

Zachary A Miller

List of Publications by Citations

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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.

72
papers

3,021
citations

26
h-index

54
g-index

80
ext. papers

4,078
ext. citations

8.1
avg, IF

4.65
L-index

#	Paper	IF	Citations
72	Tau PET patterns mirror clinical and neuroanatomical variability in Alzheimer's disease. <i>Brain</i> , 2016 , 139, 1551-67	11.2	570
71	Tau pathology and neurodegeneration contribute to cognitive impairment in Alzheimer's disease. <i>Brain</i> , 2017 , 140, 3286-3300	11.2	273
70	Typical and atypical pathology in primary progressive aphasia variants. <i>Annals of Neurology</i> , 2017 , 81, 430-443	9.4	192
69	Gain of toxic apolipoprotein E4 effects in human iPSC-derived neurons is ameliorated by a small-molecule structure corrector. <i>Nature Medicine</i> , 2018 , 24, 647-657	50.5	173
68	Prospective longitudinal atrophy in Alzheimer's disease correlates with the intensity and topography of baseline tau-PET. <i>Science Translational Medicine</i> , 2020 , 12,	17.5	172
67	Clinicopathological correlations in behavioural variant frontotemporal dementia. <i>Brain</i> , 2017 , 140, 3329-3345	11.2	139
66	Tau, amyloid, and hypometabolism in a patient with posterior cortical atrophy. <i>Annals of Neurology</i> , 2015 , 77, 338-42	9.4	106
65	TDP-43 frontotemporal lobar degeneration and autoimmune disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2013 , 84, 956-62	5.5	103
64	Handedness and language learning disability differentially distribute in progressive aphasia variants. <i>Brain</i> , 2013 , 136, 3461-73	11.2	100
63	Distinct Subtypes of Behavioral Variant Frontotemporal Dementia Based on Patterns of Network Degeneration. <i>JAMA Neurology</i> , 2016 , 73, 1078-88	17.2	86
62	Associations between [F]AV1451 tau PET and CSF measures of tau pathology in a clinical sample. <i>Neurology</i> , 2018 , 90, e282-e290	6.5	84
61	Local and distant relationships between amyloid, tau and neurodegeneration in Alzheimer's Disease. <i>NeuroImage: Clinical</i> , 2018 , 17, 452-464	5.3	83
60	Immune-related genetic enrichment in frontotemporal dementia: An analysis of genome-wide association studies. <i>PLoS Medicine</i> , 2018 , 15, e1002487	11.6	77
59	Healthy brain connectivity predicts atrophy progression in non-fluent variant of primary progressive aphasia. <i>Brain</i> , 2016 , 139, 2778-2791	11.2	71
58	Rates of Amyloid Imaging Positivity in Patients With Primary Progressive Aphasia. <i>JAMA Neurology</i> , 2018 , 75, 342-352	17.2	59
57	Cognition and neuropsychiatry in behavioral variant frontotemporal dementia by disease stage. <i>Neurology</i> , 2016 , 86, 600-10	6.5	58
56	Loss of functional connectivity is greater outside the default mode network in nonfamilial early-onset Alzheimer's disease variants. <i>Neurobiology of Aging</i> , 2015 , 36, 2678-86	5.6	54

