

# Markus Otto

## List of Publications by Year in descending order

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395  
papers

21,867  
citations

6613

79  
h-index

15266

126  
g-index

427  
all docs

427  
docs citations

427  
times ranked

20024  
citing authors

#	ARTICLE	IF	CITATIONS
1	Network structure and transcriptomic vulnerability shape atrophy in frontotemporal dementia. <i>Brain</i> , 2023, 146, 321-336.	7.6	30
2	A modified Camel and Cactus Test detects presymptomatic semantic impairment in genetic frontotemporal dementia within the GENFI cohort. <i>Applied Neuropsychology Adult</i> , 2022, 29, 112-119.	1.2	18
3	FRONTotemporal dementia Incidence European Research Studyâ€™FRONTIERS: Rationale and design. <i>Alzheimer's and Dementia</i> , 2022, 18, 498-506.	0.8	12
4	Comparison of clinical rating scales in genetic frontotemporal dementia within the GENFI cohort. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 158-168.	1.9	7
5	Comparison of CSF and serum neurofilament light and heavy chain as differential diagnostic biomarkers for ALS. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 68-74.	1.9	39
6	Practice effects in genetic frontotemporal dementia and at-risk individuals: a GENFI study. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 336-339.	1.9	1
7	Neuronal pentraxins as biomarkers of synaptic activity: from physiological functions to pathological changes in neurodegeneration. <i>Journal of Neural Transmission</i> , 2022, 129, 207-230.	2.8	26
8	A data-driven disease progression model of fluid biomarkers in genetic frontotemporal dementia. <i>Brain</i> , 2022, 145, 1805-1817.	7.6	27
9	Stratifying the Presymptomatic Phase of Genetic Frontotemporal Dementia by Serum $\text{NfL}$ and $\text{pNfH}$ : A Longitudinal Multicentre Study. <i>Annals of Neurology</i> , 2022, 91, 33-47.	5.3	21
10	Infantile SOD1 deficiency syndrome caused by a homozygous $\text{SOD1}$ variant with absence of enzyme activity. <i>Brain</i> , 2022, 145, 872-878.	7.6	10
11	Surfactant Protein-G in Wildtype and 3xTg-AD Mice: Localization in the Forebrain, Age-Dependent Hippocampal Dot-like Deposits and Brain Content. <i>Biomolecules</i> , 2022, 12, 96.	4.0	3
12	Utility of the Repeat and Point Test for Subtyping Patients With Primary Progressive Aphasia. <i>Alzheimer Disease and Associated Disorders</i> , 2022, Publish Ahead of Print, .	1.3	1
13	Cognitive composites for genetic frontotemporal dementia: GENFI-Cog. <i>Alzheimer's Research and Therapy</i> , 2022, 14, 10.	6.2	4
14	An Automated Toolbox to Predict Single Subject Atrophy in Presymptomatic Granulin Mutation Carriers. <i>Journal of Alzheimer's Disease</i> , 2022, , 1-14.	2.6	3
15	Differential Expression of Serum Extracellular Vesicle miRNAs in Multiple Sclerosis: Disease-Stage Specificity and Relevance to Pathophysiology. <i>International Journal of Molecular Sciences</i> , 2022, 23, 1664.	4.1	11
16	A one-year longitudinal evaluation of cerebrospinal fluid and blood neurochemical markers in a patient with cryptococcal meningitis complicated by ischemic stroke.. <i>Journal of the Neurological Sciences</i> , 2022, 432, 120090.	0.6	3
17	Cerebrospinal fluid biomarkers of disease activity and progression in amyotrophic lateral sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 422-435.	1.9	22
18	Blood $\beta$ -Synuclein and Neurofilament Light Chain During the Course of Prion Disease. <i>Neurology</i> , 2022, , 10.1212/WNL.000000000200002.	1.1	11

