

# Charlotte E Teunissen

## List of Publications by Year in descending order

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Version: 2024-02-01

564  
papers

27,807  
citations

7087

78  
h-index

9854

141  
g-index

635  
all docs

635  
docs citations

635  
times ranked

23201  
citing authors

#	ARTICLE	IF	CITATIONS
1	Alzheimer's disease. <i>Lancet, The</i> , 2021, 397, 1577-1590.	6.3	1,530
2	Neurofilaments as biomarkers in neurological disorders. <i>Nature Reviews Neurology</i> , 2018, 14, 577-589.	4.9	1,177
3	Prevalence of Cerebral Amyloid Pathology in Persons Without Dementia. <i>JAMA - Journal of the American Medical Association</i> , 2015, 313, 1924.	3.8	1,166
4	A consensus protocol for the standardization of cerebrospinal fluid collection and biobanking. <i>Neurology</i> , 2009, 73, 1914-1922.	1.5	653
5	Diagnostic value of plasma phosphorylated tau181 in Alzheimer's disease and frontotemporal lobar degeneration. <i>Nature Medicine</i> , 2020, 26, 387-397.	15.2	471
6	Diagnostic Value of Cerebrospinal Fluid Neurofilament Light Protein in Neurology. <i>JAMA Neurology</i> , 2019, 76, 1035.	4.5	455
7	Macrophages in inflammatory multiple sclerosis lesions have an intermediate activation status. <i>Journal of Neuroinflammation</i> , 2013, 10, 35.	3.1	409
8	Blood-based biomarkers for Alzheimer's disease: towards clinical implementation. <i>Lancet Neurology, The</i> , 2022, 21, 66-77.	4.9	360
9	The Alzheimer's Association external quality control program for cerebrospinal fluid biomarkers. <i>Alzheimer's and Dementia</i> , 2011, 7, 386.	0.4	354
10	A Practical Guide to Immunoassay Method Validation. <i>Frontiers in Neurology</i> , 2015, 6, 179.	1.1	348
11	CSF biomarker variability in the Alzheimer's Association quality control program. <i>Alzheimer's and Dementia</i> , 2013, 9, 251-261.	0.4	344
12	Perspectives on ethnic and racial disparities in Alzheimer's disease and related dementias: Update and areas of immediate need. <i>Alzheimer's and Dementia</i> , 2019, 15, 292-312.	0.4	310
13	Optimizing Patient Care and Research: The Amsterdam Dementia Cohort. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 313-327.	1.2	307
14	Recommendations to standardize preanalytical confounding factors in Alzheimer's and Parkinson's disease cerebrospinal fluid biomarkers: an update. <i>Biomarkers in Medicine</i> , 2012, 6, 419-430.	0.6	280
15	Standardization of preanalytical aspects of cerebrospinal fluid biomarker testing for Alzheimer's disease diagnosis: A consensus paper from the Alzheimer's Biomarkers Standardization Initiative. <i>Alzheimer's and Dementia</i> , 2012, 8, 65-73.	0.4	271
16	Cerebrospinal fluid markers for differential dementia diagnosis in a large memory clinic cohort. <i>Neurology</i> , 2012, 78, 47-54.	1.5	255
17	Cerebrospinal fluid levels of the synaptic protein neurogranin correlates with cognitive decline in prodromal Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2015, 11, 1180-1190.	0.4	254
18	Technical performance of a novel, fully automated electrochemiluminescence immunoassay for the quantitation of amyloid (1 $\beta$ ) in human cerebrospinal fluid. <i>Alzheimer's and Dementia</i> , 2016, 12, 517-526.	0.4	254

