 , 11, 277-280	5.2	16
214	Differential hippocampal shapes in posterior cortical atrophy patients: A comparison with control and typical AD subjects. <i>Human Brain Mapping</i> , 2015 , 36, 5123-36	5.9	16
213	Alzheimer's disease: mimics and chameleons. <i>Practical Neurology</i> , 2012 , 12, 358-66	2.4	16
212	Bilateral nucleus basalis of Meynert deep brain stimulation for dementia with Lewy bodies: A randomised clinical trial. <i>Brain Stimulation</i> , 2020 , 13, 1031-1039	5.1	15
211	Amyloid β peptides are differentially vulnerable to preanalytical surface exposure, an effect incompletely mitigated by the use of ratios. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018 , 10, 311-321	5.2	15
210	Transitioning from cerebrospinal fluid to blood tests to facilitate diagnosis and disease monitoring in Alzheimer's disease. <i>Journal of Internal Medicine</i> , 2021 , 290, 583-601	10.8	15

209	Serum and cerebrospinal fluid biomarker profiles in acute SARS-CoV-2-associated neurological syndromes. <i>Brain Communications</i> , 2021 , 3, fcab099	4.5	15
208	Searching for novel cerebrospinal fluid biomarkers of tau pathology in frontotemporal dementia: an elusive quest. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019 , 90, 740-746	5.5	14
207	Multimodal Image Analysis in Alzheimer's Disease via Statistical Modelling of Non-local Intensity Correlations. <i>Scientific Reports</i> , 2016 , 6, 22161	4.9	14
206	Inhibiting the Ca Influx Induced by Human CSF. <i>Cell Reports</i> , 2017 , 21, 3310-3316	10.6	14
205	Blood-based high sensitivity measurements of beta-amyloid and phosphorylated tau as biomarkers of Alzheimer's disease: a focused review on recent advances. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021 , 92, 1231-1241	5.5	14
204	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. <i>Alzheimer's Research and Therapy</i> , 2020 , 12, 20	9	13
203	Hippocampal subfield volumes and pre-clinical Alzheimer's disease in 408 cognitively normal adults born in 1946. <i>PLoS ONE</i> , 2019 , 14, e0224030	3.7	13
202	Using florbetapir positron emission tomography to explore cerebrospinal fluid cut points and gray zones in small sample sizes. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015 , 1, 440-446	5.2	13
201	Diffuse axonal injury predicts neurodegeneration after moderate-severe traumatic brain injury. <i>Brain</i> , 2020 , 143, 3685-3698	11.2	13
200	Plasma neurofilament light and phosphorylated tau 181 as biomarkers of Alzheimer's disease pathology and clinical disease progression. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 65	9	13
199	Effects of pre-analytical procedures on blood biomarkers for Alzheimer's pathophysiology, glial activation, and neurodegeneration. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021 , 13, e12168	5.2	12
198	Plasma P-tau181 to A β 2 ratio is associated with brain amyloid burden and hippocampal atrophy in an Asian cohort of Alzheimer's disease patients with concomitant cerebrovascular disease. <i>Alzheimer's and Dementia</i> , 2021 , 17, 1649-1662	1.2	12
197	Medicinal Plants Used in the Treatment of Mental and Neurological Disorders in Ghana. <i>Evidence-based Complementary and Alternative Medicine</i> , 2018 , 2018, 8590381	2.3	12
196	The functional neuroanatomy of musical memory in Alzheimer's disease. <i>Cortex</i> , 2019 , 115, 357-370	3.8	11
195	Construction and reconstruction of brain circuits: normal and pathological axon guidance. <i>Journal of Neurochemistry</i> , 2020 , 153, 10-32	6	11
194	Association between polygenic risk score of Alzheimer's disease and plasma phosphorylated tau in individuals from the Alzheimer's Disease Neuroimaging Initiative. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 17	9	11
193	Phosphorylated tau181 in plasma as a potential biomarker for Alzheimer's disease in adults with Down syndrome. <i>Nature Communications</i> , 2021 , 12, 4304	17.4	11
192	Diagnostic and prognostic plasma biomarkers for preclinical Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2021 ,	1.2	11

