Niklas Mattsson

List of Publications by Year
in descending order

283 papers	24,394 citations	8172 76 h-index	9334 143 g-index
311 all docs	311 docs citations	311 times ranked	17827 citing authors

#	Article	IF	Citations
1	Prevalence of Cerebral Amyloid Pathology in Persons Without Dementia. JAMA - Journal of the American Medical Association, 2015, 313, 1924.	3.8	1,166
2	CSF Biomarkers and Incipient Alzheimer Disease in Patients With Mild Cognitive Impairment. JAMA - Journal of the American Medical Association, 2009, 302, 385.	3.8	1,009
3	Blood phosphorylated tau 181 as a biomarker for Alzheimer's disease: a diagnostic performance and prediction modelling study using data from four prospective cohorts. Lancet Neurology, The, 2020, 19, 422-433.	4.9	668
4	Association of Plasma Neurofilament Light With Neurodegeneration in Patients With Alzheimer Disease. JAMA Neurology, 2017, 74, 557.	4.5	664
5	Plasma P-tau181 in Alzheimer's disease: relationship to other biomarkers, differential diagnosis, neuropathology and longitudinal progression to Alzheimer's dementia. Nature Medicine, 2020, 26, 379-386.	15.2	643
6	Discriminative Accuracy of Plasma Phospho-tau217 for Alzheimer Disease vs Other Neurodegenerative Disorders. JAMA - Journal of the American Medical Association, 2020, 324, 772.	3.8	640
7	Earliest accumulation of β-amyloid occurs within the default-mode network and concurrently affects brain connectivity. Nature Communications, 2017, 8, 1214.	5.8	596
8	Strategic roadmap for an early diagnosis of Alzheimer's disease based on biomarkers. Lancet Neurology, The, 2017, 16, 661-676.	4.9	464
9	Diagnostic Value of Cerebrospinal Fluid Neurofilament Light Protein in Neurology. JAMA Neurology, 2019, 76, 1035.	4.5	455
10	Association Between Longitudinal Plasma Neurofilament Light and Neurodegeneration in Patients With Alzheimer Disease. JAMA Neurology, 2019, 76, 791.	4.5	436
11	Amyloid biomarkers in Alzheimer's disease. Trends in Pharmacological Sciences, 2015, 36, 297-309.	4.0	404
12	Plasma tau in Alzheimer disease. Neurology, 2016, 87, 1827-1835.	1.5	371
13	The Alzheimer's Association external quality control program for cerebrospinal fluid biomarkers. Alzheimer's and Dementia, 2011, 7, 386.	0.4	354
14	Association of Cerebrospinal Fluid Neurofilament Light Concentration With Alzheimer Disease Progression. JAMA Neurology, 2016, 73, 60.	4.5	354
15	CSF biomarker variability in the Alzheimer's Association quality control program. Alzheimer's and Dementia, 2013, 9, 251-261.	0.4	344
16	CSF Aβ42/Aβ40 and Aβ42/Aβ38 ratios: better diagnostic markers of Alzheimer disease. Annals of Clinical and Translational Neurology, 2016, 3, 154-165.	1.7	329
17	Discriminative Accuracy of [^{18}F]flortaucipir Positron Emission Tomography for Alzheimer Disease vs Other Neurodegenerative Disorders. JAMA - Journal of the American Medical Association, 2018, 320, 1151.	3.8	298
18	Cerebrospinal fluid analysis detects cerebral amyloid-β accumulation earlier than positron emission tomography. Brain, 2016, 139, 1226-1236.	3.7	292

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19	Detailed comparison of amyloid PET and CSF biomarkers for identifying early Alzheimer disease. Neurology, 2015, 85, 1240-1249.	1.5	288
20	Smoking and increased Alzheimer's disease risk: A review of potential mechanisms. Alzheimer's and Dementia, 2014, 10, S122-45.	0.4	285
21	Performance of Fully Automated Plasma Assays as Screening Tests for Alzheimer Disease–Related β-Amyloid Status. JAMA Neurology, 2019, 76, 1060.	4.5	282
