

Thomas K Karikari

List of Publications by Year in Descending Order

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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	Plasma p-tau231, p-tau181, PET biomarkers and cognitive change in older adults.. <i>Annals of Neurology</i> , 2022 ,	9.4	3
351	Amyloid processing in COVID-19 associated neurological syndromes.. <i>Journal of Neurochemistry</i> , 2022 ,	6	2
350	Cerebrospinal fluid p-tau231 as an early indicator of emerging pathology in Alzheimer's disease.. <i>EBioMedicine</i> , 2022 , 76, 103836	8.8	4
349	The accuracy and robustness of plasma biomarker models for amyloid PET positivity.. <i>Alzheimer's Research and Therapy</i> , 2022 , 14, 26	9	4
348	Comparing tau status determined via plasma pTau181, pTau231 and [F]MK6240 tau-PET.. <i>EBioMedicine</i> , 2022 , 76, 103837	8.8	1
347	A three-range approach enhances the prognostic utility of CSF biomarkers in Alzheimer's disease.. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2022 , 8, e12270	6	
346	Neurological signs of ageing 2022 , 561-569		
345	CSF biomarkers and plasma p-tau181 as predictors of longitudinal tau accumulation: Implications for clinical trial design.. <i>Alzheimer's and Dementia</i> , 2022 ,	1.2	3
344	Plasma biomarkers for Alzheimer's Disease in relation to neuropathology and cognitive change.. <i>Acta Neuropathologica</i> , 2022 , 143, 487	14.3	6
343	Development of a sensitive trial-ready poly(GP) CSF biomarker assay for -associated frontotemporal dementia and amyotrophic lateral sclerosis.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022 ,	5.5	2
342	New insights into the genetic etiology of Alzheimer's disease and related dementias.. <i>Nature Genetics</i> , 2022 ,	36.3	27
341	Familial British dementia: a clinical and multi-modal imaging case study.. <i>Journal of Neurology</i> , 2022 , 1	5.5	
340	Effect of Race on Prediction of Brain Amyloidosis by Plasma A β 2/A β 0, Phosphorylated Tau, and Neurofilament Ligh.. <i>Neurology</i> , 2022 ,	6.5	4
339	Alzheimer's Disease Plasma Biomarkers Distinguish Clinical Diagnostic Groups in Memory Clinic Patients.. <i>Dementia and Geriatric Cognitive Disorders</i> , 2022 , 1-11	2.6	0
338	Diagnostic value of serum versus plasma phospho-tau for Alzheimer's disease.. <i>Alzheimer's Research and Therapy</i> , 2022 , 14, 65	9	2
337	Blood phospho-tau in Alzheimer disease: analysis, interpretation, and clinical utility.. <i>Nature Reviews Neurology</i> , 2022 ,	15	4
336	Iatrogenic cerebral amyloid angiopathy: an emerging clinical phenomenon.. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022 ,	5.5	1

335	Population-based blood screening for pre-clinical Alzheimer's disease: a British birth cohort at age 70. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022 , 93, A91.2-A91	5.5	
334	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
333	Truncating tau reveals different pathophysiological actions of oligomers in single neurons. <i>Communications Biology</i> , 2021 , 4, 1265	6.7	0
332	Loss and dispersion of superficial white matter in Alzheimer's disease: a diffusion MRI study. <i>Brain Communications</i> , 2021 , 3, fcb272	4.5	1
331	Prodromal frontotemporal dementia: clinical features and predictors of progression. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 188	9	0
330	Association of Plasma p-tau181 and p-tau231 Concentrations With Cognitive Decline in Patients With Probable Dementia With Lewy Bodies. <i>JAMA Neurology</i> , 2021 ,	17.2	4
329	The global Alzheimer's Association round robin study on plasma amyloid methods. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021 , 13, e12242	5.2	2
328	Dissociable effects of β and β amyloid pathology on visual working memory. <i>Nature Aging</i> , 2021 , 1, 1002-1009		2
327	P-tau235: a novel biomarker for staging preclinical Alzheimer's disease. <i>EMBO Molecular Medicine</i> , 2021 , 13, e15098	12	4
326	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
325	A population-based study of head injury, cognitive function and pathological markers. <i>Annals of Clinical and Translational Neurology</i> , 2021 , 8, 842-856	5.3	1
324	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
323	Extract Depresses Excitatory Synaptic Transmission and Chemically-Induced Seizures in the Rat Hippocampus. <i>Frontiers in Pharmacology</i> , 2021 , 12, 610025	5.6	1
322	New insights into atypical Alzheimer's disease in the era of biomarkers. <i>Lancet Neurology</i> , 2021 , 20, 222-234	24.1	45
321	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
320	Plasma pTau181 predicts cortical brain atrophy in aging and Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 69	9	10
319	Evaluation of plasma tau and neurofilament light chain biomarkers in a 12-year clinical cohort of human prion diseases. <i>Molecular Psychiatry</i> , 2021 ,	15.1	10
318	Investigating the relationship between BMI across adulthood and late life brain pathologies. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 91	9	0