55	Increased prevalence of autoimmune disease within C9 and FTD/MND cohorts: Completing the picture. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , 2016 , 3, e301	9.1	52
54	Phonological Processing in Primary Progressive Aphasia. <i>Journal of Cognitive Neuroscience</i> , 2016 , 28, 210-22	3.1	48
53	Fine-mapping of the human leukocyte antigen locus as a risk factor for Alzheimer disease: A case-control study. <i>PLoS Medicine</i> , 2017 , 14, e1002272	11.6	39
52	MCP-1 and eotaxin-1 selectively and negatively associate with memory in MCI and Alzheimer's disease dementia phenotypes. <i>Alzheimer's and Dementia: Diagnosis, Assessment and Disease Monitoring</i> , 2016 , 3, 91-7	5.2	37
51	Distinct spatiotemporal patterns of neuronal functional connectivity in primary progressive aphasia variants. <i>Brain</i> , 2017 , 140, 2737-2751	11.2	35
50	Prevalence of Mathematical and Visuospatial Learning Disabilities in Patients With Posterior Cortical Atrophy. <i>JAMA Neurology</i> , 2018 , 75, 728-737	17.2	32
49	Rare TREM2 variants associated with Alzheimer's disease display reduced cell surface expression. <i>Acta Neuropathologica Communications</i> , 2016 , 4, 98	7.3	32
48	Interrater reliability of the new criteria for behavioral variant frontotemporal dementia. <i>Neurology</i> , 2013 , 80, 1973-7	6.5	29
47	Comorbid neuropathological diagnoses in early versus late-onset Alzheimer's disease. <i>Brain</i> , 2021 , 144, 2186-2198	11.2	26
46	Artistic creativity and dementia. <i>Progress in Brain Research</i> , 2013 , 204, 99-112	2.9	24
45	An 8-week, open-label, dose-finding study of nimodipine for the treatment of progranulin insufficiency from gene mutations. <i>Alzheimer's and Dementia: Translational Research and Clinical Interventions</i> , 2017 , 3, 507-512	6	23
44	Verbal creativity in semantic variant primary progressive aphasia. <i>Neurocase</i> , 2015 , 21, 73-8	0.8	20
43	Association of and Clinical Variability in Alzheimer Disease With the Pattern of Tau- and Amyloid-PET. <i>Neurology</i> , 2021 , 96, e650-e661	6.5	20
42	Genetic screen in a large series of patients with primary progressive aphasia. <i>Alzheimer's and Dementia</i> , 2019 , 15, 553-560	1.2	19
41	Neurocognitive basis of repetition deficits in primary progressive aphasia. <i>Brain and Language</i> , 2019 , 194, 35-45	2.9	18
40	Abnormal age-related cortical folding and neurite morphology in children with developmental dyslexia. <i>NeuroImage: Clinical</i> , 2018 , 18, 814-821	5.3	17
39	Primary progressive aphasia and the FTD-MND spectrum disorders: clinical, pathological, and neuroimaging correlates. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , 2019 , 20, 146-158	3.6	15
38	Altered topology of the functional speech production network in non-fluent/agrammatic variant of PPA. <i>Cortex</i> , 2018 , 108, 252-264	3.8	13

37	Genetic Prion Disease Caused by PRNP Q160X Mutation Presenting with an Orbitofrontal Syndrome, Cyclic Diarrhea, and Peripheral Neuropathy. <i>Journal of Alzheimer's Disease</i> , 2017 , 55, 249-258 ^{4.3}	13
36	Artistic Renaissance in Frontotemporal Dementia. <i>JAMA - Journal of the American Medical Association</i> , 2018 , 319, 1304-1306	27.4 12
35	Task-Free Functional Language Networks: Reproducibility and Clinical Application. <i>Journal of Neuroscience</i> , 2020 , 40, 1311-1320	6.6 9
34	Mixed TDP-43 proteinopathy and tauopathy in frontotemporal lobar degeneration: nine case series. <i>Journal of Neurology</i> , 2018 , 265, 2960-2971	5.5 8
33	Factors that predict diagnostic stability in neurodegenerative dementia. <i>Journal of Neurology</i> , 2019 , 266, 1998-2009	5.5 7
32	Anomalous functional language lateralization in semantic variant PPA. <i>Neurology</i> , 2015 , 84, 204-6	6.5 7
31	Verbal Semantics and the Left Dorsolateral Anterior Temporal Lobe: A Longitudinal Case of Bilateral Temporal Degeneration. <i>Aphasiology</i> , 2020 , 34, 865-885	1.6 7
30	Protein network analysis reveals selectively vulnerable regions and biological processes in FTD. <i>Neurology: Genetics</i> , 2018 , 4, e266	3.8 7
29	Cortical developmental abnormalities in logopenic variant primary progressive aphasia with dyslexia. <i>Brain Communications</i> , 2019 , 1, fcz027	4.5 6
28	Taking the sublexical route: brain dynamics of reading in the semantic variant of primary progressive aphasia. <i>Brain</i> , 2020 , 143, 2545-2560	11.2 6
27	Dissociating nouns and verbs in temporal and perisylvian networks: Evidence from neurodegenerative diseases. <i>Cortex</i> , 2021 , 142, 47-61	3.8 6
26	Atypical clinical features associated with mixed pathology in a case of non-fluent variant primary progressive aphasia. <i>Neurocase</i> , 2019 , 25, 39-47	0.8 5
25	Genetic variation across RNA metabolism and cell death gene networks is implicated in the semantic variant of primary progressive aphasia. <i>Scientific Reports</i> , 2019 , 9, 10854	4.9 5
24	Speech and language impairments in behavioral variant frontotemporal dementia: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , 2021 , 131, 1076-1095	9 4
23	Dopamine receptor D (DRD) polymorphisms with reduced functional potency intensify atrophy in syndrome-specific sites of frontotemporal dementia. <i>NeuroImage: Clinical</i> , 2019 , 23, 101822	5.3 3
22	Enhanced visceromotor emotional reactivity in dyslexia and its relation to salience network connectivity. <i>Cortex</i> , 2021 , 134, 278-295	3.8 3
21	Speech and language impairments in behavioral variant frontotemporal dementia: A systematic review	2
20	O4-01-02: Associations of [18F]AV1451 Tau PET with age, ApoE genotype, and cognition in Alzheimer's disease 2015 , 11, P265-P266	1