22	Serum neurofilament light protein predicts clinical outcome in traumatic brain injury. Scientific Reports, 2016, 6, 36791.	1.6	281
23	Cerebrospinal fluid p-tau217 performs better than p-tau181 as a biomarker of Alzheimer's disease. Nature Communications, 2020, 11, 1683.	5.8	252
24	The cerebrospinal fluid "Alzheimer profile": Easily said, but what does it mean?. Alzheimer's and Dementia, 2014, 10, 713.	0.4	249
25	Prediction of future Alzheimer's disease dementia using plasma phospho-tau combined with other accessible measures. Nature Medicine, 2021, 27, 1034-1042.	15.2	236
26	Cerebrospinal fluid and plasma biomarker trajectories with increasing amyloid deposition in Alzheimer's disease. EMBO Molecular Medicine, 2019, 11, e11170.	3.3	228
27	Plasma phosphorylated tau 217 and phosphorylated tau 181 as biomarkers in Alzheimer's disease and frontotemporal lobar degeneration: a retrospective diagnostic performance study. Lancet Neurology, The, 2021, 20, 739-752.	4.9	220
28	Cerebrospinal fluid tau, neurogranin, and neurofilament light in Alzheimer's disease. EMBO Molecular Medicine, 2016, 8, 1184-1196.	3.3	219
29	CSF neurofilament light differs in neurodegenerative diseases and predicts severity and survival. Neurology, 2014, 83, 1945-1953.	1.5	213
30	CSF biomarkers of neuroinflammation and cerebrovascular dysfunction in early Alzheimer disease. Neurology, 2018, 91, e867-e877.	1.5	207
31	Aβ deposition is associated with increases in soluble and phosphorylated tau that precede a positive Tau PET in Alzheimer's disease. Science Advances, 2020, 6, eaaz2387.	4.7	202
32	Independent information from cerebrospinal fluid amyloid-β and florbetapir imaging in Alzheimer's disease. Brain, 2015, 138, 772-783.	3.7	200
33	Cerebrospinal fluid neurogranin: relation to cognition and neurodegeneration in Alzheimer's disease. Brain, 2015, 138, 3373-3385.	3.7	200
34	Plasma GFAP is an early marker of amyloid-β but not tau pathology in Alzheimer's disease. Brain, 2021, 144, 3505-3516.	3.7	198
35	Associations between tau, Aβ, and cortical thickness with cognition in Alzheimer disease. Neurology, 2019, 92, e601-e612.	1.5	196
36	Reporting standards for studies of diagnostic test accuracy in dementia. Neurology, 2014, 83, 364-373.	1.5	182

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37	Associations of Plasma Phospho-Tau217 Levels With Tau Positron Emission Tomography in Early Alzheimer Disease. JAMA Neurology, 2021, 78, 149.	4.5	176
38	The diagnostic and prognostic capabilities of plasma biomarkers in Alzheimer's disease. Alzheimer's and Dementia, 2021, 17, 1145-1156.	0.4	174
39	Diagnostic Performance of Cerebrospinal Fluid Total Tau and Phosphorylated Tau in Creutzfeldt-Jakob Disease. JAMA Neurology, 2014, 71, 476.	4.5	164
40	Biomarkers for tau pathology. Molecular and Cellular Neurosciences, 2019, 97, 18-33.	1.0	163
41	Serum Neurofilament Light Chain for Prognosis of Outcome After Cardiac Arrest. JAMA Neurology, 2019, 76, 64.	4.5	158
42	¹⁸Fâ€AVâ€1451 and CSF Tâ€tau and Pâ€tau as biomarkers in Alzheimer's disease. EMBO Molecular Medicine, 2017, 9, 1212-1223.	3.3	156
43	Discontinuation of proton pump inhibitors in patients on long-term therapy: a double-blind, placebo-controlled trial. Alimentary Pharmacology and Therapeutics, 2006, 24, 945-954.	1.9	155
44	Age and diagnostic performance of Alzheimer disease CSF biomarkers. Neurology, 2012, 78, 468-476.	1.5	154
45	Cerebrospinal fluid tau and amyloid-β$_{1-42}$ in patients with dementia. Brain, 2015, 138, 2716-2731.	3.7	152