317	Plasma levels of phosphorylated tau 181 are associated with cerebral metabolic dysfunction in cognitively impaired and amyloid-positive individuals. <i>Brain Communications</i> , 2021 , 3, fcab073	4.5	7
316	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
315	Beyond the average patient: how neuroimaging models can address heterogeneity in dementia. <i>Brain</i> , 2021 , 144, 2946-2953	11.2	10
314	KL*VS heterozygosity reduces brain amyloid in asymptomatic at-risk APOE*4 carriers. <i>Neurobiology of Aging</i> , 2021 , 101, 123-129	5.6	4
313	Subjective cognitive complaints at age 70: associations with amyloid and mental health. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021 , 92, 1215-1221	5.5	2
312	Use of plasma biomarkers for AT(N) classification of neurodegenerative dementias. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021 , 92, 1206-1214	5.5	10
311	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
310	A multicentre validation study of the diagnostic value of plasma neurofilament light. <i>Nature Communications</i> , 2021 , 12, 3400	17.4	51
309	Association of plasma P-tau181 with memory decline in non-demented adults. <i>Brain Communications</i> , 2021 , 3, fcab136	4.5	3
308	A Clinicopathologic Study of Movement Disorders in Frontotemporal Lobar Degeneration. <i>Movement Disorders</i> , 2021 , 36, 632-641	7	2
307	Genetic testing in dementia - utility and clinical strategies. <i>Nature Reviews Neurology</i> , 2021 , 17, 23-36	15	4
306	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
305	Time course of phosphorylated-tau181 in blood across the Alzheimer's disease spectrum. <i>Brain</i> , 2021 , 144, 325-339	11.2	42
304	Mild cognitive impairment: the Manchester consensus. <i>Age and Ageing</i> , 2021 , 50, 72-80	3	20
303	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
302	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
301	Automated quantitative MRI volumetry reports support diagnostic interpretation in dementia: a multi-rater, clinical accuracy study. <i>European Radiology</i> , 2021 , 31, 5312-5323	8	8
300	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

