

# Zachary A Miller

## 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.

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	Neuroanatomical correlations of visuospatial processing in primary progressive aphasia.. <i>Brain Communications</i> , <b>2022</b> , 4, fcac060	4.5	0
71	Speech and language impairments in behavioral variant frontotemporal dementia: A systematic review. <i>Neuroscience and Biobehavioral Reviews</i> , <b>2021</b> , 131, 1076-1095	9	4
70	Children with developmental dyslexia show elevated parasympathetic nervous system activity at rest and greater cardiac deceleration during an empathy task. <i>Biological Psychology</i> , <b>2021</b> , 166, 108203	3.2	0
69	Association of and Clinical Variability in Alzheimer Disease With the Pattern of Tau- and Amyloid-PET. <i>Neurology</i> , <b>2021</b> , 96, e650-e661	6.5	20
68	Comorbid neuropathological diagnoses in early versus late-onset Alzheimer's disease. <i>Brain</i> , <b>2021</b> , 144, 2186-2198	11.2	26
67	Cortically constrained shape recognition: Automated white matter tract segmentation validated in the pediatric brain. <i>Journal of Neuroimaging</i> , <b>2021</b> , 31, 758-772	2.8	1
66	Functional and morphological correlates of developmental dyslexia: A multimodal investigation of the ventral occipitotemporal cortex. <i>Journal of Neuroimaging</i> , <b>2021</b> , 31, 962-972	2.8	1
65	Enhanced visceromotor emotional reactivity in dyslexia and its relation to salience network connectivity. <i>Cortex</i> , <b>2021</b> , 134, 278-295	3.8	3
64	Dissociating nouns and verbs in temporal and perisylvian networks: Evidence from neurodegenerative diseases. <i>Cortex</i> , <b>2021</b> , 142, 47-61	3.8	6
63	Verbal Semantics and the Left Dorsolateral Anterior Temporal Lobe: A Longitudinal Case of Bilateral Temporal Degeneration. <i>Aphasiology</i> , <b>2020</b> , 34, 865-885	1.6	7
62	Task-Free Functional Language Networks: Reproducibility and Clinical Application. <i>Journal of Neuroscience</i> , <b>2020</b> , 40, 1311-1320	6.6	9
61	Prospective longitudinal atrophy in Alzheimer's disease correlates with the intensity and topography of baseline tau-PET. <i>Science Translational Medicine</i> , <b>2020</b> , 12,	17.5	172
60	Taking the sublexical route: brain dynamics of reading in the semantic variant of primary progressive aphasia. <i>Brain</i> , <b>2020</b> , 143, 2545-2560	11.2	6
59	Cortical developmental abnormalities in logopenic variant primary progressive aphasia with dyslexia. <i>Brain Communications</i> , <b>2019</b> , 1, fcz027	4.5	6
58	Primary progressive aphasia and the FTD-MND spectrum disorders: clinical, pathological, and neuroimaging correlates. <i>Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration</i> , <b>2019</b> , 20, 146-158	3.6	15
57	Genetic screen in a large series of patients with primary progressive aphasia. <i>Alzheimer's and Dementia</i> , <b>2019</b> , 15, 553-560	1.2	19
56	Factors that predict diagnostic stability in neurodegenerative dementia. <i>Journal of Neurology</i> , <b>2019</b> , 266, 1998-2009	5.5	7