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19	Examining empathy deficits across familial forms of frontotemporal dementia within the GENFI cohort. <i>Cortex</i> , 2022, 150, 12-28.	2.4	2
20	Alpha and Beta Synucleins: From Pathophysiology to Clinical Application as Biomarkers. <i>Movement Disorders</i> , 2022, 37, 669-683.	3.9	30
21	Data-driven staging of genetic frontotemporal dementia using multi-modal MRI. <i>Human Brain Mapping</i> , 2022, 43, 1821-1835.	3.6	7
22	Blood GFAP as an emerging biomarker in brain and spinal cord disorders. <i>Nature Reviews Neurology</i> , 2022, 18, 158-172.	10.1	205
23	Conceptual framework for the definition of preclinical and prodromal frontotemporal dementia. <i>Alzheimer's and Dementia</i> , 2022, 18, 1408-1423.	0.8	24
24	Prodynorphin and Proenkephalin in Cerebrospinal Fluid of Sporadic Creutzfeldt-Jakob Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 2051.	4.1	5
25	Structural brain splitting is a hallmark of Granulin-related frontotemporal dementia. <i>Neurobiology of Aging</i> , 2022, , .	3.1	1
26	Serum neurofilament light-chain levels in children with monophasic myelin oligodendrocyte glycoprotein-associated disease, multiple sclerosis, and other acquired demyelinating syndrome. <i>Multiple Sclerosis Journal</i> , 2022, 28, 1553-1561.	3.0	20
27	Anomia is present pre-symptomatically in frontotemporal dementia due to MAPT mutations. <i>Journal of Neurology</i> , 2022, 269, 4322-4332.	3.6	1
28	The CBI detects early behavioural impairment in genetic frontotemporal dementia. <i>Annals of Clinical and Translational Neurology</i> , 2022, 9, 644-658.	3.7	1
29	Frontotemporal Lobar Degeneration Case with an N-Terminal TUBA4A Mutation Exhibits Reduced TUBA4A Levels in the Brain and TDP-43 Pathology. <i>Biomolecules</i> , 2022, 12, 440.	4.0	5
30	Serum Beta-Synuclein Is Higher in Down Syndrome and Precedes Rise of pTau181. <i>Annals of Neurology</i> , 2022, 92, 6-10.	5.3	9
31	Development of a sensitive trial-ready poly(GP) CSF biomarker assay for C9orf72-associated frontotemporal dementia and amyotrophic lateral sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 761-771.	1.9	12
32	Clinical reporting following the quantification of cerebrospinal fluid biomarkers in Alzheimer's disease: An international overview. <i>Alzheimer's and Dementia</i> , 2022, 18, 1868-1879.	0.8	26
33	Quantitative analysis of regional distribution of tau pathology with 11C-PBB3-PET in a clinical setting. <i>PLoS ONE</i> , 2022, 17, e0266906.	2.5	7
34	Comparative analysis of machine learning algorithms for multi-syndrome classification of neurodegenerative syndromes. <i>Alzheimer's Research and Therapy</i> , 2022, 14, 62.	6.2	9
35	Longitudinal Cognitive Changes in Genetic Frontotemporal Dementia Within the GENFI Cohort. <i>Neurology</i> , 2022, 99, .	1.1	5
36	Exploring the brain metabolic correlates of process-specific CSF biomarkers in patients with MCI due to Alzheimer's disease: preliminary data. <i>Neurobiology of Aging</i> , 2022, 117, 212-221.	3.1	4

