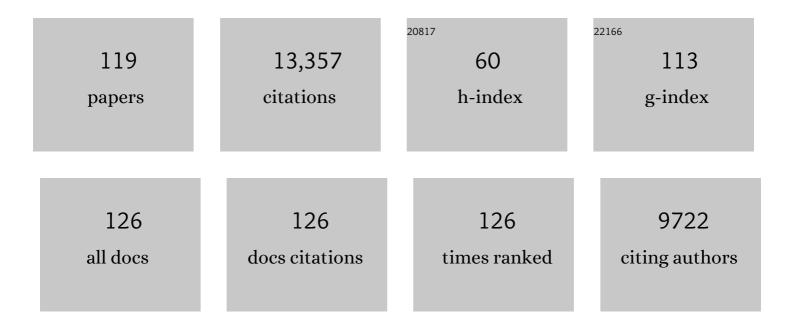
List of Publications by Year in descending order

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#	Article	IF	CITATIONS
1	Cerebrospinal Fluid Î <sup>2</sup> -Amyloid(1-42) in Alzheimer Disease. Archives of Neurology, 1999, 56, 673.	4.5	594
2	Evaluation of CSF-tau and CSF-Aβ42 as Diagnostic Markers for Alzheimer Disease in Clinical Practice. Archives of Neurology, 2001, 58, 373-9.	4.5	487
3	Detection of Proteins in Normal and Alzheimer's Disease Cerebrospinal Fluid with a Sensitive Sandwich Enzymeâ€Linked Immunosorbent Assay. Journal of Neurochemistry, 1993, 61, 1828-1834.	3.9	474
4	Quantification of tau phosphorylated at threonine 181 in human cerebrospinal fluid: a sandwich ELISA with a synthetic phosphopeptide for standardization. Neuroscience Letters, 2000, 285, 49-52.	2.1	452
5	Tau and Aβ42 in Cerebrospinal Fluid from Healthy Adults 21–93 Years of Age: Establishment of Reference Values. Clinical Chemistry, 2001, 47, 1776-1781.	3.2	420
6	Diagnosis-Independent Alzheimer Disease Biomarker Signature in Cognitively Normal Elderly People. Archives of Neurology, 2010, 67, 949.	4.5	407
7	Accuracy of a Panel of 5 Cerebrospinal Fluid Biomarkers in the Differential Diagnosis of Patients With Dementia and/or Parkinsonian Disorders. Archives of Neurology, 2012, 69, 1445.	4.5	407
8	Transient increase in total tau but not phospho-tau in human cerebrospinal fluid after acute stroke. Neuroscience Letters, 2001, 297, 187-190.	2.1	401
9	Simultaneous Measurement of β-Amyloid(1–42), Total Tau, and Phosphorylated Tau (Thr181) in Cerebrospinal Fluid by the xMAP Technology. Clinical Chemistry, 2005, 51, 336-345.	3.2	400
10	Measurement of Phosphorylated Tau Epitopes in the Differential Diagnosisof Alzheimer Disease. Archives of General Psychiatry, 2004, 61, 95.	12.3	390
11	A Practical Guide to Immunoassay Method Validation. Frontiers in Neurology, 2015, 6, 179.	2.4	348
12	The β-Secretase BACE1 in Alzheimer's Disease. Biological Psychiatry, 2021, 89, 745-756.	1.3	336
13	Standardization of measurement of β-amyloid <sub>(1-42)</sub> in cerebrospinal fluid and plasma. Amyloid: the International Journal of Experimental and Clinical Investigation: the Official Journal of the International Society of Amyloidosis, 2000, 7, 245-258.	3.0	286
14	Plasma p-tau231: a new biomarker for incipient Alzheimer's disease pathology. Acta Neuropathologica, 2021, 141, 709-724.	7.7	285
15	Recommendations to standardize preanalytical confounding factors in Alzheimer's and Parkinson's disease cerebrospinal fluid biomarkers: an update. Biomarkers in Medicine, 2012, 6, 419-430.	1.4	280
16	Biochemistry of Tau in Alzheimer's disease and related neurological disorders. Expert Review of Proteomics, 2008, 5, 207-224.	3.0	242
17	Evaluation of plasma Aβ40 and Aβ42 as predictors of conversion to Alzheimer's disease in patients with mild cognitive impairment. Neurobiology of Aging, 2010, 31, 357-367.	3.1	242
18	Cerebrospinal fluid tau and Aβ42 as predictors of development of Alzheimer's disease in patients with mild cognitive impairment. Neuroscience Letters, 1999, 273, 5-8.	2.1	239

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19	CSF Total tau, Aβ42 and Phosphorylated tau Protein as Biomarkers for Alzheimer's Disease. Molecular Neurobiology, 2001, 24, 087-098.	4.0	232
20	CSF levels of tau, β-amyloid 1-42 and GAP-43 in frontotemporal dementia, other types of dementia and normal aging. Journal of Neural Transmission, 2000, 107, 563-579.	2.8	227
