

Marla Gearing

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

60
papers

3,900
citations

30
h-index

62
g-index

67
ext. papers

5,686
ext. citations

8.5
avg, IF

4.88
L-index

#	Paper	IF	Citations
60	Large-scale deep multi-layer analysis of Alzheimer's disease brain reveals strong proteomic disease-related changes not observed at the RNA level.. <i>Nature Neuroscience</i> , 2022 ,	25.5	18
59	Genome-wide association study and functional validation implicates JADE1 in tauopathy. <i>Acta Neuropathologica</i> , 2021 , 1	14.3	2
58	Early Selective Vulnerability of the CA2 Hippocampal Subfield in Primary Age-Related Tauopathy. <i>Journal of Neuropathology and Experimental Neurology</i> , 2021 , 80, 102-111	3.1	11
57	TBK1 interacts with tau and enhances neurodegeneration in tauopathy. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100760	5.4	2
56	Targeted Quantification of Detergent-Insoluble RNA-Binding Proteins in Human Brain Reveals Stage and Disease Specific Co-aggregation in Alzheimer's Disease. <i>Frontiers in Molecular Neuroscience</i> , 2021 , 14, 623659	6.1	2
55	Predictors of cognitive impairment in primary age-related tauopathy: an autopsy study. <i>Acta Neuropathologica Communications</i> , 2021 , 9, 134	7.3	5
54	GPR37 modulates progenitor cell dynamics in a mouse model of ischemic stroke. <i>Experimental Neurology</i> , 2021 , 342, 113719	5.7	0
53	An early proinflammatory transcriptional response to tau pathology is age-specific and foreshadows reduced tau burden. <i>Brain Pathology</i> , 2021 , e13018	6	0
52	Large-scale deep multi-layer analysis of Alzheimer's disease brain reveals strong proteomic disease-related changes not observed at the RNA level.. <i>Alzheimer's and Dementia</i> , 2021 , 17 Suppl 3, e055041	1.2	1
51	Proteomics identifies CSF biomarker panels reflective of pathological networks in the Alzheimer's disease brain. <i>Alzheimer's and Dementia</i> , 2020 , 16, e042227	1.2	
50	Increased APOE-e4 expression is associated with reactive A1 astrocytes and may confer the difference in Alzheimer disease risk from different ancestral backgrounds. <i>Alzheimer's and Dementia</i> , 2020 , 16, e045415	1.2	
49	Tau deposition in the spinal cord is not specific for CTE-ALS. <i>Neurology</i> , 2020 , 95, 37-39	6.5	
48	Validation of machine learning models to detect amyloid pathologies across institutions. <i>Acta Neuropathologica Communications</i> , 2020 , 8, 59	7.3	11
47	Histological Confirmation of Myelinated Neural Filaments Within the Tip of the Neurotrophic Electrode After a Decade of Neural Recordings. <i>Frontiers in Human Neuroscience</i> , 2020 , 14, 111	3.3	3
46	Global quantitative analysis of the human brain proteome and phosphoproteome in Alzheimer's disease. <i>Scientific Data</i> , 2020 , 7, 315	8.2	14
45	Integrated proteomics reveals brain-based cerebrospinal fluid biomarkers in asymptomatic and symptomatic Alzheimer's disease. <i>Science Advances</i> , 2020 , 6,	14.3	36
44	Network analysis of the progranulin-deficient mouse brain proteome reveals pathogenic mechanisms shared in human frontotemporal dementia caused by GRN mutations. <i>Acta Neuropathologica Communications</i> , 2020 , 8, 163	7.3	13