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37	Increased NF-L levels in the TDP-43G298S ALS mouse model resemble NF-L levels in ALS patients. <i>Acta Neuropathologica</i> , 2022, 144, 161-164.	7.7	1
38	Serum GFAP differentiates Alzheimer's disease from frontotemporal dementia and predicts MCI-to-dementia conversion. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2022, 93, 659-667.	1.9	21
39	Serum glial fibrillary acidic protein indicates memory impairment in patients with chronic heart failure. <i>ESC Heart Failure</i> , 2022, 9, 2626-2634.	3.1	11
40	Factors associated with mortality in early stages of parkinsonism. <i>Npj Parkinson's Disease</i> , 2022, 8, .	5.3	4
41	Specific Cerebrospinal Fluid SerpinA1 Isoform Pattern in Alzheimer's Disease. <i>International Journal of Molecular Sciences</i> , 2022, 23, 6922.	4.1	2
42	Cerebrospinal fluid levels of proenkephalin and prodynorphin are differentially altered in Huntington's and Parkinson's disease. <i>Journal of Neurology</i> , 2022, 269, 5136-5143.	3.6	6
43	Cerebrospinal Fluid Levels of Prodynorphin-Derived Peptides are Decreased in Huntington's Disease. <i>Movement Disorders</i> , 2021, 36, 492-497.	3.9	12
44	Fluid biomarkers in frontotemporal dementia: past, present and future. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 204-215.	1.9	62
45	Brain functional network integrity sustains cognitive function despite atrophy in presymptomatic genetic frontotemporal dementia. <i>Alzheimer's and Dementia</i> , 2021, 17, 500-514.	0.8	36
46	Apathy in presymptomatic genetic frontotemporal dementia predicts cognitive decline and is driven by structural brain changes. <i>Alzheimer's and Dementia</i> , 2021, 17, 969-983.	0.8	31
47	Necrosome-positive granulovacuolar degeneration is associated with TDP43 pathological lesions in the hippocampus of ALS/FTLD cases. <i>Neuropathology and Applied Neurobiology</i> , 2021, 47, 328-345.	3.2	15
48	Guillain-Barré syndrome spectrum associated with COVID-19: an up-to-date systematic review of 73 cases. <i>Journal of Neurology</i> , 2021, 268, 1133-1170.	3.6	286
49	Impairment of episodic memory in genetic frontotemporal dementia: A GENFI study. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12185.	2.4	11
50	Differential effect of ethanol intoxication on peripheral markers of cerebral injury in murine blunt traumatic brain injury. <i>Burns and Trauma</i> , 2021, 9, tkab027.	4.9	4
51	Progression of Behavioral Disturbances and Neuropsychiatric Symptoms in Patients With Genetic Frontotemporal Dementia. <i>JAMA Network Open</i> , 2021, 4, e2030194.	5.9	42
52	Chitotriosidase as biomarker for early stage amyotrophic lateral sclerosis: a multicenter study. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2021, 22, 276-286.	1.7	14
53	Comparison of MRI-based and PET-based image pre-processing for quantification of 11C-PBB3 uptake in human brain. <i>Zeitschrift Fur Medizinische Physik</i> , 2021, 31, 37-47.	1.5	1
54	Quantifying progression in primary progressive aphasia with structural neuroimaging. <i>Alzheimer's and Dementia</i> , 2021, 17, 1595-1609.	0.8	22