46	Association of brain amyloid-β with cerebral perfusion and structure in Alzheimer's disease and mild cognitive impairment. Brain, 2014, 137, 1550-1561.	3.7	150
47	Longitudinal plasma p-tau217 is increased in early stages of Alzheimer's disease. Brain, 2020, 143, 3234-3241.	3.7	150
48	Staging **β**-Amyloid Pathology With Amyloid Positron Emission Tomography. JAMA Neurology, 2019, 76, 1319.	4.5	149
49	Accuracy of Tau Positron Emission Tomography as a Prognostic Marker in Preclinical and Prodromal Alzheimer Disease. JAMA Neurology, 2021, 78, 961.	4.5	148
50	Multiplex proteomics identifies novel CSF and plasma biomarkers of early Alzheimer's disease. Acta Neuropathologica Communications, 2019, 7, 169.	2.4	146
51	Magnetic resonance imaging in Alzheimer's Disease Neuroimaging Initiative 2. Alzheimer's and Dementia, 2015, 11, 740-756.	0.4	142
52	Diagnostic Performance of RO948 F 18 Tau Positron Emission Tomography in the Differentiation of Alzheimer Disease From Other Neurodegenerative Disorders. JAMA Neurology, 2020, 77, 955.	4.5	136
53	Association of Cerebral Amyloid-β Aggregation With Cognitive Functioning in Persons Without Dementia. JAMA Psychiatry, 2018, 75, 84.	6.0	133
54	Prevalence of amyloid-β pathology in distinct variants of primary progressive aphasia. Annals of Neurology, 2018, 84, 729-740.	2.8	132

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55	Predicting clinical decline and conversion to Alzheimer's disease or dementia using novel Elecsys Aβ(1–42), pTau and tTau CSF immunoassays. Scientific Reports, 2019, 9, 19024.	1.6	123
56	Untangling the association of amyloid-β and tau with synaptic and axonal loss in Alzheimer's disease. Brain, 2021, 144, 310-324.	3.7	123
57	Blood-based biomarkers for Alzheimer's disease. EMBO Molecular Medicine, 2022, 14, e14408.	3.3	122
58	Intra-Individual Stability of CSF Biomarkers for Alzheimer's Disease over Two Years. Journal of Alzheimer's Disease, 2007, 12, 255-260.	1.2	117
59	Plasma glial fibrillary acidic protein detects Alzheimer pathology and predicts future conversion to Alzheimer dementia in patients with mild cognitive impairment. Alzheimer's Research and Therapy, 2021, 13, 68.	3.0	117
60	Plasma biomarkers of Alzheimer's disease improve prediction of cognitive decline in cognitively unimpaired elderly populations. Nature Communications, 2021, 12, 3555.	5.8	115
61	Global standardization measurement of cerebral spinal fluid for Alzheimer's disease: An update from the Alzheimer's Association Global Biomarkers Consortium. Alzheimer's and Dementia, 2013, 9, 137-140.	0.4	105
62	Cerebrospinal Fluid Microglial Markers in Alzheimer's Disease: Elevated Chitotriosidase Activity but Lack of Diagnostic Utility. NeuroMolecular Medicine, 2011, 13, 151-159.	1.8	104
63	CSF biomarkers for the differential diagnosis of Alzheimer's disease: A large-scale international multicenter study. Alzheimer's and Dementia, 2015, 11, 1306-1315.	0.4	104
64	Apathy and anxiety are early markers of Alzheimer's disease. Neurobiology of Aging, 2020, 85, 74-82.	1.5	103
65	Clinical validity of cerebrospinal fluid Aβ42, tau, and phospho-tau as biomarkers for Alzheimer's disease in the context of a structured 5-phase development framework. Neurobiology of Aging, 2017, 52, 196-213.	1.5	100
66	The National Institute on Aging and the Alzheimer's Association Research Framework for Alzheimer's disease: Perspectives from the Research Roundtable. Alzheimer's and Dementia, 2018, 14, 563-575.	0.4	98
67	Prevalence Estimates of Amyloid Abnormality Across the Alzheimer Disease Clinical Spectrum. JAMA Neurology, 2022, 79, 228.	4.5	97