43	Fibrillation and molecular characteristics are coherent with clinical and pathological features of 4-repeat tauopathy caused by MAPT variant G273R. <i>Neurobiology of Disease</i> , 2020 , 146, 105079	7.5	0
42	Neurofibrillary Tangles and Conversion to Mild Cognitive Impairment with Certain Antihypertensives. <i>Journal of Alzheimer's Disease</i> , 2019 , 70, 153-161	4.3	10
41	Genome-wide analyses as part of the international FTLT-TDP whole-genome sequencing consortium reveals novel disease risk factors and increases support for immune dysfunction in FTLT. <i>Acta Neuropathologica</i> , 2019 , 137, 879-899	14.3	50
40	Pro-Nerve Growth Factor Induces Activation of RhoA Kinase and Neuronal Cell Death. <i>Brain Sciences</i> , 2019 , 9,	3.4	5
39	TDP-43 cytoplasmic inclusion formation is disrupted in -associated amyotrophic lateral sclerosis/frontotemporal lobar degeneration. <i>Brain Communications</i> , 2019 , 1, fcz014	4.5	15
38	Genetic meta-analysis of diagnosed Alzheimer's disease identifies new risk loci and implicates A β tau, immunity and lipid processing. <i>Nature Genetics</i> , 2019 , 51, 414-430	36.3	917
37	Frequency of the TREM2 R47H Variant in Various Neurodegenerative Disorders. <i>Alzheimer Disease and Associated Disorders</i> , 2019 , 33, 327-330	2.5	6
36	Viscoelastic Properties of Human Autopsy Brain Tissues as Biomarkers for Alzheimer's Diseases. <i>IEEE Transactions on Biomedical Engineering</i> , 2019 , 66, 1705-1713	5	15
35	Dendritic spine remodeling accompanies Alzheimer's disease pathology and genetic susceptibility in cognitively normal aging. <i>Neurobiology of Aging</i> , 2019 , 73, 92-103	5.6	32
34	TDP-43 pathology disrupts nuclear pore complexes and nucleocytoplasmic transport in ALS/FTD. <i>Nature Neuroscience</i> , 2018 , 21, 228-239	25.5	240
33	Integrated proteomics and network analysis identifies protein hubs and network alterations in Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2018 , 6, 19	7.3	70
32	Potential genetic modifiers of disease risk and age at onset in patients with frontotemporal lobar degeneration and GRN mutations: a genome-wide association study. <i>Lancet Neurology</i> , 2018 , 17, 548-558	24.1	60
31	Global quantitative analysis of the human brain proteome in Alzheimer's and Parkinson's Disease. <i>Scientific Data</i> , 2018 , 5, 180036	8.2	103
30	The anti-parkinsonian drug zonisamide reduces neuroinflammation: Role of microglial Na 1.6. <i>Experimental Neurology</i> , 2018 , 308, 111-119	5.7	23
29	A proteomic network approach across the ALS-FTD disease spectrum resolves clinical phenotypes and genetic vulnerability in human brain. <i>EMBO Molecular Medicine</i> , 2018 , 10, 48-62	12	71
28	Effects of Genotype on Brain Proteomic Network and Cell Type Changes in Alzheimer's Disease. <i>Frontiers in Molecular Neuroscience</i> , 2018 , 11, 454	6.1	31
27	Quantitative Analysis of the Brain Ubiquitylome in Alzheimer's Disease. <i>Proteomics</i> , 2018 , 18, e1800108	4.8	31
26	RNA-binding proteins with basic-acidic dipeptide (BAD) domains self-assemble and aggregate in Alzheimer's disease. <i>Journal of Biological Chemistry</i> , 2018 , 293, 11047-11066	5.4	34