21	Diagnostic performance of a CSF-biomarker panel in autopsy-confirmed dementia. Neurobiology of Aging, 2008, 29, 1143-1159.	3.1	217
22	Phospho-tau/total tau ratio in cerebrospinal fluid discriminates Creutzfeldt–Jakob disease from other dementias. Molecular Psychiatry, 2003, 8, 343-347.	7.9	209
23	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
24	Truncated beta-amyloid peptide species in pre-clinical Alzheimer's disease as new targets for the vaccination approach. Journal of Neurochemistry, 2003, 85, 1581-1591.	3.9	196
25	Cerebrospinal fluid α-synuclein in neurodegenerative disorders—A marker of synapse loss?. Neuroscience Letters, 2009, 450, 332-335.	2.1	194
26	Cerebrospinal Fluid Markers for Alzheimer's Disease Evaluated after Acute Ischemic Stroke. Journal of Alzheimer's Disease, 2000, 2, 199-206.	2.6	183
27	Neurogranin in cerebrospinal fluid as a marker of synaptic degeneration in Alzheimer's disease. Brain Research, 2010, 1362, 13-22.	2.2	180
28	Cerebrospinal Fluid Beta-Amyloid 42 Is Reduced before the Onset of Sporadic Dementia: A Population-Based Study in 85-Year-Olds. Dementia and Geriatric Cognitive Disorders, 2003, 15, 169-176.	1.5	170
29	Analytical performance and clinical utility of the INNOTEST® PHOSPHO-TAU(181P) assay for discrimination between Alzheimer's disease and dementia with Lewy bodies. Clinical Chemistry and Laboratory Medicine, 2006, 44, 1472-80.	2.3	145
30	Subgroups of Alzheimer's disease based on cerebrospinal fluid molecular markers. Annals of Neurology, 2005, 58, 748-757.	5.3	144
31	Cerebrospinal fluid levels of total-tau, phospho-tau and Aβ42 predicts development of Alzheimer's disease in patients with mild cognitive impairment. Acta Neurologica Scandinavica, 2003, 107, 47-51.	2.1	140
32	Nonfibrillar diffuse amyloid deposition due to a gamma42-secretase site mutation points to an essential role for N-truncated Abeta42 in Alzheimer's disease. Human Molecular Genetics, 2000, 9, 2589-2598.	2.9	135
33	Decreased CSF-β-Amyloid 42 in Alzheimer's Disease and Amyotrophic Lateral Sclerosis May Reflect Mismetabolism of β-Amyloid Induced by Disparate Mechanisms. Dementia and Geriatric Cognitive Disorders, 2002, 13, 112-118.	1.5	125
34	Plasma amyloid β 40/42 ratio predicts cerebral amyloidosis in cognitively normal individuals at risk for Alzheimer's disease. Alzheimer's and Dementia, 2019, 15, 764-775.	0.8	122
35	Intra-Individual Stability of CSF Biomarkers for Alzheimer's Disease over Two Years. Journal of Alzheimer's Disease, 2007, 12, 255-260.	2.6	117
36	Câ€ŧerminal neurogranin is increased in cerebrospinal fluid but unchanged in plasma in Alzheimer's disease. Alzheimer's and Dementia, 2015, 11, 1461-1469.	0.8	117

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37	No association of CSF biomarkers with APOEÂ4, plaque and tangle burden in definite Alzheimer's disease. Brain, 2007, 130, 2320-2326.	7.6	110
38	Evaluation of CSF Biomarkers as Predictors of Alzheimer's Disease: A Clinical Follow-Up Study of 4.7 Years. Journal of Alzheimer's Disease, 2010, 21, 1119-1128.	2.6	110
39	Plasma Levels of β-Amyloid(1-40), β-Amyloid(1-42), and Total β-Amyloid Remain Unaffected in Adult Patients With Hypercholesterolemia After Treatment With Statins. Archives of Neurology, 2004, 61, 333.	4.5	109