19	[P2118]: FINE-MAPPING OF THE HUMAN LEUKOCYTE ANTIGEN (HLA) LOCUS AS A RISK FACTOR FOR ALZHEIMER'S DISEASE 2017 , 13, P652-P652		1
18	Cortically constrained shape recognition: Automated white matter tract segmentation validated in the pediatric brain. <i>Journal of Neuroimaging</i> , 2021 , 31, 758-772	2.8	1
17	Functional and morphological correlates of developmental dyslexia: A multimodal investigation of the ventral occipitotemporal cortex. <i>Journal of Neuroimaging</i> , 2021 , 31, 962-972	2.8	1
16	O1-07-05: Longitudinal Patterns of Cerebral Atrophy in Distinct Clinical Variants of Alzheimer's Disease 2016 , 12, P191-P193		1
15	Cognition and neuropsychiatry in behavioral variant frontotemporal dementia by disease stage. <i>Neurology</i> , 2016 , 87, 1523	6.5	1
14	Children with developmental dyslexia show elevated parasympathetic nervous system activity at rest and greater cardiac deceleration during an empathy task. <i>Biological Psychology</i> , 2021 , 166, 108203	3.2	0
13	Neuroanatomical correlations of visuospatial processing in primary progressive aphasia.. <i>Brain Communications</i> , 2022 , 4, fca060	4.5	0
12	O4-01-03: AMYLOID PET HAS GREATER CLINICAL IMPACT THAN FDG PET IN THE DIFFERENTIAL DIAGNOSIS OF AD AND FTD 2014 , 10, P249-P249		
11	[IC-P-176]: TAU PATHOLOGY AND GRAY MATTER ATROPHY CONTRIBUTE TO COGNITIVE IMPAIRMENT IN ALZHEIMER'S DISEASE 2017 , 13, P131-P131		
10	[O30303]: TAU PATHOLOGY AND GRAY MATTER ATROPHY CONTRIBUTE TO COGNITIVE IMPAIRMENT IN ALZHEIMER'S DISEASE 2017 , 13, P902-P904		
9	IC-P-157: Associations of [18F]AV1451 Tau PET with age, ApoE genotype, and cognition in Alzheimer's disease 2015 , 11, P105-P106		
8	O3-11-04: Learning disability status within the posterior cortical atrophy syndrome 2015 , 11, P245-P245		
7	Art and the Brain 2014 , 275-276		
6	Transient Global Amnesia 2014 , 489-490		
5	O1-13-04: REGIONAL ACCUMULATION OF ARGYROPHILIC THORNY-SHAPED ASTROCYTE CLUSTERS (ATAC) CORRELATES WITH WORSE VISUOSPATIAL AND LANGUAGE FUNCTIONS IN ALZHEIMER'S DISEASE 2018 , 14, P254-P254		
4	P1-494: REGIONAL NEUROFIBRILLARY TANGLE DISTRIBUTION AS A CONTRIBUTOR TO CLINICAL HETEROGENEITY IN ALZHEIMER'S DISEASE 2018 , 14, P517-P518		
3	F1-01-02: NON-AMNESTIC PHENOTYPES OF ALZHEIMER'S DISEASE, EARLY AGE OF ONSET AND APOE GENOTYPE ARE ASSOCIATED WITH TAU-, NOT AβPET 2018 , 14, P199-P200		
2	IC-P-145: NON-AMNESTIC PHENOTYPES OF ALZHEIMER'S DISEASE, EARLY AGE OF ONSET AND APOE GENOTYPE ARE ASSOCIATED WITH TAU, NOT AβPET 2018 , 14, P123-P124		

- 1 Considerations on Retrospective Identification and Classification of Learning Disabilities-Reply.
JAMA Neurology, **2018**, 75, 1575

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