25	A Multi-network Approach Identifies Protein-Specific Co-expression in Asymptomatic and Symptomatic Alzheimer's Disease. <i>Cell Systems</i> , 2017 , 4, 60-72.e4	10.6	219
24	Dendritic spines provide cognitive resilience against Alzheimer's disease. <i>Annals of Neurology</i> , 2017 , 82, 602-614	9.4	81
23	Generation of Clickable Pittsburgh Compound B for the Detection and Capture of β Amyloid in Alzheimer's Disease Brain. <i>Bioconjugate Chemistry</i> , 2017 , 28, 2627-2637	6.3	8
22	Rare coding variants in PLCG2, ABI3, and TREM2 implicate microglial-mediated innate immunity in Alzheimer's disease. <i>Nature Genetics</i> , 2017 , 49, 1373-1384	36.3	508
21	Rho Kinase Inhibition as a Therapeutic for Progressive Supranuclear Palsy and Corticobasal Degeneration. <i>Journal of Neuroscience</i> , 2016 , 36, 1316-23	6.6	52
20	Applicability of digital analysis and imaging technology in neuropathology assessment. <i>Neuropathology</i> , 2016 , 36, 270-82	2	9
19	5-Hydroxymethylation-associated epigenetic modifiers of Alzheimer's disease modulate Tau-induced neurotoxicity. <i>Human Molecular Genetics</i> , 2016 , 25, 2437-2450	5.6	43
18	Changes in the detergent-insoluble brain proteome linked to amyloid and tau in Alzheimer's Disease progression. <i>Proteomics</i> , 2016 , 16, 3042-3053	4.8	39
17	Comparative analysis of C9orf72 and sporadic disease in an ALS clinic population. <i>Neurology</i> , 2016 , 87, 1024-30	6.5	49
16	Genome-wide association study of corticobasal degeneration identifies risk variants shared with progressive supranuclear palsy. <i>Nature Communications</i> , 2015 , 6, 7247	17.4	118
15	Amyloid β abrogated TrkA ubiquitination in PC12 cells analogous to Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2015 , 133, 919-25	6	27
14	Head injury does not alter disease progression or neuropathologic outcomes in ALS. <i>Neurology</i> , 2015 , 84, 1788-95	6.5	37
13	Quantitative phosphoproteomics of Alzheimer's disease reveals cross-talk between kinases and small heat shock proteins. <i>Proteomics</i> , 2015 , 15, 508-519	4.8	48
12	Potassium channel Kv1.3 is highly expressed by microglia in human Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2015 , 44, 797-808	4.3	62
11	Tonic inhibition in dentate gyrus impairs long-term potentiation and memory in an Alzheimer's [corrected] disease model. <i>Nature Communications</i> , 2014 , 5, 4159	17.4	162
10	Aggregation properties of the small nuclear ribonucleoprotein U1-70K in Alzheimer disease. <i>Journal of Biological Chemistry</i> , 2014 , 289, 35296-313	5.4	28
9	Late-stage CTE pathology in a retired soccer player with dementia. <i>Neurology</i> , 2014 , 83, 2307-9	6.5	21
8	Effects of multiple genetic loci on age at onset in late-onset Alzheimer disease: a genome-wide association study. <i>JAMA Neurology</i> , 2014 , 71, 1394-404	17.2	129

7	Elevated serum pesticide levels and risk for Alzheimer disease. <i>JAMA Neurology</i> , 2014 , 71, 284-90	17.2	126
6	Rho kinase II phosphorylation of the lipoprotein receptor LR11/SORLA alters amyloid-beta production. <i>Journal of Biological Chemistry</i> , 2011 , 286, 6117-27	5.4	42
5	Aggregation of actin and cofilin in identical twins with juvenile-onset dystonia. <i>Annals of Neurology</i> , 2002 , 52, 465-76	9.4	31
4	Tau-associated neuropathology in ganglion cell tumours increases with patient age but appears unrelated to ApoE genotype. <i>Neuropathology and Applied Neurobiology</i> , 2001 , 27, 197-205	5.2	27
3	Abeta-peptide length and apolipoprotein E genotype in Alzheimer's disease. <i>Annals of Neurology</i> , 1996 , 39, 395-9	9.4	116
2	Regional variation in the distribution of apolipoprotein E and A beta in Alzheimer's disease. <i>Journal of Neuropathology and Experimental Neurology</i> , 1995 , 54, 833-41	3.1	48
1	Integrated Proteomics Reveals Brain-Based Cerebrospinal Fluid Biomarkers in Asymptomatic and Symptomatic Alzheimer's Disease		11