40	The Cerebrospinal Fluid Levels of Tau, Growth-Associated Protein-43 and Soluble Amyloid Precursor Protein Correlate in Alzheimer's Disease, Reflecting a Common Pathophysiological Process. Dementia and Geriatric Cognitive Disorders, 2001, 12, 257-264.	1.5	102
41	Identification of Novel α-Synuclein Isoforms in Human Brain Tissue by using an Online NanoLC-ESI-FTICR-MS Method. Neurochemical Research, 2011, 36, 2029-2042.	3.3	99
42	Multiplexed quantification of dementia biomarkers in the CSF of patients with early dementias and MCI: A multicenter study. Neurobiology of Aging, 2008, 29, 812-818.	3.1	94
43	Identification of two-dimensionally separated human cerebrospinal fluid proteins byN-terminal sequencing, matrix-assisted laser desorption/ionization — mass spectrometry, nanoliquid chromatography-electrospray ionization-time of flight-mass spectrometry, and tandem mass spectrometry. Electrophoresis. 2000. 21. 2266-2283.	2.4	91
44	Diagnostic and prognostic plasma biomarkers for preclinical Alzheimer's disease. Alzheimer's and Dementia, 2022, 18, 1141-1154.	0.8	89
45	Clinical and analytical comparison of six Simoa assays for plasma P-tau isoforms P-tau181, P-tau217, and P-tau231. Alzheimer's Research and Therapy, 2021, 13, 198.	6.2	87
46	The Effect of Simvastatin Treatment on the Amyloid Precursor Protein and Brain Cholesterol Metabolism in Patients with Alzheimer's Disease. Dementia and Geriatric Cognitive Disorders, 2005, 19, 256-265.	1.5	86
47	The utility of α-synuclein as biofluid marker in neurodegenerative diseases: a systematic review of the literature. Biomarkers in Medicine, 2016, 10, 19-34.	1.4	86
48	Aberrant Splicing in the Presenilin-1 Intron 4 Mutation Causes Presenile Alzheimer's Disease by Increased AÂ42 Secretion. Human Molecular Genetics, 1999, 8, 1529-1540.	2.9	84
49	Tau as a biomarker of neurodegenerative diseases. Biomarkers in Medicine, 2008, 2, 363-384.	1.4	83
50	Amino-Truncated β-Amyloid42 Peptides in Cerebrospinal Fluid and Prediction of Progression of Mild Cognitive Impairment. Clinical Chemistry, 2005, 51, 1650-1660.	3.2	82
51	Phosphorylation of amyloid precursor carboxy-terminal fragments enhances their processing by a gamma-secretase-dependent mechanism. Neurobiology of Disease, 2005, 20, 625-637.	4.4	82
52	Cerebrospinal beta-amyloid (1–42) in early Alzheimer's disease: association with apolipoprotein E genotype and cognitive decline. Neuroscience Letters, 2000, 284, 85-88.	2.1	81
53	Synaptic biomarkers in CSF aid in diagnosis, correlate with cognition and predict progression in MCI and Alzheimer's disease. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2019, 5, 871-882.	3.7	79
54	Characterization of Tau in Cerebrospinal Fluid Using Mass Spectrometry. Journal of Proteome Research, 2008, 7, 2114-2120.	3.7	74

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55	Low cerebrospinal fluid $\hat{l}^2$ -amyloid 42 in patients with acute bacterial meningitis and normalization after treatment. Neuroscience Letters, 2001, 314, 33-36.	2.1	71
56	Neurogranin and tau in cerebrospinal fluid and plasma of patients with acute ischemic stroke. BMC Neurology, 2017, 17, 170.	1.8	70
57	Increased CSF αâ€synuclein levels in Alzheimer's disease: Correlation with tau levels. Alzheimer's and Dementia, 2014, 10, S290-8.	0.8	69
58	An in vitro model for the study of microglia-induced neurodegeneration: involvement of nitric oxide and tumor necrosis factor-l±. Neurochemistry International, 2001, 38, 557-565.	3.8	68