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19	Inflammation markers in relation to cognition in a healthy aging population. <i>Journal of Neuroimmunology</i> , 2003, 134, 142-150.	1.1	250
20	The cerebrospinal fluid "Alzheimer profile" Easily said, but what does it mean?. <i>Alzheimer's and Dementia</i> , 2014, 10, 713.	0.4	249
21	Conversion from clinically isolated syndrome to multiple sclerosis: A large multicentre study. <i>Multiple Sclerosis Journal</i> , 2015, 21, 1013-1024.	1.4	249
22	Biological markers in CSF and blood for axonal degeneration in multiple sclerosis. <i>Lancet Neurology</i> , The, 2005, 4, 32-41.	4.9	230
23	Plasma Amyloid as Prescreeener for the Earliest Alzheimer Pathological Changes. <i>Annals of Neurology</i> , 2018, 84, 648-658.	2.8	230
24	Proteomic analysis of cerebrospinal fluid extracellular vesicles: A comprehensive dataset. <i>Journal of Proteomics</i> , 2014, 106, 191-204.	1.2	222
25	Plasma phosphorylated tau 217 and phosphorylated tau 181 as biomarkers in Alzheimer's disease and frontotemporal lobar degeneration: a retrospective diagnostic performance study. <i>Lancet Neurology</i> , The, 2021, 20, 739-752.	4.9	220
26	Cerebrospinal fluid and blood biomarkers for neurodegenerative dementias: An update of the Consensus of the Task Force on Biological Markers in Psychiatry of the World Federation of Societies of Biological Psychiatry. <i>World Journal of Biological Psychiatry</i> , 2018, 19, 244-328.	1.3	215
27	Neurofilament light chain: a biomarker for genetic frontotemporal dementia. <i>Annals of Clinical and Translational Neurology</i> , 2016, 3, 623-636.	1.7	207
28	Plasma glial fibrillary acidic protein is elevated in cognitively normal older adults at risk of Alzheimer's disease. <i>Translational Psychiatry</i> , 2021, 11, 27.	2.4	207
29	Oligomeric and phosphorylated alpha-synuclein as potential CSF biomarkers for Parkinson's disease. <i>Molecular Neurodegeneration</i> , 2016, 11, 7.	4.4	198
30	Plasma GFAP is an early marker of amyloid- $\beta$ but not tau pathology in Alzheimer's disease. <i>Brain</i> , 2021, 144, 3505-3516.	3.7	198
31	Consensus guidelines for lumbar puncture in patients with neurological diseases. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017, 8, 111-126.	1.2	197
32	Neurofilaments as biomarkers in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2012, 18, 552-556.	1.4	195
33	Head-to-Head Comparison of 8 Plasma Amyloid- $\beta$ 42/40 Assays in Alzheimer Disease. <i>JAMA Neurology</i> , 2021, 78, 1375.	4.5	195
34	Combination of CSF N-acetylaspartate and neurofilaments in multiple sclerosis. <i>Neurology</i> , 2009, 72, 1322-1329.	1.5	189
35	Neurogranin as a Cerebrospinal Fluid Biomarker for Synaptic Loss in Symptomatic Alzheimer Disease. <i>JAMA Neurology</i> , 2015, 72, 1275.	4.5	183
36	Performance and complications of lumbar puncture in memory clinics: Results of the multicenter lumbar puncture feasibility study. <i>Alzheimer's and Dementia</i> , 2016, 12, 154-163.	0.4	179