68	Diagnostic accuracy of CSF Ab42 and florbetapir PET for Alzheimer's disease. Annals of Clinical and Translational Neurology, 2014, 1, 534-543.	1.7	96
69	Determining clinically meaningful decline in preclinical Alzheimer disease. Neurology, 2019, 93, e322-e333.	1.5	96
70	Multiple comorbid neuropathologies in the setting of Alzheimer's disease neuropathology and implications for drug development. Alzheimer's and Dementia: Translational Research and Clinical Interventions, 2017, 3, 83-91.	1.8	94
71	Individualized prognosis of cognitive decline and dementia in mild cognitive impairment based on plasma biomarker combinations. Nature Aging, 2021, 1, 114-123.	5.3	94
72	Soluble P-tau217 reflects amyloid and tau pathology and mediates the association of amyloid with tau. EMBO Molecular Medicine, 2021, 13, e14022.	3.3	90

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73	Lysosomal Network Proteins as Potential Novel CSF Biomarkers for Alzheimer's Disease. NeuroMolecular Medicine, 2014, 16, 150-160.	1.8	89
74	The impact of preanalytical variables on measuring cerebrospinal fluid biomarkers for Alzheimer's disease diagnosis: A review. Alzheimer's and Dementia, 2018, 14, 1313-1333.	0.4	87
75	Serum tau and neurological outcome in cardiac arrest. Annals of Neurology, 2017, 82, 665-675.	2.8	86
76	Apolipoprotein E Genotype and the Diagnostic Accuracy of Cerebrospinal Fluid Biomarkers for Alzheimer Disease. JAMA Psychiatry, 2014, 71, 1183.	6.0	85
77	CSF/serum albumin ratio in dementias: a cross-sectional study on 1861 patients. Neurobiology of Aging, 2017, 59, 1-9.	1.5	84
78	Predicting diagnosis and cognition with [18]F‑AV‑1451 tau PET and structural MRI in Alzheimer's disease. Alzheimer's and Dementia, 2019, 15, 570-580.	0.4	84
79	Comparing ^{18}F-AV-1451 with CSF t-tau and p-tau for diagnosis of Alzheimer disease. Neurology, 2018, 90, e388-e395.	1.5	83
80	Revolutionizing Alzheimer's disease and clinical trials through biomarkers. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2015, 1, 412-419.	1.2	80
81	The implications of different approaches to define AT(N) in Alzheimer disease. Neurology, 2020, 94, e2233-e2244.	1.5	80
82	Inter-laboratory variation in cerebrospinal fluid biomarkers for Alzheimer's disease: united we stand, divided we fall. Clinical Chemistry and Laboratory Medicine, 2010, 48, 603-607.	1.4	78
83	An online nano‑LC‑ESI‑FTICR‑MS method for comprehensive characterization of endogenous fragments from amyloid β and amyloid precursor protein in human and cat cerebrospinal fluid. Journal of Mass Spectrometry, 2012, 47, 591-603.	0.7	78
84	Mild behavioral impairment and its relation to tau pathology in preclinical Alzheimer's disease. Translational Psychiatry, 2021, 11, 76.	2.4	78
85	Early stages of tau pathology and its associations with functional connectivity, atrophy and memory. Brain, 2021, 144, 2771-2783.	3.7	78
86	Longitudinal Cerebrospinal Fluid Biomarkers over Four Years in Mild Cognitive Impairment. Journal of Alzheimer's Disease, 2012, 30, 767-778.	1.2	76
87	Reference measurement procedures for Alzheimer's disease cerebrospinal fluid biomarkers: definitions and approaches with focus on amyloid β42. Biomarkers in Medicine, 2012, 6, 409-417.	0.6	76
88	Discriminatory Analysis of Biochip-Derived Protein Patterns in CSF and Plasma in Neurodegenerative Diseases. Frontiers in Aging Neuroscience, 2011, 3, 1.	1.7	73
89	Detecting amyloid positivity in early Alzheimer's disease using combinations of plasma Aβ42/Aβ40 and p‑tau. Alzheimer's and Dementia, 2022, 18, 283-293.	0.4	72