299	Concordance of CSF measures of Alzheimer's pathology with amyloid PET status in a preclinical cohort: A comparison of Lumipulse and established immunoassays. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021 , 13, e12131	5.2	0
298	Investigating the Relationship Between IGF-I, IGF-II, and IGFBP-3 Concentrations and Later-Life Cognition and Brain Volume. <i>Journal of Clinical Endocrinology and Metabolism</i> , 2021 , 106, 1617-1629	5.6	2
297	Plasma p-tau231: a new biomarker for incipient Alzheimer's disease pathology. <i>Acta Neuropathologica</i> , 2021 , 141, 709-724	14.3	83
296	Plasma P-tau181 to Aβ2 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
295	Associations of Fully Automated CSF and Novel Plasma Biomarkers With Alzheimer Disease Neuropathology at Autopsy. <i>Neurology</i> , 2021 ,	6.5	5
294	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
293	Cerebrospinal fluid metallomics in cerebral amyloid angiopathy: an exploratory analysis. <i>Journal of Neurology</i> , 2021 , 1	5.5	2
292	Microglial activation and tau propagate jointly across Braak stages. <i>Nature Medicine</i> , 2021 , 27, 1592-1599	30.5	44
291	Aducanumab: a new phase in therapeutic development for Alzheimer's disease?. <i>EMBO Molecular Medicine</i> , 2021 , 13, e14781	12	19
290	Reply: Functional cognitive disorder: dementia's blind spot. <i>Brain</i> , 2021 , 144, e73	11.2	1
289	Grip strength from midlife as an indicator of later-life brain health and cognition: evidence from a British birth cohort. <i>BMC Geriatrics</i> , 2021 , 21, 475	4.1	2
288	Mild Parkinsonian Signs: A Systematic Review of Clinical, Imaging, and Pathological Associations. <i>Movement Disorders</i> , 2021 , 36, 2481-2493	7	0
287	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
286	Sex-related differences in whole brain volumes at age 70 in association with hyperglycemia during adult life.. <i>Neurobiology of Aging</i> , 2021 , 112, 161-169	5.6	0
285	Diagnostic and prognostic plasma biomarkers for preclinical Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2021 ,	1.2	11
284	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
283	A genome-wide association study of plasma phosphorylated tau181. <i>Neurobiology of Aging</i> , 2021 , 106, 304.e1-304.e3	5.6	1
282	Visuomotor integration deficits are common to familial and sporadic preclinical Alzheimer's disease. <i>Brain Communications</i> , 2021 , 3, fcab003	4.5	2

281	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
280	Serum and cerebrospinal fluid biomarker profiles in acute SARS-CoV-2-associated neurological syndromes. <i>Brain Communications</i> , 2021 , 3, fcab099	4.5	15
279	Clinical reporting following the quantification of cerebrospinal fluid biomarkers in Alzheimer's disease: An international overview.. <i>Alzheimer's and Dementia</i> , 2021 ,	1.2	3
278	Clinical reporting following the quantification of cerebrospinal fluid biomarkers in Alzheimer's disease: An international overview. <i>Alzheimer's and Dementia</i> , 2021 , 17,	1.2	1
277	The heterogeneous brain: Mapping individualised patterns of atrophy in Alzheimer's disease using spatial normative models. <i>Alzheimer's and Dementia</i> , 2021 , 17,	1.2	1
276	Plasma phospho-tau181 in over 400 cognitively healthy 69- to 71-year-olds: Associations with cerebral amyloid, structural imaging and cognition in the Insight 46 study. <i>Alzheimer's and Dementia</i> , 2020 , 16, e037848	1.2	
275	Vascular risk factors and amyloid pathology: Additive or interactive associations?. <i>Alzheimer's and Dementia</i> , 2020 , 16, e037922	1.2	
274	The differential genetic architecture between posterior cortical atrophy and amnesic Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020 , 16, e038851	1.2	0
273	Alzheimer's disease biomarker roadmap 2020: Fluid biomarkers. <i>Alzheimer's and Dementia</i> , 2020 , 16, e039557	1.2	0
272	Uncovering superficial white matter changes in young-onset Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020 , 16, e039746	1.2	
271	Performance on the graded naming test in a population-based sample of 72-year-olds: Associations with life-course predictors and amyloid pathology. <i>Alzheimer's and Dementia</i> , 2020 , 16, e040897	1.2	
270	Accelerated forgetting is sensitive to amyloid pathology and cerebral atrophy in cognitively normal 72-year-olds. <i>Alzheimer's and Dementia</i> , 2020 , 16, e040987	1.2	
269	APOE-ε4 carriers have superior recall on the 'What was where?' visual short-term memory binding test at age 70, despite a detrimental effect of amyloid. <i>Alzheimer's and Dementia</i> , 2020 , 16, e041090	1.2	2
268	Lifetime cigarette smoking and later-life brain health: The population-based 1946 British Birth Cohort. <i>Alzheimer's and Dementia</i> , 2020 , 16, e041111	1.2	
267	Ultrasensitive blood biomarkers to predict cognitive decline and diagnose Alzheimer's disease in the absence of AT(N) classification as the reference standard. <i>Alzheimer's and Dementia</i> , 2020 , 16, e041808	1.2	0
266	Cerebrospinal fluid tau biomarkers in the prediction and concordance of neurofibrillary tangle and amyloid pathology. <i>Alzheimer's and Dementia</i> , 2020 , 16, e041849	1.2	0
265	Plasma phospho-tau in familial Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020 , 16, e042921	1.2	
264	Cerebral amyloid and white matter hyperintensity volume are independently associated with rates of cerebral atrophy in Insight 46, a sub-study of the 1946 British birth cohort. <i>Alzheimer's and Dementia</i> , 2020 , 16, e044924	1.2	