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37	Biochemical markers related to Alzheimer's dementia in serum and cerebrospinal fluid. <i>Neurobiology of Aging</i> , 2002, 23, 485-508.	1.5	173
38	Cerebrospinal fluid A $\beta$ 42 is the best predictor of clinical progression in patients with subjective complaints. <i>Alzheimer's and Dementia</i> , 2013, 9, 481-487.	0.4	164
39	The clinical use of cerebrospinal fluid biomarker testing for Alzheimer's disease diagnosis: A consensus paper from the Alzheimer's Biomarkers Standardization Initiative. <i>Alzheimer's and Dementia</i> , 2014, 10, 808-817.	0.4	163
40	Prediction of dementia in MCI patients based on core diagnostic markers for Alzheimer disease. <i>Neurology</i> , 2013, 80, 1048-1056.	1.5	161
41	Chitinase 3-like 1: prognostic biomarker in clinically isolated syndromes. <i>Brain</i> , 2015, 138, 918-931.	3.7	147
42	Circulating metabolites and general cognitive ability and dementia: Evidence from 11 cohort studies. <i>Alzheimer's and Dementia</i> , 2018, 14, 707-722.	0.4	143
43	Associations Between Cerebral Small-Vessel Disease and Alzheimer Disease Pathology as Measured by Cerebrospinal Fluid Biomarkers. <i>JAMA Neurology</i> , 2014, 71, 855.	4.5	140
44	Inflammatory biomarkers in Alzheimer's disease plasma. <i>Alzheimer's and Dementia</i> , 2019, 15, 776-787.	0.4	134
45	Consensus definitions and application guidelines for control groups in cerebrospinal fluid biomarker studies in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2013, 19, 1802-1809.	1.4	133
46	Association of Cerebral Amyloid- $\beta$ 2 Aggregation With Cognitive Functioning in Persons Without Dementia. <i>JAMA Psychiatry</i> , 2018, 75, 84.	6.0	133
47	Selective impairment of hippocampus and posterior hub areas in Alzheimer's disease: an MEG-based multiplex network study. <i>Brain</i> , 2017, 140, 1466-1485.	3.7	132
48	Injury markers predict time to dementia in subjects with MCI and amyloid pathology. <i>Neurology</i> , 2012, 79, 1809-1816.	1.5	129
49	Combination of plasma amyloid beta(1-42/1-40) and glial fibrillary acidic protein strongly associates with cerebral amyloid pathology. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 118.	3.0	129
50	Serum neurofilament light chain in genetic frontotemporal dementia: a longitudinal, multicentre cohort study. <i>Lancet Neurology</i> , The, 2019, 18, 1103-1111.	4.9	128
51	Unbiased Approach to Counteract Upward Drift in Cerebrospinal Fluid Amyloid- $\beta$ 1 $\beta$ 42 Analysis Results. <i>Clinical Chemistry</i> , 2018, 64, 576-585.	1.5	126
52	Preclinical AD predicts decline in memory and executive functions in subjective complaints. <i>Neurology</i> , 2013, 81, 1409-1416.	1.5	122
53	Mild cognitive impairment with suspected nonamyloid pathology (SNAP). <i>Neurology</i> , 2015, 84, 508-515.	1.5	122
54	Concordance Between Cerebrospinal Fluid Biomarkers and [11C]PIB PET in a Memory Clinic Cohort. <i>Journal of Alzheimer's Disease</i> , 2014, 41, 801-807.	1.2	109

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55	Alzheimer's disease cerebrospinal fluid biomarker in cognitively normal subjects. <i>Brain</i> , 2015, 138, 2701-2715.	3.7	109
56	Brain network alterations in Alzheimer's disease measured by Eigenvector centrality in fMRI are related to cognition and CSF biomarkers. <i>Human Brain Mapping</i> , 2014, 35, 2383-2393.	1.9	108
57	Atrophy subtypes in prodromal Alzheimer's disease are associated with cognitive decline. <i>Brain</i> , 2018, 141, 3443-3456.	3.7	102
58	Cerebrospinal fluid VILIP-1 and YKL-40, candidate biomarkers to diagnose, predict and monitor Alzheimer's disease in a memory clinic cohort. <i>Alzheimer's Research and Therapy</i> , 2015, 7, 59.	3.0	101
59	Concomitant AD pathology affects clinical manifestation and survival in dementia with Lewy bodies. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2017, 88, 113-118.	0.9	100
60	Plasma Amyloid- $\beta^2$ (A $\beta^2$ ) Correlates with Cerebrospinal Fluid A $\beta^2$ in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2018, 62, 1857-1863.	1.2	100
61	Serum neurofilament light as a biomarker in progressive multiple sclerosis. <i>Neurology</i> , 2020, 95, 436-444.	1.5	100
62	Cerebral perfusion in the predementia stages of Alzheimer's disease. <i>European Radiology</i> , 2016, 26, 506-514.	2.3	99
63	Biobanking of CSF: International standardization to optimize biomarker development. <i>Clinical Biochemistry</i> , 2014, 47, 288-292.	0.8	97
64	ATN classification and clinical progression in subjective cognitive decline. <i>Neurology</i> , 2020, 95, e46-e58.	1.5	97
65	Prevalence Estimates of Amyloid Abnormality Across the Alzheimer Disease Clinical Spectrum. <i>JAMA Neurology</i> , 2022, 79, 228.	4.5	97
66	Understanding multifactorial brain changes in type 2 diabetes: a biomarker perspective. <i>Lancet Neurology</i> , The, 2020, 19, 699-710.	4.9	96
67	Clinical value of neurofilament and phospho-tau/tau ratio in the frontotemporal dementia spectrum. <i>Neurology</i> , 2018, 90, e1231-e1239.	1.5	94
68	Synaptic proteins in CSF as potential novel biomarkers for prognosis in prodromal Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 5.	3.0	94
69	STABILITY OF INTERLEUKIN 6, SOLUBLE INTERLEUKIN 6 RECEPTOR, INTERLEUKIN 10 AND CC16 IN HUMAN SERUM. <i>Cytokine</i> , 2002, 19, 228-235.	1.4	92
70	Decreased levels of the brain specific 24S-hydroxycholesterol and cholesterol precursors in serum of multiple sclerosis patients. <i>Neuroscience Letters</i> , 2003, 347, 159-162.	1.0	92
71	In vivo detection of myelin proteins in cervical lymph nodes of MS patients using ultrasound-guided fine-needle aspiration cytology. <i>Journal of Neuroimmunology</i> , 2005, 161, 190-194.	1.1	90
72	Serum neurofilament light chain levels are increased in patients with a clinically isolated syndrome. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, jnnp-2014-309690.	0.9	90