90	Cerebrospinal Fluid Profiles of Amyloid β-Related Biomarkers in Alzheimer's Disease. NeuroMolecular Medicine, 2012, 14, 65-73.	1.8	70

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91	Cerebrospinal Fluid Biomarkers for Alzheimer's Disease: Diagnostic Performance in a Homogeneous Mono-Center Population. Journal of Alzheimer's Disease, 2011, 24, 537-546.	1.2	68
92	Bidirectional links between Alzheimer's disease and Niemann–Pick type C disease. Neurobiology of Disease, 2014, 72, 37-47.	2.1	68
93	BACE1 Inhibition Induces a Specific Cerebrospinal Fluid β-Amyloid Pattern That Identifies Drug Effects in the Central Nervous System. PLoS ONE, 2012, 7, e31084.	1.1	68
94	Novel AβIsoforms in Alzheimer's Disease - Their Role in Diagnosis and Treatment. Current Pharmaceutical Design, 2011, 17, 2594-2602.	0.9	66
95	Serum but not cerebrospinal fluid levels of insulin-like growth factor-I (IGF-I) and IGF-binding protein-3 (IGFBP-3) are increased in Alzheimer's disease. Psychoneuroendocrinology, 2013, 38, 1729-1737.	1.3	66
96	Biomarker-Based Prediction of Longitudinal Tau Positron Emission Tomography in Alzheimer Disease. JAMA Neurology, 2022, 79, 149.	4.5	66
97	Plasma markers predict changes in amyloid, tau, atrophy and cognition in non-demented subjects. Brain, 2021, 144, 2826-2836.	3.7	65
98	The accumulation rate of tau aggregates is higher in females and younger amyloid-positive subjects. Brain, 2020, 143, 3805-3815.	3.7	65
99	γ-Secretase-dependent amyloid-β is increased in Niemann-Pick type C. Neurology, 2011, 76, 366-372.	1.5	62
100	Selective vulnerability in neurodegeneration: insights from clinical variants of Alzheimer's disease. Journal of Neurology, Neurosurgery and Psychiatry, 2016, 87, 1000-1004.	0.9	62
101	Time to Amyloid Positivity and Preclinical Changes in Brain Metabolism, Atrophy, and Cognition: Evidence for Emerging Amyloid Pathology in Alzheimer's Disease. Frontiers in Neuroscience, 2017, 11, 281.	1.4	62
102	CSF Biomarkers. Annals of the New York Academy of Sciences, 2009, 1180, 28-35.	1.8	60
103	Assessment of Peptide Chemical Modifications on the Development of an Accurate and Precise Multiplex Selected Reaction Monitoring Assay for Apolipoprotein E Isoforms. Journal of Proteome Research, 2014, 13, 1077-1087.	1.8	60
104	Chronic Depressive Symptomatology in Mild Cognitive Impairment Is Associated with Frontal Atrophy Rate which Hastens Conversion to Alzheimer Dementia. American Journal of Geriatric Psychiatry, 2016, 24, 126-135.	0.6	60
105	Comparing the Clinical Utility and Diagnostic Performance of CSF P-Tau181, P-Tau217, and P-Tau231 Assays. Neurology, 2021, 97, e1681-e1694.	1.5	60
106	Performance of a guideline-recommended algorithm for prognostication of poor neurological outcome after cardiac arrest. Intensive Care Medicine, 2020, 46, 1852-1862.	3.9	59
107	Cerebrospinal fluid neurofilament light concentration in motor neuron disease and frontotemporal dementia predicts survival. Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration, 2017, 18, 397-403.	1.1	58
108	Prevalence of the apolipoprotein E ε4 allele in amyloid β positive subjects across the spectrum of Alzheimer's disease. Alzheimer's and Dementia, 2018, 14, 913-924.	0.4	58

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109	Tau PET correlates with different Alzheimer's disease–related features compared to CSF and plasma p–tau biomarkers. EMBO Molecular Medicine, 2021, 13, e14398.	3.3	58
110	Peptidome Analysis of Cerebrospinal Fluid by LC-MALDI MS. PLoS ONE, 2012, 7, e42555.	1.1	57
111	CSF biomarkers in neurodegenerative diseases. Clinical Chemistry and Laboratory Medicine, 2011, 49, 345-352.	1.4	56