263	CSF phosphorylated tau-217 is increased in Alzheimer's and Creutzfeldt-Jakob diseases and correlates with amyloid pathology. <i>Alzheimer's and Dementia</i> , 2020 , 16, e045296	1.2	3
262	Augmenting cognitive assessment with instruction-less Eye-tracking tests: A machine learning approach for detecting abnormal oculomotor biomarkers. <i>Alzheimer's and Dementia</i> , 2020 , 16, e045318	1.2	
261	An extensive plasmid library for preparing tau variants and studying their functional biochemistry. <i>Alzheimer's and Dementia</i> , 2020 , 16, e045387	1.2	
260	Augmenting cognitive assessment with instruction-less eye-tracking tests: A machine learning approach for detecting abnormal oculomotor biomarkers. <i>Alzheimer's and Dementia</i> , 2020 , 16, e045483	1.2	
259	Mid-life blood pressure and microstructural white matter: Findings from the 1946 British birth cohort. <i>Alzheimer's and Dementia</i> , 2020 , 16, e045707	1.2	
258	Multimodal modelling of the heterogeneity of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020 , 16, e045822	1.2	1
257	Serum neurofilament light and whole brain volume associate with machine-learning derived brain-predicted age in the British 1946 birth cohort. <i>Alzheimer's and Dementia</i> , 2020 , 16, e045965	1.2	1
256	Comparison of static and dynamic analysis techniques for longitudinal analysis of amyloid PET. <i>Alzheimer's and Dementia</i> , 2020 , 16, e045991	1.2	
255	Plasma-based biomarkers for A β and tau predict longitudinal brain atrophy in cognitively healthy elderly and in patients with Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2020 , 16, e046490	1.2	
254	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>Alzheimer's and Dementia</i> , 2020 , 16, e047539	1.2	2
253	How to diagnose difficult white matter disorders. <i>Practical Neurology</i> , 2020 , 20, 280-286	2.4	
252	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
251	The emerging spectrum of COVID-19 neurology: clinical, radiological and laboratory findings. <i>Brain</i> , 2020 , 143, 3104-3120	11.2	543
250	Olfactory testing does not predict A β amyloid, MRI measures of neurodegeneration or vascular pathology in the British 1946 birth cohort. <i>Journal of Neurology</i> , 2020 , 267, 3329-3336	5.5	1
249	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
248	Cerebrospinal Fluid YKL-40 and Chitotriosidase Levels in Frontotemporal Dementia Vary by Clinical, Genetic and Pathological Subtype. <i>Dementia and Geriatric Cognitive Disorders</i> , 2020 , 49, 56-76	2.6	7
247	Pure tone audiometry and cerebral pathology in healthy older adults. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020 , 91, 172-176	5.5	7
246	The Dementias Platform UK (DPUK) Data Portal. <i>European Journal of Epidemiology</i> , 2020 , 35, 601-611	12.1	23