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55	MRI data-driven algorithm for the diagnosis of behavioural variant frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 608-616.	1.9	10
56	Protein Binding Partners of Dysregulated miRNAs in Parkinson's Disease Serum. <i>Cells</i> , 2021, 10, 791.	4.1	11
57	Sequence of proteome profiles in preclinical and symptomatic Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2021, 17, 946-958.	0.8	16
58	Ongoing challenges in unravelling the association between COVID-19 and Guillain-Barré syndrome. <i>Brain</i> , 2021, 144, e44-e44.	7.6	6
59	Plasma Neurofilament Light for Prediction of Disease Progression in Familial Frontotemporal Lobar Degeneration. <i>Neurology</i> , 2021, 96, e2296-e2312.	1.1	52
60	Resting-State Alterations in Behavioral Variant Frontotemporal Dementia are Related to the Distribution of Monoamine and GABA Neurotransmitter Systems. <i>Biological Psychiatry</i> , 2021, 89, S177.	1.3	2
61	Different Inflammatory Signatures in Alzheimer's Disease and Frontotemporal Dementia Cerebrospinal Fluid. <i>Journal of Alzheimer's Disease</i> , 2021, 81, 629-640.	2.6	18
62	Neurofilament light chain: A novel blood biomarker in patients with ataxia telangiectasia. <i>European Journal of Paediatric Neurology</i> , 2021, 32, 93-97.	1.6	7
63	Characterizing the Clinical Features and Atrophy Patterns of <i>MAPT</i> -Related Frontotemporal Dementia With Disease Progression Modeling. <i>Neurology</i> , 2021, 97, e941-e952.	1.1	29
64	ADAMANT: a placebo-controlled randomized phase 2 study of AADvac1, an active immunotherapy against pathological tau in Alzheimer's disease. <i>Nature Aging</i> , 2021, 1, 521-534.	11.6	64
65	Neurofilament Light Chain as Biomarker for Amyotrophic Lateral Sclerosis and Frontotemporal Dementia. <i>Frontiers in Neuroscience</i> , 2021, 15, 679199.	2.8	66
66	Motor speech disorders in the nonfluent, semantic and logopenic variants of primary progressive aphasia. <i>Cortex</i> , 2021, 140, 66-79.	2.4	10
67	The Revised Self-Monitoring Scale detects early impairment of social cognition in genetic frontotemporal dementia within the GENFI cohort. <i>Alzheimer's Research and Therapy</i> , 2021, 13, 127.	6.2	12
68	Increased chitotriosidase 1 concentration following nusinersen treatment in spinal muscular atrophy. <i>Orphanet Journal of Rare Diseases</i> , 2021, 16, 330.	2.7	12
69	Neurofilament light and heterogeneity of disease progression in amyotrophic lateral sclerosis: development and validation of a prediction model to improve interventional trials. <i>Translational Neurodegeneration</i> , 2021, 10, 31.	8.0	18
70	Dissemination in time and space in presymptomatic granulin mutation carriers: a GENFI spatial chronnectome study. <i>Neurobiology of Aging</i> , 2021, 108, 155-167.	3.1	3
71	Glial fibrillary acidic protein as blood biomarker for differential diagnosis and severity of major depressive disorder. <i>Journal of Psychiatric Research</i> , 2021, 144, 54-58.	3.1	34
72	Differential early subcortical involvement in genetic FTD within the GENFI cohort. <i>NeuroImage: Clinical</i> , 2021, 30, 102646.	2.7	28

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73	Disease-related cortical thinning in presymptomatic granulin mutation carriers. <i>NeuroImage: Clinical</i> , 2021, 29, 102540.	2.7	8
74	Beta-synuclein in cerebrospinal fluid as an early diagnostic marker of Alzheimer's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2021, 92, 349-356.	1.9	31
75	Clinico-genetic findings in 509 frontotemporal dementia patients. <i>Molecular Psychiatry</i> , 2021, 26, 5824-5832.	7.9	23
76	Differences in Sex Distribution Between Genetic and Sporadic Frontotemporal Dementia. <i>Journal of Alzheimer's Disease</i> , 2021, 84, 1153-1161.	2.6	11
77	Varicella-Zoster virus-induced neurological disease after COVID-19 vaccination: a retrospective monocentric study. <i>Journal of Neurology</i> , 2021, , 1.	3.6	10
78	A panel of CSF proteins separates genetic frontotemporal dementia from presymptomatic mutation carriers: a GENFI study. <i>Molecular Neurodegeneration</i> , 2021, 16, 79.	10.8	9
79	Advancing mechanistic understanding and biomarker development in amyotrophic lateral sclerosis. <i>Expert Review of Proteomics</i> , 2021, 18, 977-994.	3.0	5
80	Predicting disease progression in behavioral variant frontotemporal dementia. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2021, 13, e12262.	2.4	4
81	Neurofilament light chain in serum of adolescent and adult SMA patients under treatment with nusinersen. <i>Journal of Neurology</i> , 2020, 267, 36-44.	3.6	47
82	CSF and blood Kallikrein-8: a promising early biomarker for Alzheimer's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 40-48.	1.9	16
83	Proteomics in cerebrospinal fluid and spinal cord suggests UCHL1, MAP2 and GPNMB as biomarkers and underpins importance of transcriptional pathways in amyotrophic lateral sclerosis. <i>Acta Neuropathologica</i> , 2020, 139, 119-134.	7.7	73
84	Autoimmune psychosis: an international consensus on an approach to the diagnosis and management of psychosis of suspected autoimmune origin. <i>Lancet Psychiatry</i> , 2020, 7, 93-108.	7.4	252
85	CSF biomarkers of neuroinflammation in distinct forms and subtypes of neurodegenerative dementia. <i>Alzheimer's Research and Therapy</i> , 2020, 12, 2.	6.2	86
86	Age at symptom onset and death and disease duration in genetic frontotemporal dementia: an international retrospective cohort study. <i>Lancet Neurology</i> , 2020, 19, 145-156.	10.2	175
87	Special Issue CCA for the proceedings of the 2nd symposium of the Society of CSF analysis and Clinical Neurochemistry. <i>Clinica Chimica Acta</i> , 2020, 502, 199-200.	1.1	0
88	Disentangling brain functional network remodeling in corticobasal syndrome – A multimodal MRI study. <i>NeuroImage: Clinical</i> , 2020, 25, 102112.	2.7	10
89	Serum neurofilament light chain (NFL) remains unchanged during electroconvulsive therapy. <i>World Journal of Biological Psychiatry</i> , 2020, 21, 148-154.	2.6	18
90	Tick-Borne Encephalitis: A Differential Pattern of Intrathecal Humoral Immune Response and Inflammatory Cell Composition Compared with Other Viral CNS Infections. <i>Cells</i> , 2020, 9, 2169.	4.1	3