191	A Comparison of Accelerated and Non-accelerated MRI Scans for Brain Volume and Boundary Shift Integral Measures of Volume Change: Evidence from the ADNI Dataset. <i>Neuroinformatics</i> , 2017 , 15, 215-226	3.2	10
190	Extract of <i>Synedrella nodiflora</i> (L) Gaertn exhibits antipsychotic properties in murine models of psychosis. <i>BMC Complementary and Alternative Medicine</i> , 2017 , 17, 389	4.7	10
189	Disregard of neurological impairments associated with neglected tropical diseases in Africa. <i>ENeurologicalSci</i> , 2016 , 3, 11-14	2.1	10
188	The habenula: an under-recognised area of importance in frontotemporal dementia?. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016 , 87, 910-2	5.5	10
187	Understanding the Pathophysiological Actions of Tau Oligomers: A Critical Review of Current Electrophysiological Approaches. <i>Frontiers in Molecular Neuroscience</i> , 2020 , 13, 155	6.1	10
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97	[P1443]: MULTIPLE DISTINCT ATROPHY PATTERNS FOUND IN GENETIC FRONTOTEMPORAL DEMENTIA USING SUBTYPE AND STAGE INFERENCE (SUSTAIN) 2017 , 13, P453-P454		1
96	[IC-P-047]: THE ROLE OF HIPPOCAMPAL SUBFIELDS IN THE ATROPHY PROCESS IN ALZHEIMER'S DISEASE: AN IN-VIVO STUDY OF THE ADNI COHORT 2017 , 13, P40-P41		1
95	[IC-P-154]: CHARACTERISING THE PROGRESSION OF ALZHEIMER'S DISEASE SUBTYPES USING SUBTYPE AND STAGE INFERENCE (SUSTAIN) 2017 , 13, P116-P117		1
94	[O1003]: BIOMARKERS OF INFLAMMATION IN ALZHEIMER'S DISEASE 2017 , 13, P215		1
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78	Iatrogenic cerebral amyloid angiopathy: an emerging clinical phenomenon.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022 ,	5.5	1
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69	Mild Parkinsonian Signs: A Systematic Review of Clinical, Imaging, and Pathological Associations. <i>Movement Disorders</i> , 2021 , 36, 2481-2493	7	0
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- 46 P2-190: CLASSIFICATION OF PATHOLOGY USING BRAIN SUBSTRUCTURE VOLUMES IN POSTMORTEM CONFIRMED DEMENTIAS **2014**, 10, P540-P541
- 45 P4-189: Effect of brain-specific kinase-dependent tau phosphorylation on tauopathy-associated sundowning sleep behaviour **2015**, 11, P852-P852
- 44 [IC-P-004]: A COMPARISON OF TECHNIQUES FOR QUANTIFYING AMYLOID BURDEN ON A COMBINED PET/MR SCANNER **2017**, 13, P12-P13
- 43 [P4061]: LONGITUDINAL EVALUATION OF NEUROPSYCHOLOGICAL AND NEUROIMAGING PROGRESSION IN POSTERIOR CORTICAL ATROPHY **2017**, 13, P1382-P1383
- 42 [IC-P-079]: MULTIPLE DISTINCT ATROPHY PATTERNS FOUND IN GENETIC FRONTOTEMPORAL DEMENTIA USING SUBTYPE AND STAGE INFERENCE (SUSTAIN) **2017**, 13, P65-P66
- 41 [P2014]: CHARACTERISING THE PROGRESSION OF ALZHEIMER'S DISEASE SUBTYPES USING SUBTYPE AND STAGE INFERENCE (SUSTAIN) **2017**, 13, P791-P792
- 40 [P2045]: VASCULAR AND EARLY LIFE INFLUENCES ON CEREBROVASCULAR DISEASE IN INSIGHT 46: A SUB-STUDY OF THE MRC NATIONAL SURVEY OF HEALTH AND DEVELOPMENT (NSHD) BRITISH BIRTH COHORT **2017**, 13, P851-P853
- 39 [P3048]: EXPLORING THE POPULATION PREVALENCE OF AMYLOID BURDEN: AN ANALYSIS OF 250 INDIVIDUALS BORN IN MAINLAND BRITAIN IN THE SAME WEEK IN 1946 **2017**, 13, P1088-P1089
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- 37 [P4030]: LONGITUDINAL NEURITE ORIENTATION DISPERSION AND DENSITY IMAGING IN YOUNG-ONSET ALZHEIMER'S DISEASE **2017**, 13, P1359-P1360
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- 33 [P1065]: PROGRESSIVE CALLOSAL ATROPHY WITH STABLE MEMORY IMPAIRMENT IN FAMILIAL BRITISH DEMENTIA **2017**, 13, P465-P467
- 32 [P2041]: CSF NEUROGRANIN IS INCREASED IN FAMILIAL ALZHEIMER'S DISEASE **2017**, 13, P703-P704
- 31 [O40204]: SERUM NEUROFILAMENT LIGHT CONCENTRATION IN FAMILIAL ALZHEIMER'S DISEASE AND ASSOCIATION WITH MARKERS OF DISEASE STAGE AND SEVERITY **2017**, 13, P1230-P1231
- 30 [O50504]: BRAIN VOLUME, CEREBRAL AMYLOID DEPOSITION, AND AGEING: A STUDY OF OVER 200 INDIVIDUALS BORN IN THE SAME WEEK IN 1946 **2017**, 13, P1464-P1465

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- 25 P4-490: ALZHEIMER'S DISEASE POLYGENIC BURDEN BEYOND APOE ACTS STRONGER ON TAU THAN ON AMYLOID **2019**, 15, P1500-P1501
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