245	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
244	Cerebrospinal Fluid Biomarkers in Cerebral Amyloid Angiopathy. <i>Journal of Alzheimer's Disease</i> , 2020 , 74, 1189-1201	4.3	19
243	An update on blood-based biomarkers for non-Alzheimer neurodegenerative disorders. <i>Nature Reviews Neurology</i> , 2020 , 16, 265-284	15	53
242	Study Protocol - Insight 46 Cardiovascular: A Sub-study of the MRC National Survey of Health and Development. <i>Artery Research</i> , 2020 , 26, 170-179	2.2	1
241	Association of plasma neurofilament light chain (pNfL) with neuroimaging markers of neurodegeneration and cerebrovascular disease. <i>Alzheimer's and Dementia</i> , 2020 , 16, e043060	1.2	
240	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
239	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
238	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. <i>British Journal of Nutrition</i> , 2020 , 123, 913-921	3.6	2
237	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
236	Plasma phospho-tau181 in presymptomatic and symptomatic familial Alzheimer's disease: a longitudinal cohort study. <i>Molecular Psychiatry</i> , 2020 ,	15.1	36
235	A blood miRNA signature associates with sporadic Creutzfeldt-Jakob disease diagnosis. <i>Nature Communications</i> , 2020 , 11, 3960	17.4	8
234	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
233	Increased variability in reaction time is associated with amyloid beta pathology at age 70. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2020 , 12, e12076	5.2	4
232	Functional cognitive disorder: dementia's blind spot. <i>Brain</i> , 2020 , 143, 2895-2903	11.2	27
231	Diffuse axonal injury predicts neurodegeneration after moderate-severe traumatic brain injury. <i>Brain</i> , 2020 , 143, 3685-3698	11.2	13
230	Measuring cortical mean diffusivity to assess early microstructural cortical change in presymptomatic familial Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2020 , 12, 112	9	7
229	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
228	Extensive Plasmid Library to Prepare Tau Protein Variants and Study Their Functional Biochemistry. <i>ACS Chemical Neuroscience</i> , 2020 , 11, 3117-3129	5.7	4

227	Altered DNA methylation profiles in blood from patients with sporadic Creutzfeldt-Jakob disease. <i>Acta Neuropathologica</i> , 2020 , 140, 863-879	14.3	3
226	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
225	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
224	Construction and reconstruction of brain circuits: normal and pathological axon guidance. <i>Journal of Neurochemistry</i> , 2020 , 153, 10-32	6	11
223	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> , 2020 , 19, 422-433	24.1	286
222	The C291R Tau Variant Forms Different Types of Protofibrils. <i>Frontiers in Molecular Neuroscience</i> , 2020 , 13, 39	6.1	7
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	Looking beyond the eyes: visual impairment in posterior cortical atrophy. <i>Lancet, The</i> , 2019 , 394, 1055	40	1
219	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
218	SILK studies - capturing the turnover of proteins linked to neurodegenerative diseases. <i>Nature Reviews Neurology</i> , 2019 , 15, 419-427	15	22
217	Longitudinal neuroanatomical and cognitive progression of posterior cortical atrophy. <i>Brain</i> , 2019 , 142, 2082-2095	11.2	36
216	Cerebrospinal Fluid Spermidine, Glutamine and Putrescine Predict Postoperative Delirium Following Elective Orthopaedic Surgery. <i>Scientific Reports</i> , 2019 , 9, 4191	4.9	7
215	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
214	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
213	Longitudinal measurement of serum neurofilament light in presymptomatic familial Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2019 , 11, 19	9	47
212	Biomarkers for Alzheimer's disease beyond amyloid and tau. <i>Nature Medicine</i> , 2019 , 25, 201-203	50.5	24
211	The functional neuroanatomy of musical memory in Alzheimer's disease. <i>Cortex</i> , 2019 , 115, 357-370	3.8	11
210	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