112	Greater tau load and reduced cortical thickness in APOE ε4-negative Alzheimer's disease: a cohort study. Alzheimer's Research and Therapy, 2018, 10, 77.	3.0	56
113	Reduced cerebrospinal fluid BACE1 activity in multiple sclerosis. Multiple Sclerosis Journal, 2009, 15, 448-454.	1.4	55
114	Association of Enlarged Perivascular Spaces and Measures of Small Vessel and Alzheimer Disease. Neurology, 2021, 96, e193-e202.	1.5	54
115	Current advances in plasma and cerebrospinal fluid biomarkers in Alzheimer's disease. Current Opinion in Neurology, 2021, 34, 266-274.	1.8	54
116	Determining cut-points for Alzheimer's disease biomarkers: statistical issues, methods and challenges. Biomarkers in Medicine, 2012, 6, 391-400.	0.6	52
117	CSF protein biomarkers predicting longitudinal reduction of CSF β-amyloid42 in cognitively healthy elders. Translational Psychiatry, 2013, 3, e293-e293.	2.4	51
118	Emerging β-Amyloid Pathology and Accelerated Cortical Atrophy. JAMA Neurology, 2014, 71, 725.	4.5	51
119	Serum markers of brain injury can predict good neurological outcome after out-of-hospital cardiac arrest. Intensive Care Medicine, 2021, 47, 984-994.	3.9	50
120	Neuroinflammation in Lyme neuroborreliosis affects amyloid metabolism. BMC Neurology, 2010, 10, 51.	0.8	49
121	Cerebrospinal fluid CXCL13 in Lyme neuroborreliosis and asymptomatic HIV infection. BMC Neurology, 2013, 13, 2.	0.8	49
122	Cerebrospinal fluid biomarkers and cerebral atrophy in distinct clinical variants of probable Alzheimer's disease. Neurobiology of Aging, 2015, 36, 2340-2347.	1.5	49
123	Assessing risk for preclinical β–amyloid pathology with <i>APOE</i>, cognitive, and demographic information. Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring, 2016, 4, 76-84.	1.2	49
124	Accurate risk estimation of β–amyloid positivity to identify prodromal Alzheimer's disease: Cross–validation study of practical algorithms. Alzheimer's and Dementia, 2019, 15, 194-204.	0.4	49
125	Cerebrospinal Fluid Biomarkers in Autopsy-Confirmed Alzheimer Disease and Frontotemporal Lobar Degeneration. Neurology, 2022, 98, .	1.5	49
126	To Know or Not to Know: Ethical Issues Related to Early Diagnosis of Alzheimer's Disease. International Journal of Alzheimer's Disease, 2010, 2010, 1-4.	1.1	48

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127	Mass Spectrometric Characterization of Amyloid-β Species in the 7PA2 Cell Model of Alzheimer's Disease. Journal of Alzheimer's Disease, 2012, 33, 85-93.	1.2	48
128	Increased amyloidogenic APP processing in APOE É›4-negative individuals with cerebral β-amyloidosis. Nature Communications, 2016, 7, 10918.	5.8	48
129	Understanding the cause of sporadic Alzheimer's disease. Expert Review of Neurotherapeutics, 2014, 14, 621-630.	1.4	47
130	Cerebrospinal Fluid (CSF) 25-Hydroxyvitamin D Concentration and CSF Acetylcholinesterase Activity Are Reduced in Patients with Alzheimer's Disease. PLoS ONE, 2013, 8, e81989.	1.1	45
131	A novel quantification-driven proteomic strategy identifies an endogenous peptide of pleiotrophin as a new biomarker of Alzheimer's disease. Scientific Reports, 2017, 7, 13333.	1.6	45
132	Leukocyte Telomere Length (LTL) is reduced in stable mild cognitive impairment but low LTL is not associated with conversion to Alzheimer's Disease: A pilot study. Experimental Gerontology, 2012, 47, 179-182.	1.2	44
133	Exploring Alzheimer Molecular Pathology in Down's Syndrome Cerebrospinal Fluid. Neurodegenerative Diseases, 2014, 14, 98-106.	0.8	44