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73	Cerebrospinal fluid biomarkers of neurodegeneration, synaptic integrity, and astroglial activation across the clinical Alzheimer's disease spectrum. <i>Alzheimer's and Dementia</i> , 2019, 15, 644-654.	0.4	90
74	The identification of cognitive subtypes in Alzheimer's disease dementia using latent class analysis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016, 87, 235-243.	0.9	89
75	Pathophysiological subtypes of Alzheimer's disease based on cerebrospinal fluid proteomics. <i>Brain</i> , 2020, 143, 3776-3792.	3.7	89
76	Body fluid biomarkers for multiple sclerosis—the long road to clinical application. <i>Nature Reviews Neurology</i> , 2015, 11, 585-596.	4.9	88
77	The impact of preanalytical variables on measuring cerebrospinal fluid biomarkers for Alzheimer's disease diagnosis: A review. <i>Alzheimer's and Dementia</i> , 2018, 14, 1313-1333.	0.4	87
78	Subjective Cognitive Impairment Cohort (SCIENCE): study design and first results. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 76.	3.0	87
79	Clinical and analytical comparison of six Simoa assays for plasma P-tau isoforms P-tau181, P-tau217, and P-tau231. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 198.	3.0	87
80	Neurofilament ELISA validation. <i>Journal of Immunological Methods</i> , 2010, 352, 23-31.	0.6	86
81	Combination of serum markers related to several mechanisms in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2003, 24, 893-902.	1.5	85
82	Biomarker-based prognosis for people with mild cognitive impairment (ABIDE): a modelling study. <i>Lancet Neurology</i> , The, 2019, 18, 1034-1044.	4.9	85
83	Serum markers glial fibrillary acidic protein and neurofilament light for prognosis and monitoring in cognitively normal older people: a prospective memory clinic-based cohort study. <i>The Lancet Healthy Longevity</i> , 2021, 2, e87-e95.	2.0	85
84	Characterization of pre-analytical sample handling effects on a panel of Alzheimer's disease-related blood-based biomarkers: Results from the Standardization of Alzheimer's Blood Biomarkers (SABB) working group. <i>Alzheimer's and Dementia</i> , 2022, 18, 1484-1497.	0.4	84
85	Longitudinal cerebrospinal fluid biomarker trajectories along the Alzheimer's disease continuum in the BIOMARKAPD study. <i>Alzheimer's and Dementia</i> , 2019, 15, 742-753.	0.4	82
86	Roadmap and standard operating procedures for biobanking and discovery of neurochemical markers in ALS. <i>Amyotrophic Lateral Sclerosis and Other Motor Neuron Disorders</i> , 2012, 13, 1-10.	2.3	81
87	Discriminative and prognostic potential of cerebrospinal fluid phosphoTau/tau ratio and neurofilaments for frontotemporal dementia subtypes. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2015, 1, 505-512.	1.2	81
88	Safety, tolerability and efficacy of the glutaminy cyclase inhibitor PQ912 in Alzheimer's disease: results of a randomized, double-blind, placebo-controlled phase 2a study. <i>Alzheimer's Research and Therapy</i> , 2018, 10, 107.	3.0	80
89	Î±-Synuclein species as potential cerebrospinal fluid biomarkers for dementia with lewy bodies. <i>Movement Disorders</i> , 2018, 33, 1724-1733.	2.2	79
90	Cerebrospinal fluid biomarkers of neurodegeneration in chronic neurological diseases. <i>Expert Review of Molecular Diagnostics</i> , 2008, 8, 479-494.	1.5	77