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91	Serum neurofilament light chain. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2020, 7, .	6.0	25
92	Rapid, convenient and efficient kit-independent detection of SARS-CoV-2 RNA. <i>Journal of Virological Methods</i> , 2020, 286, 113965.	2.1	10
93	Virtually in this together – how web-conferencing systems enabled a new virtual togetherness during the COVID-19 crisis. <i>European Journal of Information Systems</i> , 2020, 29, 563-584.	9.2	157
94	A Score Based on NfL and Glial Markers May Differentiate Between Relapsing-Remitting and Progressive MS Course. <i>Frontiers in Neurology</i> , 2020, 11, 608.	2.4	25
95	Lipid Mediator Profiles Predict Response to Therapy with an Oral Frankincense Extract in Relapsing-Remitting Multiple Sclerosis. <i>Scientific Reports</i> , 2020, 10, 8776.	3.3	4
96	Network Localization of Alien Limb in Patients with Corticobasal Syndrome. <i>Annals of Neurology</i> , 2020, 88, 1118-1131.	5.3	11
97	Cerebrospinal Fluid Biomarkers in Relation to MRZ Reaction Status in Primary Progressive Multiple Sclerosis. <i>Cells</i> , 2020, 9, 2543.	4.1	8
98	Early symptoms in symptomatic and preclinical genetic frontotemporal lobar degeneration. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 975-984.	1.9	25
99	Abnormal pain perception is associated with thalamo-cortico-striatal atrophy in <i>C9orf72</i> expansion carriers in the GENFI cohort. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 1325-1328.	1.9	12
100	Miller-Fisher syndrome after COVID-19: neurochemical markers as an early sign of nervous system involvement. <i>European Journal of Neurology</i> , 2020, 27, 2378-2380.	3.3	51
101	Effect of high-caloric nutrition on serum neurofilament light chain levels in amyotrophic lateral sclerosis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 1007-1009.	1.9	36
102	Longitudinal Serum Neurofilament Levels of Multiple Sclerosis Patients Before and After Treatment with First-Line Immunomodulatory Therapies. <i>Biomedicines</i> , 2020, 8, 312.	3.2	16
103	Dipeptide repeat protein and TDP-43 pathology along the hypothalamic-pituitary axis in <i>C9orf72</i> and non- <i>C9orf72</i> ALS and FTLD-TDP cases. <i>Acta Neuropathologica</i> , 2020, 140, 777-781.	7.7	8
104	Exacerbation of chronic inflammatory demyelinating polyneuropathy in concomitance with COVID-19. <i>Journal of the Neurological Sciences</i> , 2020, 418, 117106.	0.6	17
105	Analysis of brain atrophy and local gene expression in genetic frontotemporal dementia. <i>Brain Communications</i> , 2020, 2, .	3.3	20
106	Markers of vitamin B12 status in relation to cerebrospinal fluid biomarkers and cognitive performance. <i>Proceedings of the Nutrition Society</i> , 2020, 79, .	1.0	1
107	Stress cardiomyopathy associated with the first manifestation of multiple sclerosis: a case report. <i>BMC Neurology</i> , 2020, 20, 227.	1.8	6
108	A multi-center study of neurofilament assay reliability and inter-laboratory variability. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2020, 21, 452-458.	1.7	15