59	CSF markers for pathogenic processes in Alzheimer's disease: diagnostic implications and use in clinical neurochemistry. Brain Research Bulletin, 2003, 61, 235-242.	3.0	68
60	Cerebrospinal fluid p-tau231 as an early indicator of emerging pathology in Alzheimer's disease. EBioMedicine, 2022, 76, 103836.	6.1	65
61	Added diagnostic value of CSF biomarkers in differential dementia diagnosis. Neurobiology of Aging, 2010, 31, 1867-1876.	3.1	63
62	Digital ELISA for the quantification of attomolar concentrations of Alzheimer's disease biomarker protein Tau in biological samples. Analytica Chimica Acta, 2018, 1015, 74-81.	5.4	60
63	Comparing the Clinical Utility and Diagnostic Performance of CSF P-Tau181, P-Tau217, and P-Tau231 Assays. Neurology, 2021, 97, e1681-e1694.	1.1	60
64	Relevance of Aβ42/40 Ratio for Detection of Alzheimer Disease Pathology in Clinical Routine: The PLMR Scale. Frontiers in Aging Neuroscience, 2018, 10, 138.	3.4	59
65	Postmortem changes in the phosphorylation state of tau-protein in the rat brain. Neurobiology of Aging, 1998, 19, 535-543.	3.1	57
66	Glycosylation of acetylcholinesterase and butyrylcholinesterase changes as a function of the duration of Alzheimer's disease. Journal of Neuroscience Research, 2003, 72, 520-526.	2.9	55
67	Monitoring of β-Amyloid Dynamics after Human Traumatic Brain Injury. Journal of Neurotrauma, 2014, 31, 42-55.	3.4	54
68	Evolution of Aβ42 and Aβ40 levels and Aβ42/Aβ40 ratio in plasma during progression of Alzheimer's disease: A multicenter assessment. Journal of Nutrition, Health and Aging, 2009, 13, 205-208.	3.3	52
69	Cerebrospinal fluid Ï,, and β-amyloid(1-42) in dementia disorders. Mechanisms of Ageing and Development, 2001, 122, 2005-2011.	4.6	50
70	Assessing the commutability of reference material formats for the harmonization of amyloid-β measurements. Clinical Chemistry and Laboratory Medicine, 2016, 54, 1177-1191.	2.3	49
71	The elusive tau molecular structures: can we translate the recent breakthroughs into new targets for intervention?. Acta Neuropathologica Communications, 2019, 7, 31.	5.2	49
72	Evidence That Aβ42 Plasma Levels in Presenilin-1 Mutation Carriers Do not Allow for Prediction of Their Clinical Phenotype. Neurobiology of Disease, 1999, 6, 280-287.	4.4	48

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73	Evaluation of Plasma Aβ as Predictor of Alzheimer's Disease in Older Individuals Without Dementia: A Population-Based Study. Journal of Alzheimer's Disease, 2012, 28, 231-238.	2.6	48
74	The Glu318Gly Substitution in Presenilin 1 Is Not Causally Related to Alzheimer Disease. American Journal of Human Genetics, 1999, 64, 290-292.	6.2	47
75	The Cerebrospinal Fluid Neurogranin/BACE1 Ratio is a Potential Correlate of Cognitive Decline in Alzheimer's Disease. Journal of Alzheimer's Disease, 2016, 53, 1523-1538.	2.6	46
76	Plasma pâ€ŧau231, pâ€ŧau181, <scp>PET</scp> Biomarkers, and Cognitive Change in Older Adults. Annals of Neurology, 2022, 91, 548-560.	5.3	42
77	Comparison of Two Analytical Platforms for the Clinical Qualification of Alzheimer's Disease Biomarkers in Pathologically-Confirmed Dementia. Journal of Alzheimer's Disease, 2012, 33, 117-131.	2.6	40
78	Microtubule-associated protein tau in human fibroblasts with the Swedish Alzheimer mutation. Neuroscience Letters, 1996, 220, 9-12.	2.1	37