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91	Cerebrospinal Fluid Alzheimer's Disease Biomarkers Across the Spectrum of Lewy Body Diseases: Results from a Large Multicenter Cohort. <i>Journal of Alzheimer's Disease</i> , 2016, 54, 287-295.	1.2	77
92	Cholesterol and markers of cholesterol turnover in multiple sclerosis: relationship with disease outcomes. <i>Multiple Sclerosis and Related Disorders</i> , 2016, 5, 53-65.	0.9	77
93	Interpreting Biomarker Results in Individual Patients With Mild Cognitive Impairment in the Alzheimer's Biomarkers in Daily Practice (ABIDE) Project. <i>JAMA Neurology</i> , 2017, 74, 1481.	4.5	77
94	EFNS guidelines on disease-specific CSF investigations. <i>European Journal of Neurology</i> , 2009, 16, 760.	1.7	73
95	Injury Markers but not Amyloid Markers are Associated with Rapid Progression from Mild Cognitive Impairment to Dementia in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2012, 29, 319-327.	1.2	73
96	Variability of CSF Alzheimer's Disease Biomarkers: Implications for Clinical Practice. <i>PLoS ONE</i> , 2014, 9, e100784.	1.1	72
97	Detecting amyloid positivity in early Alzheimer's disease using combinations of plasma A $\beta$ <sub>42</sub> /A $\beta$ <sub>40</sub> and p-tau. <i>Alzheimer's and Dementia</i> , 2022, 18, 283-293.	0.4	72
98	Matrix Metalloproteinases in Alzheimer's Disease and Concurrent Cerebral Microbleeds. <i>Journal of Alzheimer's Disease</i> , 2015, 48, 711-720.	1.2	71
99	Prediction of AD dementia by biomarkers following the NIA-AA and IWG diagnostic criteria in MCI patients from three European memory clinics. <i>Alzheimer's and Dementia</i> , 2015, 11, 1191-1201.	0.4	71
100	CSF neurofilament and N-acetylaspartate related brain changes in clinically isolated syndrome. <i>Multiple Sclerosis Journal</i> , 2013, 19, 436-442.	1.4	70
101	Oxysterols and cholesterol precursors correlate to magnetic resonance imaging measures of neurodegeneration in multiple sclerosis. <i>Multiple Sclerosis Journal</i> , 2014, 20, 412-417.	1.4	70
102	A metabolite-based machine learning approach to diagnose Alzheimer's type dementia in blood: Results from the European Medical Information Framework for Alzheimer disease biomarker discovery cohort. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2019, 5, 933-938.	1.8	70
103	CSF or Serum Neurofilament Light Added to $\alpha$ -Synuclein Panel Discriminates Parkinson's From Controls. <i>Movement Disorders</i> , 2020, 35, 288-295.	2.2	69
104	Novel diagnostic cerebrospinal fluid biomarkers for pathologic subtypes of frontotemporal dementia identified by proteomics. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2016, 2, 86-94.	1.2	68
105	Diagnostic cerebrospinal fluid biomarkers for Parkinson's disease: A pathogenetically based approach. <i>Neurobiology of Disease</i> , 2010, 39, 229-241.	2.1	67
106	HPA axis activity in multiple sclerosis correlates with disease severity, lesion type and gene expression in normal-appearing white matter. <i>Acta Neuropathologica</i> , 2013, 126, 237-249.	3.9	66
107	CSF Neurofilaments in Frontotemporal Dementia Compared with Early Onset Alzheimer's Disease and Controls. <i>Dementia and Geriatric Cognitive Disorders</i> , 2007, 23, 225-230.	0.7	64
108	The association of angiotensin-converting enzyme with biomarkers for Alzheimer's disease. <i>Alzheimer's Research and Therapy</i> , 2014, 6, 27.	3.0	63