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109	Identification of novel cerebrospinal fluid biomarker candidates for dementia with Lewy bodies: a proteomic approach. <i>Molecular Neurodegeneration</i> , 2020, 15, 36.	10.8	46
110	Different CSF protein profiles in amyotrophic lateral sclerosis and frontotemporal dementia with <i>C9orf72</i> hexanucleotide repeat expansion. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 503-511.	1.9	33
111	Targeted Mass Spectrometry Suggests Beta-Synuclein as Synaptic Blood Marker in Alzheimer's Disease. <i>Journal of Proteome Research</i> , 2020, 19, 1310-1318.	3.7	43
112	Plasma glial fibrillary acidic protein is raised in progranulin-associated frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 263-270.	1.9	106
113	CSF SerpinA1 in Creutzfeldt-Jakob disease and frontotemporal lobar degeneration. <i>Annals of Clinical and Translational Neurology</i> , 2020, 7, 191-199.	3.7	16
114	S-ketamine induces acute changes in the proteome of the mouse amygdala. <i>Journal of Proteomics</i> , 2020, 216, 103679.	2.4	6
115	CSF Ubiquitin Levels Are Higher in Alzheimer's Disease than in Frontotemporal Dementia and Reflect the Molecular Subtype in Prion Disease. <i>Biomolecules</i> , 2020, 10, 497.	4.0	8
116	Distinct molecular patterns of TDP-43 pathology in Alzheimer's disease: relationship with clinical phenotypes. <i>Acta Neuropathologica Communications</i> , 2020, 8, 61.	5.2	58
117	Neuronal pentraxin 2: a synapse-derived CSF biomarker in genetic frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020, 91, 612-621.	1.9	55
118	S1 guidelines - lumbar puncture and cerebrospinal fluid analysis (abridged and translated version). <i>Neurological Research and Practice</i> , 2020, 2, 8.	2.0	23
119	Faster Cortical Thinning and Surface Area Loss in Presymptomatic and Symptomatic <i>C9orf72</i> Repeat Expansion Adult Carriers. <i>Annals of Neurology</i> , 2020, 88, 113-122.	5.3	19
120	Social cognition impairment in genetic frontotemporal dementia within the GENFI cohort. <i>Cortex</i> , 2020, 133, 384-398.	2.4	26
121	Proteomic analysis reveals a biosignature of decreased synaptic protein in cerebrospinal fluid of major depressive disorder. <i>Translational Psychiatry</i> , 2020, 10, 144.	4.8	20
122	Regional tau deposition in probable Alzheimer's disease using C-11-PBB3-PET: a voxel-wise statistical analysis. <i>Nuklearmedizin - NuclearMedicine</i> , 2020, 59, .	0.7	0
123	AADVAC1, AN ACTIVE IMMUNOTHERAPY FOR ALZHEIMER'S DISEASE AND NON ALZHEIMER TAUOPATHIES: AN OVERVIEW OF PRECLINICAL AND CLINICAL DEVELOPMENT. <i>Journal of prevention of Alzheimer's disease</i> , The, 2019, 6, 1-7.	2.7	44
124	Reduction of ephrin-A5 aggravates disease progression in amyotrophic lateral sclerosis. <i>Acta Neuropathologica Communications</i> , 2019, 7, 114.	5.2	11
125	VGF Peptides in Cerebrospinal Fluid of Patients with Dementia with Lewy Bodies. <i>International Journal of Molecular Sciences</i> , 2019, 20, 4674.	4.1	26
126	Association of cerebrospinal fluid kappa free light chains with the intrathecal polyspecific antiviral immune response in multiple sclerosis. <i>Clinica Chimica Acta</i> , 2019, 498, 148-153.	1.1	7