209	Use of the tau protein-to-peptide ratio in CSF to improve diagnostic classification of Alzheimer's disease.. <i>Clinical Mass Spectrometry</i> , 2019 , 14 Pt B, 74-82	1.9	1
208	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
207	Distinct Conformations, Aggregation and Cellular Internalization of Different Tau Strains. <i>Frontiers in Cellular Neuroscience</i> , 2019 , 13, 296	6.1	25
206	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
205	Prion disease diagnosis using subject-specific imaging biomarkers within a multi-kernel Gaussian process. <i>NeuroImage: Clinical</i> , 2019 , 24, 102051	5.3	2
204	Cognition at age 70: Life course predictors and associations with brain pathologies. <i>Neurology</i> , 2019 , 93, e2144-e2156	6.5	17
203	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
202	Differences in topological progression profile among neurodegenerative diseases from imaging data. <i>ELife</i> , 2019 , 8,	8.9	8
201	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
200	IC-P-007: CENTILOID SCALE TRANSFORMATION OF FLORBETAPIR DATA ACQUIRED ON A PET/MR SCANNER 2019 , 15, P17-P18		
199	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
198	P4-490: ALZHEIMER'S DISEASE POLYGENIC BURDEN BEYOND APOE ACTS STRONGER ON TAU THAN ON AMYLOID 2019 , 15, P1500-P1501		
197	O4-13-01: EARLY ADULTHOOD VASCULAR RISK STRONGLY PREDICTS BRAIN VOLUMES AND WHITE MATTER DISEASE, BUT NOT AMYLOID STATUS, AT AGE 69-71 YEARS: EVIDENCE FROM A BRITISH BIRTH COHORT 2019 , 15, P1269-P1270		
196	Incidental findings on brain imaging and blood tests: results from the first phase of Insight 46, a prospective observational substudy of the 1946 British birth cohort. <i>BMJ Open</i> , 2019 , 9, e029502	3	7
195	IC-P-006: LONGITUDINAL RATES OF AMYLOID ACCUMULATION IN A 70-YEAR OLD BRITISH BIRTH COHORT 2019 , 15, P16-P17		
194	Sleep symptoms in syndromes of frontotemporal dementia and Alzheimer's disease: A proof-of-principle behavioural study. <i>ENeurologicalSci</i> , 2019 , 17, 100212	2.1	6
193	Reduced acquisition time PET pharmacokinetic modelling using simultaneous ASL-MRI: proof of concept. <i>Journal of Cerebral Blood Flow and Metabolism</i> , 2019 , 39, 2419-2432	7.3	7
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185	Hippocampal subfield volumes and pre-clinical Alzheimer's disease in 408 cognitively normal adults born in 1946 2019 , 14, e0224030		
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183	Hippocampal subfield volumes and pre-clinical Alzheimer's disease in 408 cognitively normal adults born in 1946 2019 , 14, e0224030		
182	Hippocampal subfield volumes and pre-clinical Alzheimer's disease in 408 cognitively normal adults born in 1946 2019 , 14, e0224030		
181	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
180	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
179	Primary progressive aphasia: a clinical approach. <i>Journal of Neurology</i> , 2018 , 265, 1474-1490	5.5	101
178	Plasma tau is increased in frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2018 , 89, 804-807	5.5	28
177	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
176	Motor signatures of emotional reactivity in frontotemporal dementia. <i>Scientific Reports</i> , 2018 , 8, 1030	4.9	21
175	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
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173	Data-driven models of dominantly-inherited Alzheimer's disease progression. <i>Brain</i> , 2018 , 141, 1529-1544.	1.2	66
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166	Molecular biomarkers of Alzheimer's disease: progress and prospects. <i>DMM Disease Models and Mechanisms</i> , 2018 , 11,	4.1	109
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164	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
163	Genetic study of multimodal imaging Alzheimer's disease progression score implicates novel loci. <i>Brain</i> , 2018 , 141, 2167-2180	11.2	34
162	Kenya and Ghana set up national research funding schemes. <i>Nature</i> , 2018 , 557, 166	50.4	2
161	IC-P-151: AN EVENT-BASED MODEL OF ALZHEIMER'S DISEASE IN APOE+ SUBJECTS USING ROBUST BIOMARKERS OF VOLUMETRIC CHANGE IN REGIONAL BRAIN STRUCTURE 2018 , 14, P129-P129		
160	P3-196: DISTINCT CONFORMATIONS, AGGREGATION AND NEURONAL PROPAGATION OF DIFFERENT TAU STRAINS 2018 , 14, P1142-P1142		
159	P1-267: CEREBROSPINAL FLUID/PLASMA ALBUMIN RATIO PREDICTS POSTOPERATIVE DELIRIUM IN AN OLDER ELECTIVE ORTHOPAEDIC POPULATION 2018 , 14, P384-P384		
158	P3-420: AN EVENT BASED MODEL OF ALZHEIMER'S DISEASE IN APOE+ SUBJECTS USING ROBUST BIOMARKERS OF VOLUMETRIC CHANGE IN REGIONAL BRAIN STRUCTURE 2018 , 14, P1268-P1269		
157	P1-188: MODELLING AMYLOID BETA PROFILES IN IPSC-DERIVED CORTICAL NEURONS OF MULTIPLE FAMILIAL ALZHEIMER'S DISEASE GENOTYPES, INCLUDING A CASE STUDY OF SAME DONOR CULTURE MEDIA, CSF AND BRAIN TISSUE 2018 , 14, P350-P351		
156	O2-04-04: LONGITUDINAL MEASUREMENT OF SERUM NEUROFILAMENT LIGHT CONCENTRATION IN FAMILIAL ALZHEIMER'S DISEASE 2018 , 14, P623-P624		