55	Neurocognitive basis of repetition deficits in primary progressive aphasia. <i>Brain and Language</i> , <b>2019</b> , 194, 35-45	2.9	18
54	Dopamine receptor D (DRD) polymorphisms with reduced functional potency intensify atrophy in syndrome-specific sites of frontotemporal dementia. <i>NeuroImage: Clinical</i> , <b>2019</b> , 23, 101822	5.3	3
53	Atypical clinical features associated with mixed pathology in a case of non-fluent variant primary progressive aphasia. <i>Neurocase</i> , <b>2019</b> , 25, 39-47	0.8	5
52	Genetic variation across RNA metabolism and cell death gene networks is implicated in the semantic variant of primary progressive aphasia. <i>Scientific Reports</i> , <b>2019</b> , 9, 10854	4.9	5
51	Artistic Renaissance in Frontotemporal Dementia. <i>JAMA - Journal of the American Medical Association</i> , <b>2018</b> , 319, 1304-1306	27.4	12
50	Prevalence of Mathematical and Visuospatial Learning Disabilities in Patients With Posterior Cortical Atrophy. <i>JAMA Neurology</i> , <b>2018</b> , 75, 728-737	17.2	32
49	Gain of toxic apolipoprotein E4 effects in human iPSC-derived neurons is ameliorated by a small-molecule structure corrector. <i>Nature Medicine</i> , <b>2018</b> , 24, 647-657	50.5	173
48	Associations between [F]AV1451 tau PET and CSF measures of tau pathology in a clinical sample. <i>Neurology</i> , <b>2018</b> , 90, e282-e290	6.5	84
47	Rates of Amyloid Imaging Positivity in Patients With Primary Progressive Aphasia. <i>JAMA Neurology</i> , <b>2018</b> , 75, 342-352	17.2	59
46	Abnormal age-related cortical folding and neurite morphology in children with developmental dyslexia. <i>NeuroImage: Clinical</i> , <b>2018</b> , 18, 814-821	5.3	17
45	Local and distant relationships between amyloid, tau and neurodegeneration in Alzheimer's Disease. <i>NeuroImage: Clinical</i> , <b>2018</b> , 17, 452-464	5.3	83
44	Altered topology of the functional speech production network in non-fluent/agrammatic variant of PPA. <i>Cortex</i> , <b>2018</b> , 108, 252-264	3.8	13
43	Immune-related genetic enrichment in frontotemporal dementia: An analysis of genome-wide association studies. <i>PLoS Medicine</i> , <b>2018</b> , 15, e1002487	11.6	77
42	O1-13-04: REGIONAL ACCUMULATION OF ARGYROPHILIC THORNY-SHAPED ASTROCYTE CLUSTERS (ATAC) CORRELATES WITH WORSE VISUOSPATIAL AND LANGUAGE FUNCTIONS IN ALZHEIMER'S DISEASE <b>2018</b> , 14, P254-P254		
41	P1-494: REGIONAL NEUROFIBRILLARY TANGLE DISTRIBUTION AS A CONTRIBUTOR TO CLINICAL HETEROGENEITY IN ALZHEIMER'S DISEASE <b>2018</b> , 14, P517-P518		
40	F1-01-02: NON-AMNESTIC PHENOTYPES OF ALZHEIMER'S DISEASE, EARLY AGE OF ONSET AND APOE GENOTYPE ARE ASSOCIATED WITH TAU-, NOT AβPET <b>2018</b> , 14, P199-P200		
39	IC-P-145: NON-AMNESTIC PHENOTYPES OF ALZHEIMER'S DISEASE, EARLY AGE OF ONSET AND APOE GENOTYPE ARE ASSOCIATED WITH TAU, NOT AβPET <b>2018</b> , 14, P123-P124		
38	Considerations on Retrospective Identification and Classification of Learning Disabilities-Reply. <i>JAMA Neurology</i> , <b>2018</b> , 75, 1575	17.2	

37	Protein network analysis reveals selectively vulnerable regions and biological processes in FTD. <i>Neurology: Genetics</i> , <b>2018</b> , 4, e266	3.8	7
36	Mixed TDP-43 proteinopathy and tauopathy in frontotemporal lobar degeneration: nine case series. <i>Journal of Neurology</i> , <b>2018</b> , 265, 2960-2971	5.5	8
35	Typical and atypical pathology in primary progressive aphasia variants. <i>Annals of Neurology</i> , <b>2017</b> , 81, 430-443	9.4	192
34	Tau pathology and neurodegeneration contribute to cognitive impairment in Alzheimer's disease. <i>Brain</i> , <b>2017</b> , 140, 3286-3300	11.2	273
33	Distinct spatiotemporal patterns of neuronal functional connectivity in primary progressive aphasia variants. <i>Brain</i> , <b>2017</b> , 140, 2737-2751	11.2	35
32	Clinicopathological correlations in behavioural variant frontotemporal dementia. <i>Brain</i> , <b>2017</b> , 140, 3329-3345	11.2	139
31	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> , <b>2017</b> , 3, 507-512	6	23
30	[P2018]: FINE-MAPPING OF THE HUMAN LEUKOCYTE ANTIGEN (HLA) LOCUS AS A RISK FACTOR FOR ALZHEIMER'S DISEASE <b>2017</b> , 13, P652-P652		1
29	[IC-P-176]: TAU PATHOLOGY AND GRAY MATTER ATROPHY CONTRIBUTE TO COGNITIVE IMPAIRMENT IN ALZHEIMER'S DISEASE <b>2017</b> , 13, P131-P131		
28	[O30303]: TAU PATHOLOGY AND GRAY MATTER ATROPHY CONTRIBUTE TO COGNITIVE IMPAIRMENT IN ALZHEIMER'S DISEASE <b>2017</b> , 13, P902-P904		
27	Fine-mapping of the human leukocyte antigen locus as a risk factor for Alzheimer disease: A case-control study. <i>PLoS Medicine</i> , <b>2017</b> , 14, e1002272	11.6	39
26	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> , <b>2017</b> , 55, 249-258	4.3	13
25	Increased prevalence of autoimmune disease within C9 and FTD/MND cohorts: Completing the picture. <i>Neurology: Neuroimmunology and NeuroInflammation</i> , <b>2016</b> , 3, e301	9.1	52
24	Distinct Subtypes of Behavioral Variant Frontotemporal Dementia Based on Patterns of Network Degeneration. <i>JAMA Neurology</i> , <b>2016</b> , 73, 1078-88	17.2	86
23	Rare TREM2 variants associated with Alzheimer's disease display reduced cell surface expression. <i>Acta Neuropathologica Communications</i> , <b>2016</b> , 4, 98	7.3	32
22	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> , <b>2016</b> , 3, 91-7	5.2	37
21	Phonological Processing in Primary Progressive Aphasia. <i>Journal of Cognitive Neuroscience</i> , <b>2016</b> , 28, 210-22	3.1	48
20	Cognition and neuropsychiatry in behavioral variant frontotemporal dementia by disease stage. <i>Neurology</i> , <b>2016</b> , 86, 600-10	6.5	58