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109	Primary fatty amides in plasma associated with brain amyloid burden, hippocampal volume, and memory in the European Medical Information Framework for Alzheimer's Disease biomarker discovery cohort. <i>Alzheimer's and Dementia</i> , 2019, 15, 817-827.	0.4	62
110	Apolipoprotein A1 in Cerebrospinal Fluid and Plasma and Progression to Alzheimer's Disease in Non-Demented Elderly. <i>Journal of Alzheimer's Disease</i> , 2017, 56, 687-697.	1.2	60
111	Unbiased estimates of cerebrospinal fluid $\text{A}\beta_{42}$ cutoffs in a large memory clinic population. <i>Alzheimer's Research and Therapy</i> , 2017, 9, 8.	3.0	60
112	Elecsys <sup>®</sup> Total-Tau and Phospho-Tau (181P) CSF assays: Analytical performance of the novel, fully automated immunoassays for quantification of tau proteins in human cerebrospinal fluid. <i>Clinical Biochemistry</i> , 2019, 72, 30-38.	0.8	60
113	Diagnostic impact of CSF biomarkers for Alzheimer's disease in a tertiary memory clinic. <i>Alzheimer's and Dementia</i> , 2015, 11, 523-532.	0.4	59
114	Cognitive subtypes of probable Alzheimer's disease robustly identified in four cohorts. <i>Alzheimer's and Dementia</i> , 2017, 13, 1226-1236.	0.4	59
115	Behavioural correlates of striatal glial fibrillary acidic protein in the 3-nitropropionic acid rat model: disturbed walking pattern and spatial orientation. <i>Neuroscience</i> , 2001, 105, 153-167.	1.1	58
116	Discovery and initial verification of differentially abundant proteins between multiple sclerosis patients and controls using iTRAQ and SID-SRM. <i>Journal of Proteomics</i> , 2013, 78, 312-325.	1.2	58
117	Prevalence of the apolipoprotein E $\epsilon 4$ allele in amyloid $\text{A}\beta$ positive subjects across the spectrum of Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2018, 14, 913-924.	0.4	58
118	Comparison of ELISA- and SIMOA-based quantification of plasma $\text{A}\beta_{42}$ ratios for early detection of cerebral amyloidosis. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 162.	3.0	58
119	$\text{A}\beta$ evokes NLRP3 inflammasome-mediated IL-1 $\beta$ secretion from primary human microglia. <i>Glia</i> , 2021, 69, 1413-1428.	2.5	58
120	The Dutch Parelinoer Institute - Neurodegenerative diseases; methods, design and baseline results. <i>BMC Neurology</i> , 2014, 14, 254.	0.8	57
121	The impact of pre-analytical variables on the stability of neurofilament proteins in CSF, determined by a novel validated SinglePlex Luminex assay and ELISA. <i>Journal of Immunological Methods</i> , 2014, 402, 43-49.	0.6	57
122	Alzheimer's biomarkers in daily practice (ABIDE) project: Rationale and design. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017, 6, 143-151.	1.2	57
123	Gut Microbiota Composition Is Related to AD Pathology. <i>Frontiers in Immunology</i> , 2021, 12, 794519.	2.2	57
124	Blood-based metabolic signatures in Alzheimer's disease. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2017, 8, 196-207.	1.2	56
125	Microbleeds relate to altered amyloid-beta metabolism in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2012, 33, 1011.e1-1011.e9.	1.5	55
126	Multitracer model for staging cortical amyloid deposition using PET imaging. <i>Neurology</i> , 2020, 95, e1538-e1553.	1.5	55