134	Brain structure and function as mediators of the effects of amyloid on memory. Neurology, 2015, 84, 1136-1144.	1.5	44
135	Cerebrospinal fluid biomarkers of β-amyloid metabolism in multiple sclerosis. Multiple Sclerosis Journal, 2013, 19, 543-552.	1.4	43
136	The A4 study: *β*-amyloid and cognition in 4432 cognitively unimpaired adults. Annals of Clinical and Translational Neurology, 2020, 7, 776-785.	1.7	43
137	Effects of cerebrospinal fluid proteins on brain atrophy rates in cognitively healthy older adults. Neurobiology of Aging, 2014, 35, 614-622.	1.5	42
138	Predicting Reduction of Cerebrospinal Fluid β-Amyloid 42 in Cognitively Healthy Controls. JAMA Neurology, 2015, 72, 554.	4.5	42
139	Accelerating rates of cognitive decline and imaging markers associated with β-amyloid pathology. Neurology, 2016, 86, 1887-1896.	1.5	42
140	Relevance of biomarkers across different neurodegenerative diseases. Alzheimer's Research and Therapy, 2020, 12, 56.	3.0	42
141	A multicenter comparison of [18F]flortaucipir, [18F]RO948, and [18F]MK6240 tau PET tracers to detect a common target ROI for differential diagnosis. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 2295-2305.	3.3	41
142	Amyloid-β metabolism in Niemann-Pick C disease models and patients. Metabolic Brain Disease, 2012, 27, 573-585.	1.4	39
143	Proteomic profiling of cerebrospinal fluid in parkinsonian disorders. Parkinsonism and Related Disorders, 2010, 16, 545-549.	1.1	38
144	Reduced cerebrospinal fluid level of thyroxine in patients with Alzheimer's disease. Psychoneuroendocrinology, 2013, 38, 1058-1066.	1.3	38

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145	Cerebrospinal fluid analyses for the diagnosis of subarachnoid haemorrhage and experience from a Swedish study. What method is preferable when diagnosing a subarachnoid haemorrhage?. Clinical Chemistry and Laboratory Medicine, 2013, 51, 2073-2086.	1.4	37
146	Cerebrospinal fluid biomarkers for Alzheimer disease and subcortical axonal damage in 5,542 clinical samples. Alzheimer's Research and Therapy, 2013, 5, 47.	3.0	37
147	The transitional association between Î²â€‹amyloid pathology and regional brain atrophy. Alzheimer's and Dementia, 2015, 11, 1171-1179.	0.4	37
148	Serum GFAP and UCH-L1 for the prediction of neurological outcome in comatose cardiac arrest patients. Resuscitation, 2020, 154, 61-68.	1.3	37
149	Increasing the reproducibility of fluid biomarker studies in neurodegenerative studies. Nature Communications, 2020, 11, 6252.	5.8	36
150	Converging molecular pathways in human neural development and degeneration. Neuroscience Research, 2010, 66, 330-332.	1.0	34
151	Elevated cerebrospinal fluid F2-isoprostane levels indicating oxidative stress in healthy siblings of multiple sclerosis patients. Neuroscience Letters, 2007, 414, 233-236.	1.0	33
152	Cerebrospinal Fluid Brain Injury Biomarkers in Children: A Multicenter Study. Pediatric Neurology, 2013, 49, 31-39.e2.	1.0	33
153	Associations between partial pressure of oxygen and neurological outcome in out-of-hospital cardiac arrest patients: an explorative analysis of a randomized trial. Critical Care, 2019, 23, 30.	2.5	33
154	Biomarkers and cognitive endpoints to optimize trials in Alzheimer's disease. Annals of Clinical and Translational Neurology, 2015, 2, 534-547.	1.7	32
155	Perspectives in fluid biomarkers in neurodegeneration from the 2019 biomarkers in neurodegenerative diseases courseâ€"a joint PhD student course at University College London and University of Gothenburg. Alzheimer's Research and Therapy, 2020, 12, 20.	3.0	32