19	Tau PET patterns mirror clinical and neuroanatomical variability in Alzheimer's disease. <i>Brain</i> , <b>2016</b> , 139, 1551-67	11.2	570
18	O1-07-05: Longitudinal Patterns of Cerebral Atrophy in Distinct Clinical Variants of Alzheimer's Disease <b>2016</b> , 12, P191-P193		1
17	Cognition and neuropsychiatry in behavioral variant frontotemporal dementia by disease stage. <i>Neurology</i> , <b>2016</b> , 87, 1523	6.5	1
16	Healthy brain connectivity predicts atrophy progression in non-fluent variant of primary progressive aphasia. <i>Brain</i> , <b>2016</b> , 139, 2778-2791	11.2	71
15	Loss of functional connectivity is greater outside the default mode network in nonfamilial early-onset Alzheimer's disease variants. <i>Neurobiology of Aging</i> , <b>2015</b> , 36, 2678-86	5.6	54
14	Verbal creativity in semantic variant primary progressive aphasia. <i>Neurocase</i> , <b>2015</b> , 21, 73-8	0.8	20
13	O4-01-02: Associations of [18F]AV1451 Tau PET with age, ApoE genotype, and cognition in Alzheimer's disease <b>2015</b> , 11, P265-P266		1
12	IC-P-157: Associations of [18F]AV1451 Tau PET with age, ApoE genotype, and cognition in Alzheimer's disease <b>2015</b> , 11, P105-P106		
11	Tau, amyloid, and hypometabolism in a patient with posterior cortical atrophy. <i>Annals of Neurology</i> , <b>2015</b> , 77, 338-42	9.4	106
10	Anomalous functional language lateralization in semantic variant PPA. <i>Neurology</i> , <b>2015</b> , 84, 204-6	6.5	7
9	O3-11-04: Learning disability status within the posterior cortical atrophy syndrome <b>2015</b> , 11, P245-P245		
8	O4-01-03: AMYLOID PET HAS GREATER CLINICAL IMPACT THAN FDG PET IN THE DIFFERENTIAL DIAGNOSIS OF AD AND FTD <b>2014</b> , 10, P249-P249		
7	Art and the Brain <b>2014</b> , 275-276		
6	Transient Global Amnesia <b>2014</b> , 489-490		
5	Handedness and language learning disability differentially distribute in progressive aphasia variants. <i>Brain</i> , <b>2013</b> , 136, 3461-73	11.2	100
4	Artistic creativity and dementia. <i>Progress in Brain Research</i> , <b>2013</b> , 204, 99-112	2.9	24
3	Interrater reliability of the new criteria for behavioral variant frontotemporal dementia. <i>Neurology</i> , <b>2013</b> , 80, 1973-7	6.5	29
2	TDP-43 frontotemporal lobar degeneration and autoimmune disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , <b>2013</b> , 84, 956-62	5.5	103