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127	Neuronal pentraxin 2: a synapse-derived CSF biomarker in genetic frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 612-621.	0.9	55
128	Normal CSF ferritin levels in MS suggest against etiologic role of chronic venous insufficiency. <i>Neurology</i> , 2010, 75, 1617-1622.	1.5	54
129	Use of amyloid-PET to determine cutpoints for CSF markers. <i>Neurology</i> , 2016, 86, 50-58.	1.5	54
130	Is retinal vasculature a biomarker in amyloid proven Alzheimer's disease?. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2019, 11, 383-391.	1.2	53
131	Consensus Guidelines for CSF and Blood Biobanking for CNS Biomarker Studies. <i>Multiple Sclerosis International</i> , 2011, 2011, 1-9.	0.4	52
132	Serial CSF sampling in Alzheimer's disease: specific versus non-specific markers. <i>Neurobiology of Aging</i> , 2012, 33, 1591-1598.	1.5	52
133	N-Acetylaspartate and neurofilaments as biomarkers of axonal damage in patients with progressive forms of multiple sclerosis. <i>Journal of Neurology</i> , 2014, 261, 2338-2343.	1.8	52
134	Amyloid- $\beta^2$ Oligomers Relate to Cognitive Decline in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015, 45, 35-43.	1.2	52
135	How to handle adsorption of cerebrospinal fluid amyloid $\beta^2$ (1-42) in laboratory practice? Identifying problematic handlings and resolving the issue by use of the $A\beta^{242} / A\beta^{240}$ ratio. , 2017, 13, 885-892.		52
136	Gray matter networks and clinical progression in subjects with predementia Alzheimer's disease. <i>Neurobiology of Aging</i> , 2018, 61, 75-81.	1.5	52
137	Diagnostic performance of Elecsys immunoassays for cerebrospinal fluid Alzheimer's disease biomarkers in a nonacademic, multicenter memory clinic cohort: The ABIDE project. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2018, 10, 563-572.	1.2	52
138	Kappa free light chains is a valid tool in the diagnostics of MS: A large multicenter study. <i>Multiple Sclerosis Journal</i> , 2020, 26, 912-923.	1.4	52
139	Homocysteine: a marker for cognitive performance? A longitudinal follow-up study. <i>Journal of Nutrition, Health and Aging</i> , 2003, 7, 153-9.	1.5	52
140	Proteolytic shedding of the macrophage scavenger receptor CD163 in multiple sclerosis. <i>Journal of Neuroimmunology</i> , 2007, 187, 179-186.	1.1	51
141	Brain-specific fatty acid-binding protein is elevated in serum of patients with dementia-related diseases. <i>European Journal of Neurology</i> , 2011, 18, 865-871.	1.7	51
142	Applying the ATN scheme in a memory clinic population. <i>Neurology</i> , 2019, 93, e1635-e1646.	1.5	51
143	The Alzheimer's Association international guidelines for handling of cerebrospinal fluid for routine clinical measurements of amyloid $\beta^2$ and tau. <i>Alzheimer's and Dementia</i> , 2021, 17, 1575-1582.	0.4	51
144	Diagnostic Value of the CSF $\beta^2$ -Synuclein Real-Time Quaking-Induced Conversion Assay at the Prodromal MCI Stage of Dementia With Lewy Bodies. <i>Neurology</i> , 2021, 97, e930-e940.	1.5	51

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145	Standardization of Assay Procedures for Analysis of the CSF Biomarkers Amyloid $\beta$ and Phosphorylated Tau in Alzheimer's Disease: Report of an International Workshop. <i>International Journal of Alzheimer's Disease</i> , 2010, 2010, 1-6.	1.1	50
146	Upward drift in cerebrospinal fluid amyloid $\beta$ 42 assay values for more than 10 years. <i>Alzheimer's and Dementia</i> , 2018, 14, 62-70.	0.4	50
147	Oncolytic virotherapy in glioblastoma patients induces a tumor macrophage phenotypic shift leading to an altered glioblastoma microenvironment. <i>Neuro-Oncology</i> , 2018, 20, 1494-1504.	0.6	50
148	Metabolic Age Based on the BBMRI-NL <sup>1</sup> H-NMR Metabolomics Repository as Biomarker of Age-related Disease. <i>Circulation Genomic and Precision Medicine</i> , 2020, 13, 541-547.	1.6	50
149	Cerebrospinal fluid biomarkers and cerebral atrophy in distinct clinical variants of probable Alzheimer's disease. <i>Neurobiology of Aging</i> , 2015, 36, 2340-2347.	1.5	49
150	Highly specific and ultrasensitive plasma test detects Abeta(1 $\beta$ 42) and Abeta(1 $\beta$ 40) in Alzheimer's disease. <i>Scientific Reports</i> , 2021, 11, 9736.	1.6	49
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