156	Î²-site amyloid precursor protein-cleaving enzyme 1(BACE1) inhibitor treatment induces AÎ²5-X peptides through alternative amyloid precursor protein cleavage. Alzheimer's Research and Therapy, 2014, 6, 75.	3.0	31
157	Carbon dioxide dynamics in relation to neurological outcome in resuscitated out-of-hospital cardiac arrest patients: an exploratory Target Temperature Management Trial substudy. Critical Care, 2018, 22, 196.	2.5	31
158	The influence of disease duration, clinical course, and immunosuppressive therapy on the synthesis of intrathecal oligoclonal IgG bands in multiple sclerosis. Journal of Neuroimmunology, 2013, 264, 100-105.	1.1	30
159	CSF biomarkers for Alzheimerâ€™s pathology and the effect size of APOE É›4. Molecular Psychiatry, 2014, 19, 148-149.	4.1	30
160	Interaction of Cigarette Smoking History With<i>APOE</i>Genotype and Age on Amyloid Level, Glucose Metabolism, and Neurocognition in Cognitively Normal Elders. Nicotine and Tobacco Research, 2016, 18, 204-211.	1.4	30
161	Cerebrospinal fluid concentrations of peptides derived from chromogranin B and secretogranin II are decreased in multiple sclerosis. Journal of Neurochemistry, 2007, 103, 1932-1939.	2.1	29
162	Elevated cerebrospinal fluid levels of prostaglandin E2 and 15<i>â€‹(S)â€‹</i>hydroxyeicosatetraenoic acid in multiple sclerosis. Journal of Internal Medicine, 2009, 265, 459-464.	2.7	28

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163	Altered Cerebrospinal Fluid Levels of Amyloid β and Amyloid Precursor-Like Protein 1 Peptides in Down's Syndrome. NeuroMolecular Medicine, 2014, 16, 510-516.	1.8	28
164	Cognitive and functional changes associated with Aβ pathology and the progression to mild cognitive impairment. Neurobiology of Aging, 2016, 48, 172-181.	1.5	28
165	β-amyloid pathology and hippocampal atrophy are independently associated with memory function in cognitively healthy elderly. Scientific Reports, 2019, 9, 11180.	1.6	28
166	Association Between Apolipoprotein E ε2 vs ε4, Age, and β-Amyloid in Adults Without Cognitive Impairment. JAMA Neurology, 2021, 78, 229.	4.5	28
167	Accelerated inflammatory aging in Alzheimer's disease and its relation to amyloid, tau, and cognition. Scientific Reports, 2021, 11, 1965.	1.6	28
168	Lessons from Multicenter Studies on CSF Biomarkers for Alzheimer's Disease. International Journal of Alzheimer's Disease, 2010, 2010, 1-5.	1.1	27
169	Cerebrospinal Fluid α-Synuclein and Lewy Body-Like Symptoms in Normal Controls, Mild Cognitive Impairment, and Alzheimer's Disease. Journal of Alzheimer's Disease, 2014, 43, 1007-1016.	1.2	27
170	Amyloid pathology in the progression to mild cognitive impairment. Neurobiology of Aging, 2018, 64, 76-84.	1.5	27
171	Data-driven approaches for tau-PET imaging biomarkers in Alzheimer's disease. Human Brain Mapping, 2019, 40, 638-651.	1.9	27
172	Comparing progression biomarkers in clinical trials of early Alzheimer's disease. Annals of Clinical and Translational Neurology, 2020, 7, 1661-1673.	1.7	27
173	The impact of demographic, clinical, genetic, and imaging variables on tau PET status. European Journal of Nuclear Medicine and Molecular Imaging, 2021, 48, 2245-2258.	3.3	27
174	Novel cerebrospinal fluid biomarkers of axonal degeneration in frontotemporal dementia. Molecular Medicine Reports, 2008, 1, 757-61.	1.1	26
175	Cortical Atrophy is Associated with Accelerated Cognitive Decline in Mild Cognitive Impairment with Subsyndromal Depression. American Journal of Geriatric Psychiatry, 2017, 25, 980-991.	0.6	26
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