79	TDP-43 as a possible biomarker for frontotemporal lobar degeneration: a systematic review of existing antibodies. Acta Neuropathologica Communications, 2015, 3, 15.	5.2	37
80	Neurogranin as Cerebrospinal Fluid Biomarker for Alzheimer Disease: An Assay Comparison Study. Clinical Chemistry, 2018, 64, 927-937.	3.2	37
81	Ceneration and characterization of mouse microglial cell lines. Journal of Neuroimmunology, 1994, 52, 153-164.	2.3	35
82	Comparing tau status determined via plasma pTau181, pTau231 and [18F]MK6240 tau-PET. EBioMedicine, 2022, 76, 103837.	6.1	34
83	<i>Tau</i> Immunoreactivity Detected in Human Plasma, But No Obvious Increase in Dementia. Dementia and Geriatric Cognitive Disorders, 1999, 10, 442-445.	1.5	31
84	Validation of a quantitative cerebrospinal fluid alpha-synuclein assay in a European-wide interlaboratory study. Neurobiology of Aging, 2015, 36, 2587-2596.	3.1	30
85	Developmental expression of tau proteins in the chicken and rat brain: Rapid downâ€regulation of a paired helical filament epitope in the rat cerebral cortex coincides with the transition from immature to adult tau isoforms. International Journal of Developmental Neuroscience, 1995, 13, 607-617.	1.6	29
86	Analytical aspects of molecular Alzheimer's disease biomarkers. Biomarkers in Medicine, 2012, 6, 377-389.	1.4	26
87	Brain AÎ <sup>2</sup> load association and sexual dimorphism of plasma BACE1 concentrations in cognitively normal individuals at risk for AD. Alzheimer's and Dementia, 2019, 15, 1274-1285.	0.8	25
88	Diagnostic value of serum versus plasma phospho-tau for Alzheimer's disease. Alzheimer's Research and Therapy, 2022, 14, 65.	6.2	25
89	Association of CSF apolipoprotein E, Aβ42 and cognition in Alzheimer's disease. Neurobiology of Aging, 2002, 23, 205-211.	3.1	24
90	Cerebrospinal fluid neurogranin/βâ€site APPâ€cleaving enzyme 1 predicts cognitive decline in preclinical Alzheimer's disease. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2018, 4, 617-627.	3.7	24

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91	Disease- and treatment-related elevation of the neurodegenerative marker tau in children with hematological malignancies. Leukemia, 2000, 14, 2076-2084.	7.2	23
92	Growth-associated protein 43 in lesions and cerebrospinal fluid in multiple sclerosis. Neuropathology and Applied Neurobiology, 2006, 32, 318-331.	3.2	22
93	Tau Monoclonal Antibody Generation Based on Humanized Yeast Models. Journal of Biological Chemistry, 2015, 290, 4059-4074.	3.4	21
94	Neurogranin and BACE1 in CSF as Potential Biomarkers Differentiating Depression with Cognitive Deficits from Early Alzheimer's Disease: A Pilot Study. Dementia and Geriatric Cognitive Disorders Extra, 2018, 8, 277-289.	1.3	20
95	CSF levels of the BACE1 substrate NRG1 correlate with cognition in Alzheimer's disease. Alzheimer's Research and Therapy, 2020, 12, 88.	6.2	20
96	Association of Plasma Aβ40 Peptides, But Not Aβ42, with Coronary Artery Disease and Diabetes Mellitus. Journal of Alzheimer's Disease, 2016, 52, 161-169.	2.6	18
97	Validation of soluble amyloidâ€Î² precursor protein assays as diagnostic <scp>CSF</scp> biomarkers for neurodegenerative diseases. Journal of Neurochemistry, 2016, 137, 112-121.	3.9	17
98	Unaltered Plasma Levels of β-Amyloid <sub>(1–40)</sub> and β-Amyloid <sub>(1–42)</sub> upon Stimulation of Human Platelets. Dementia and Geriatric Cognitive Disorders, 2003, 16, 93-97.	1.5	16