155	P2-390: DIFFERENTIAL HIPPOCAMPAL SUBFIELD LOSS IN DIFFERENT PHENOTYPES OF YOUNG ONSET ALZHEIMER'S DISEASE 2018 , 14, P850-P851		
154	O3-14-04: THE PROTEIN-TO-PEPTIDE RATIO IMPROVES THE PERFORMANCE OF MICROTUBULE-ASSOCIATED PROTEIN TAU IN CSF AS AN ALZHEIMER BIOMARKER 2018 , 14, P1060-P1061		
153	P3-437: LONGITUDINAL CORTICAL THICKNESS IN SPORADIC YOUNG ONSET ALZHEIMER'S DISEASE 2018 , 14, P1281-P1281		
152	IC-P-076: GENOMEWIDE ASSOCIATION STUDY OF DATA-DRIVEN ALZHEIMER'S DISEASE SUBTYPES 2018 , 14, P67-P68		
151	O3-10-04: GENOMEWIDE ASSOCIATION STUDY OF DATA-DRIVEN ALZHEIMER'S DISEASE SUBTYPES 2018 , 14, P1042-P1043		1
150	P1-474: SURFACE-BASED ANALYSIS OF CORTICAL GREY MATTER MICROSTRUCTURE IN YOUNG-ONSET ALZHEIMER'S DISEASE USING NEURITE ORIENTATION DISPERSION AND DENSITY IMAGING (NODDI) 2018 , 14, P505-P505		
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146	P3-261: SERUM NEUROFILAMENT LIGHT CONCENTRATION AND PROGRESSION IN FAMILIAL ALZHEIMER'S DISEASE 2018 , 14, P1174-P1175		
145	P1-301: CERTAIN PLASMA N-TERMINAL TAU FRAGMENTS ARE ELEVATED IN AD AND AD-MCI COMPARED TO CONTROLS 2018 , 14, P405-P405		
144	P1-031: HEAD INJURY WITH LOSS OF CONSCIOUSNESS AND SUBSEQUENT COGNITIVE DECLINE: FOLLOW-UP IN THE 1946 BRITISH BIRTH COHORT STUDY 2018 , 14, P278-P279		1
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137	Imaging the ageing brain: identifying early disease or opening Pandora's box?. <i>Lancet Neurology, The</i> , 2017 , 16, 411-413	24.1	2
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135	The use of cerebrospinal fluid biomarkers to measure change in neurodegeneration in Alzheimer's disease clinical trials. <i>Expert Review of Neurotherapeutics</i> , 2017 , 17, 767-775	4.3	4
134	Clinical and genetic characterization of leukoencephalopathies in adults. <i>Brain</i> , 2017 , 140, 1204-1211	11.2	51
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130	A Model Approach to Public Engagement Training for Students in Developing Countries. <i>Journal of Microbiology and Biology Education</i> , 2017 , 18,	1.3	1
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126	[IC-P-004]: A COMPARISON OF TECHNIQUES FOR QUANTIFYING AMYLOID BURDEN ON A COMBINED PET/MR SCANNER 2017 , 13, P12-P13		
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124	[P4061]: LONGITUDINAL EVALUATION OF NEUROPSYCHOLOGICAL AND NEUROIMAGING PROGRESSION IN POSTERIOR CORTICAL ATROPHY 2017 , 13, P1382-P1383		
123	[P1043]: MULTIPLE DISTINCT ATROPHY PATTERNS FOUND IN GENETIC FRONTOTEMPORAL DEMENTIA USING SUBTYPE AND STAGE INFERENCE (SUSTAIN) 2017 , 13, P453-P454		1
122	[IC-P-079]: MULTIPLE DISTINCT ATROPHY PATTERNS FOUND IN GENETIC FRONTOTEMPORAL DEMENTIA USING SUBTYPE AND STAGE INFERENCE (SUSTAIN) 2017 , 13, P65-P66		
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115	[P2014]: CHARACTERISING THE PROGRESSION OF ALZHEIMER'S DISEASE SUBTYPES USING SUBTYPE AND STAGE INFERENCE (SUSTAIN) 2017 , 13, P791-P792		