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127	Serum neurofilament light chain in genetic frontotemporal dementia: a longitudinal, multicentre cohort study. <i>Lancet Neurology</i> , The, 2019, 18, 1103-1111.	10.2	128
128	Reply: Adult-onset distal spinal muscular atrophy: a new phenotype associated with KIF5A mutations. <i>Brain</i> , 2019, 142, e67-e67.	7.6	1
129	Neurofilaments and tau in CSF in an infant with SMA type 1 treated with nusinersen. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 1068.2-1069.	1.9	44
130	Glial Fibrillary Acidic Protein in Serum is Increased in Alzheimer's Disease and Correlates with Cognitive Impairment. <i>Journal of Alzheimer's Disease</i> , 2019, 67, 481-488.	2.6	171
131	FDG-PET underscores the key role of the thalamus in frontotemporal lobar degeneration caused by C9ORF72 mutations. <i>Translational Psychiatry</i> , 2019, 9, 54.	4.8	28
132	The inner fluctuations of the brain in presymptomatic Frontotemporal Dementia: The chronnectome fingerprint. <i>NeuroImage</i> , 2019, 189, 645-654.	4.2	33
133	Elecsys® 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.	1.9	60
134	Neurochemical markers in CSF of adolescent and adult SMA patients undergoing nusinersen treatment. <i>Therapeutic Advances in Neurological Disorders</i> , 2019, 12, 175628641984605.	3.5	41
135	Education modulates brain maintenance in presymptomatic frontotemporal dementia. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2019, 90, 1124-1130.	1.9	23
136	Advantages and disadvantages of the use of the CSF Amyloid $\beta$ (A $\beta$ ) 42/40 ratio in the diagnosis of Alzheimer's Disease. <i>Alzheimer's Research and Therapy</i> , 2019, 11, 34.	6.2	325
137	CSF Free Light Chains as a Marker of Intrathecal Immunoglobulin Synthesis in Multiple Sclerosis: A Blood-CSF Barrier Related Evaluation in a Large Cohort. <i>Frontiers in Immunology</i> , 2019, 10, 641.	4.8	34
138	Serum NFL discriminates Parkinson disease from atypical parkinsonisms. <i>Neurology</i> , 2019, 92, e1479-e1486.	1.1	100
139	Unraveling corticobasal syndrome and alien limb syndrome with structural brain imaging. <i>Cortex</i> , 2019, 117, 33-40.	2.4	17
140	Glial Activation Markers in CSF and Serum From Patients With Primary Progressive Multiple Sclerosis: Potential of Serum GFAP as Disease Severity Marker?. <i>Frontiers in Neurology</i> , 2019, 10, 280.	2.4	87
141	Neurofilament light chain as a blood biomarker to differentiate psychiatric disorders from behavioural variant frontotemporal dementia. <i>Journal of Psychiatric Research</i> , 2019, 113, 137-140.	3.1	81
142	A ferroptosis-based panel of prognostic biomarkers for Amyotrophic Lateral Sclerosis. <i>Scientific Reports</i> , 2019, 9, 2918.	3.3	91
143	Different aspects of Alzheimer's disease-related amyloid $\beta$ -peptide pathology and their relationship to amyloid positron emission tomography imaging and dementia. <i>Acta Neuropathologica Communications</i> , 2019, 7, 178.	5.2	29
144	Routine Cerebrospinal Fluid (CSF) Parameters in Patients With Spinal Muscular Atrophy (SMA) Treated With Nusinersen. <i>Frontiers in Neurology</i> , 2019, 10, 1179.	2.4	18

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145	White matter hyperintensities in progranulin-associated frontotemporal dementia: A longitudinal GENFI study. <i>NeuroImage: Clinical</i> , 2019, 24, 102077.	2.7	27
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