99	Neurotoxicity Marker Profiles in the CSF are not Age-Dependent but Show Variation in Children Treated for Acute Lymphoblastic Leukemia. NeuroToxicology, 2004, 25, 471-480.	3.0	16
100	β-Secretase1 biological markers for Alzheimer's disease: state-of-art of validation and qualification. Alzheimer's Research and Therapy, 2020, 12, 130.	6.2	16
101	Potential sources of interference on Abeta immunoassays in biological samples. Alzheimer's Research and Therapy, 2012, 4, 39.	6.2	14
102	Functional Mannose-Binding Lectin Haplotype Variants are Associated with Alzheimer's Disease. Journal of Alzheimer's Disease, 2013, 35, 121-127.	2.6	12
103	Phosphoâ€specific plasma pâ€tau181 assay detects clinical as well as asymptomatic Alzheimer's disease. Annals of Clinical and Translational Neurology, 2022, 9, 734-746.	3.7	11
104	A Novel Neurofilament Light Chain ELISA Validated in Patients with Alzheimer's Disease, Frontotemporal Dementia, and Subjective Cognitive Decline, and the Evaluation of Candidate Proteins for Immunoassay Calibration. International Journal of Molecular Sciences, 2022, 23, 7221.	4.1	11
105	Plasma βâ€secretase1 concentrations correlate with basal forebrain atrophy and neurodegeneration in cognitively healthy individuals at risk for AD. Alzheimer's and Dementia, 2021, 17, 629-640.	0.8	10
106	Pre-analytical stability of novel cerebrospinal fluid biomarkers. Clinica Chimica Acta, 2019, 497, 204-211.	1.1	9
107	BACE1 and Other Alzheimer's-Related Biomarkers in Cerebrospinal Fluid and Plasma Distinguish Alzheimer's Disease Patients from Cognitively-Impaired Neurosyphilis Patients. Journal of Alzheimer's Disease, 2020, 77, 313-322.	2.6	9
108	Critical Steps to be Taken into Consideration Before Quantification of β-Amyloid and Tau Isoforms in Blood can be Implemented in a Clinical Environment. Neurology and Therapy, 2019, 8, 129-145.	3.2	8

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109	A First Tetraplex Assay for the Simultaneous Quantification of Total α-Synuclein, Tau, β-Amyloid42 and DJ-1 in Human Cerebrospinal Fluid. PLoS ONE, 2016, 11, e0153564.	2.5	6
110	A Novel Tau Antibody Detecting the First Amino-Terminal Insert Reveals Conformational Differences Among Tau Isoforms. Frontiers in Molecular Biosciences, 2020, 7, 48.	3.5	5
111	P-tau subgroups in AD relate to distinct amyloid production and synaptic integrity profiles. Alzheimer's Research and Therapy, 2022, 14, .	6.2	5
112	Association of brain network dynamics with plasma biomarkers in subjective memory complainers. Neurobiology of Aging, 2020, 88, 83-90.	3.1	4
113	Tau as a molecular biomarker in cerebrospinal fluid and plasma. Neurobiology of Aging, 2014, 35, S23.	3.1	1
114	P4-232: A monoclonal antibody-based elisa for neurogranin. , 2015, 11, P869-P869.		1
115	CSF Markers for Early Alzheimer's Disease. , 0, , 275-283.		0
116	P2-127: TDP-43 AS A BIOMARKER FOR FRONTOTEMPORAL LOBE DEGENERATION: A SYSTEMATIC REVIEW OF EXISTING ANTIBODIES. , 2014, 10, P517-P518.		0
117	P1â€251: CSFâ€NEUROGRANIN, BUT NOT BACE1, IS AN ALZHEIMER'S DISEASE SPECIFIC BIOMARKER. Alzheimer' and Dementia, 2018, 14, P376.	<sup>S</sup> 0.8	0
118	Exploring molecular biomarkers with potential prognostic value in longitudinal observational studies on Alzheimer's disease. Alzheimer's and Dementia, 2020, 16, e047017.	0.8	0
119	Cerebrospinal fluid neurogranin in Alzheimer's disease studies: are immunoassay results interchangeable?. Clinical Chemistry and Laboratory Medicine, 2021, 60, e13-e17.	2.3	Ο