114	[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		
113	[P3048]: EXPLORING THE POPULATION PREVALENCE OF β AMYLOID BURDEN: AN ANALYSIS OF 250 INDIVIDUALS BORN IN MAINLAND BRITAIN IN THE SAME WEEK IN 1946 2017 , 13, P1088-P1089		
112	[P3073]: A COMPARISON OF TECHNIQUES FOR QUANTIFYING AMYLOID BURDEN ON A COMBINED PET/MR SCANNER 2017 , 13, P1100-P1101		
111	[P4030]: LONGITUDINAL NEURITE ORIENTATION DISPERSION AND DENSITY IMAGING IN YOUNG-ONSET ALZHEIMER'S DISEASE 2017 , 13, P1359-P1360		
110	[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
109	[IC-P-154]: CHARACTERISING THE PROGRESSION OF ALZHEIMER'S DISEASE SUBTYPES USING SUBTYPE AND STAGE INFERENCE (SUSTAIN) 2017 , 13, P116-P117		1
108	[IC-P-168]: LONGITUDINAL NEURITE ORIENTATION DISPERSION AND DENSITY IMAGING IN YOUNG-ONSET ALZHEIMER'S DISEASE 2017 , 13, P127-P127		
107	[P1035]: THEMES AND VARIATIONS IN PPA: A CLINICAL AND NEUROBIOLOGICAL ANALYSIS OF THE UCL COHORT 2017 , 13, P384-P385		
106	[P1048]: CSF A β 2 CONCENTRATION INDEPENDENTLY PREDICTS POSTOPERATIVE DELIRIUM IN AN ELDERLY ELECTIVE ARTHROPLASTY POPULATION 2017 , 13, P390-P390		
105	[P1065]: PROGRESSIVE CALLOSAL ATROPHY WITH STABLE MEMORY IMPAIRMENT IN FAMILIAL BRITISH DEMENTIA 2017 , 13, P465-P467		
104	[P2041]: CSF NEUROGRANIN IS INCREASED IN FAMILIAL ALZHEIMER'S DISEASE 2017 , 13, P703-P704		
103	[O1003]: BIOMARKERS OF INFLAMMATION IN ALZHEIMER'S DISEASE 2017 , 13, P215		1
102	[O4004]: SERUM NEUROFILAMENT LIGHT CONCENTRATION IN FAMILIAL ALZHEIMER'S DISEASE AND ASSOCIATION WITH MARKERS OF DISEASE STAGE AND SEVERITY 2017 , 13, P1230-P1231		

101	[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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99	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
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89	Academic dishonesty in higher education: students' perceptions and involvement in an African institution. <i>BMC Research Notes</i> , 2016 , 9, 234	2.3	9
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84	Disregard of neurological impairments associated with neglected tropical diseases in Africa. <i>ENeurologicalSci</i> , 2016 , 3, 11-14	2.1	10

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70	The palmomental reflex: stop scratching around!. <i>Practical Neurology</i> , 2016 , 16, 500-501	2.4	4
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66	Acceleration of hippocampal atrophy rates in asymptomatic amyloidosis. <i>Neurobiology of Aging</i> , 2016 , 39, 99-107	5.6	18

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38	Neurogenomics: Challenges and opportunities for Ghana. <i>Applied & Translational Genomics</i> , 2015 , 5, 11-14		4
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25	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
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1	Biomarker modeling of Alzheimer's disease using PET-based Braak staging. <i>Nature Aging</i> ,		2