

Marla Gearing

List of Publications by Citations

Source: <https://exaly.com/author-pdf/3334029/marla-gearing-publications-by-citations.pdf>

Version: 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	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
59	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
58	TDP-43 pathology disrupts nuclear pore complexes and nucleocytoplasmic transport in ALS/FTD. <i>Nature Neuroscience</i> , 2018 , 21, 228-239	25.5	240
57	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
56	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
55	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
54	Elevated serum pesticide levels and risk for Alzheimer disease. <i>JAMA Neurology</i> , 2014 , 71, 284-90	17.2	126
53	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
52	Abeta-peptide length and apolipoprotein E genotype in Alzheimer's disease. <i>Annals of Neurology</i> , 1996 , 39, 395-9	9.4	116
51	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
50	Dendritic spines provide cognitive resilience against Alzheimer's disease. <i>Annals of Neurology</i> , 2017 , 82, 602-614	9.4	81
49	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
48	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
47	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
46	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
45	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
44	Genome-wide analyses as part of the international FTLTDP whole-genome sequencing consortium reveals novel disease risk factors and increases support for immune dysfunction in FTLTDP. <i>Acta Neuropathologica</i> , 2019 , 137, 879-899	14.3	50

43	Comparative analysis of C9orf72 and sporadic disease in an ALS clinic population. <i>Neurology</i> , 2016 , 87, 1024-30	6.5	49
42	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
41	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
40	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
39	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
38	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
37	Head injury does not alter disease progression or neuropathologic outcomes in ALS. <i>Neurology</i> , 2015 , 84, 1788-95	6.5	37
36	Integrated proteomics reveals brain-based cerebrospinal fluid biomarkers in asymptomatic and symptomatic Alzheimer's disease. <i>Science Advances</i> , 2020 , 6,	14.3	36
35	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
34	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
33	Aggregation of actin and cofilin in identical twins with juvenile-onset dystonia. <i>Annals of Neurology</i> , 2002 , 52, 465-76	9.4	31
32	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
31	Quantitative Analysis of the Brain Ubiquitylome in Alzheimer's Disease. <i>Proteomics</i> , 2018 , 18, e1800108	4.8	31
30	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
29	Amyloid β abrogated TrkA ubiquitination in PC12 cells analogous to Alzheimer's disease. <i>Journal of Neurochemistry</i> , 2015 , 133, 919-25	6	27
28	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
27	The anti-parkinsonian drug zonisamide reduces neuroinflammation: Role of microglial Na 1.6. <i>Experimental Neurology</i> , 2018 , 308, 111-119	5.7	23
26	Late-stage CTE pathology in a retired soccer player with dementia. <i>Neurology</i> , 2014 , 83, 2307-9	6.5	21

25	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
24	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
23	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
22	Global quantitative analysis of the human brain proteome and phosphoproteome in Alzheimer's disease. <i>Scientific Data</i> , 2020 , 7, 315	8.2	14
21	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
20	Validation of machine learning models to detect amyloid pathologies across institutions. <i>Acta Neuropathologica Communications</i> , 2020 , 8, 59	7.3	11
19	Integrated Proteomics Reveals Brain-Based Cerebrospinal Fluid Biomarkers in Asymptomatic and Symptomatic Alzheimer's Disease		11
18	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
17	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
16	Applicability of digital analysis and imaging technology in neuropathology assessment. <i>Neuropathology</i> , 2016 , 36, 270-82	2	9
15	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
14	Frequency of the TREM2 R47H Variant in Various Neurodegenerative Disorders. <i>Alzheimer Disease and Associated Disorders</i> , 2019 , 33, 327-330	2.5	6
13	Pro-Nerve Growth Factor Induces Activation of RhoA Kinase and Neuronal Cell Death. <i>Brain Sciences</i> , 2019 , 9,	3.4	5
12	Predictors of cognitive impairment in primary age-related tauopathy: an autopsy study. <i>Acta Neuropathologica Communications</i> , 2021 , 9, 134	7.3	5
11	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
10	Genome-wide association study and functional validation implicates JADE1 in tauopathy. <i>Acta Neuropathologica</i> , 2021 , 1	14.3	2
9	TBK1 interacts with tau and enhances neurodegeneration in tauopathy. <i>Journal of Biological Chemistry</i> , 2021 , 296, 100760	5.4	2
8	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

7	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
6	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
5	GPR37 modulates progenitor cell dynamics in a mouse model of ischemic stroke. <i>Experimental Neurology</i> , 2021 , 342, 113719	5.7	0
4	An early proinflammatory transcriptional response to tau pathology is age-specific and foreshadows reduced tau burden. <i>Brain Pathology</i> , 2021 , e13018	6	0
3	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	
2	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	
1	Tau deposition in the spinal cord is not specific for CTE-ALS. <i>Neurology</i> , 2020 , 95, 37-39	6.5	