

Meng-Shan Tan

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.

100
papers

5,415
citations

40
h-index

72
g-index

103
ext. papers

6,643
ext. citations

5.1
avg, IF

5.68
L-index

#	Paper	IF	Citations
100	Inhibition of caspase-1 ameliorates tauopathy and rescues cognitive impairment in SAMP8 mice.. <i>Metabolic Brain Disease</i> , 2022 , 1	3.9	1
99	Caspase-1 variant influencing CSF tau and FDG PET levels in non-demented elders from the ADNI cohort.. <i>BMC Neurology</i> , 2022 , 22, 59	3.1	0
98	Associations of Alzheimer's disease risk variants with gene expression, amyloidosis, tauopathy, and neurodegeneration. <i>Alzheimer's Research and Therapy</i> , 2021 , 13, 15	9	9
97	Longitudinal trajectories of Alzheimer's ATN biomarkers in elderly persons without dementia. <i>Alzheimer's Research and Therapy</i> , 2020 , 12, 55	9	6
96	Evidence-based prevention of Alzheimer's disease: systematic review and meta-analysis of 243 observational prospective studies and 153 randomised controlled trials. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2020 , 91, 1201-1209	5.5	94
95	PET Amyloid and Tau Status Are Differently Affected by Patient Features. <i>Journal of Alzheimer's Disease</i> , 2020 , 78, 1129-1136	4.3	0
94	Soluble TREM1 concentrations are increased and positively correlated with total tau levels in the plasma of patients with Alzheimer's disease. <i>Aging Clinical and Experimental Research</i> , 2019 , 31, 1801-1805	4.8	12
93	Genome-wide association study identifies Alzheimer's risk variant in MS4A6A influencing cerebrospinal fluid sTREM2 levels. <i>Neurobiology of Aging</i> , 2019 , 84, 241.e13-241.e20	5.6	18
92	Mutation Mediate Alzheimer's Disease Risk by Altering Neuronal Degeneration. <i>Frontiers in Neuroscience</i> , 2019 , 13, 455	5.1	4
91	Diabetes mellitus and risks of cognitive impairment and dementia: A systematic review and meta-analysis of 144 prospective studies. <i>Ageing Research Reviews</i> , 2019 , 55, 100944	12	103
90	Common Variant in PLD3 Influencing Cerebrospinal Fluid Total Tau Levels and Hippocampal Volumes in Mild Cognitive Impairment Patients from the ADNI Cohort. <i>Journal of Alzheimer's Disease</i> , 2018 , 65, 871-876	4.3	4
89	Rare Variants in PLD3 Increase Risk for Alzheimer's Disease in Han Chinese. <i>Journal of Alzheimer's Disease</i> , 2018 , 64, 55-59	4.3	9
88	Association of lectin-like oxidized low density lipoprotein receptor 1 () polymorphisms with late-onset Alzheimer disease in Han Chinese. <i>Annals of Translational Medicine</i> , 2018 , 6, 172	3.2	4
87	Comparative safety and effectiveness of cholinesterase inhibitors and memantine for Alzheimer's disease: a network meta-analysis of 41 randomized controlled trials. <i>Alzheimer's Research and Therapy</i> , 2018 , 10, 126	9	47
86	Association of Parkinson's Disease GWAS-Linked Loci with Alzheimer's Disease in Han Chinese. <i>Molecular Neurobiology</i> , 2017 , 54, 308-318	6.2	18
85	A Missense Variant in TREML2 Reduces Risk of Alzheimer's Disease in a Han Chinese Population. <i>Molecular Neurobiology</i> , 2017 , 54, 977-982	6.2	9
84	Effect of CR1 Genetic Variants on Cerebrospinal Fluid and Neuroimaging Biomarkers in Healthy, Mild Cognitive Impairment and Alzheimer's Disease Cohorts. <i>Molecular Neurobiology</i> , 2017 , 54, 551-562	6.2	15

83	Impacts of CD33 Genetic Variations on the Atrophy Rates of Hippocampus and Parahippocampal Gyrus in Normal Aging and Mild Cognitive Impairment. <i>Molecular Neurobiology</i> , 2017 , 54, 1111-1118	6.2	12
82	GWAS-Linked Loci and Neuroimaging Measures in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2017 , 54, 146-153	6.2	15
81	PGRN Is Associated with Late-Onset Alzheimer's Disease: a Case-Control Replication Study and Meta-analysis. <i>Molecular Neurobiology</i> , 2017 , 54, 1187-1195	6.2	22
80	SORL1 Is Associated with the Risk of Late-Onset Alzheimer's Disease: a Replication Study and Meta-Analyses. <i>Molecular Neurobiology</i> , 2017 , 54, 1725-1732	6.2	7
79	Endovascular Treatment Versus Intravenous Thrombolysis for Acute Ischemic Stroke: a Quantitative Review and Meta-Analysis of 21 Randomized Trials. <i>Molecular Neurobiology</i> , 2017 , 54, 1369-1378	6.2	6
78	Associations of rs3740677 within GAB2 Gene with LOAD in Chinese Han Population. <i>Molecular Neurobiology</i> , 2017 , 54, 4015-4020	6.2	2
77	HLA-A2 Alleles Mediate Alzheimer's Disease by Altering Hippocampal Volume. <i>Molecular Neurobiology</i> , 2017 , 54, 2469-2476	6.2	7
76	Association of DISC1 Polymorphisms with Late-Onset Alzheimer's Disease in Northern Han Chinese. <i>Molecular Neurobiology</i> , 2017 , 54, 2922-2927	6.2	3
75	Genetic Association of HLA Gene Variants with MRI Brain Structure in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2017 , 54, 3195-3204	6.2	18
74	Effects of HLA-DRB1/DQB1 Genetic Variants on Neuroimaging in Healthy, Mild Cognitive Impairment, and Alzheimer's Disease Cohorts. <i>Molecular Neurobiology</i> , 2017 , 54, 3181-3188	6.2	11
73	The Association of MME microRNA Binding Site Polymorphism with the Risk of Late Onset Alzheimer's Disease in Northern Han Chinese. <i>Current Neurovascular Research</i> , 2017 , 14, 90-95	1.8	2
72	Association of HLA-DRB1 polymorphism with Alzheimer's disease: a replication and meta-analysis. <i>Oncotarget</i> , 2017 , 8, 93219-93226	3.3	17
71	The Role of PGRN in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2016 , 53, 4189-4196	6.2	15
70	The Role of MAPT in Neurodegenerative Diseases: Genetics, Mechanisms and Therapy. <i>Molecular Neurobiology</i> , 2016 , 53, 4893-904	6.2	26
69	The Role of TDP-43 in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2016 , 53, 3349-3359	6.2	44
68	The Role of Retromer in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2016 , 53, 4201-4209	6.2	9
67	Education and Risk of Dementia: Dose-Response Meta-Analysis of Prospective Cohort Studies. <i>Molecular Neurobiology</i> , 2016 , 53, 3113-3123	6.2	101
66	Retraction Note: Efficacy and safety of atypical antipsychotic drug treatment for dementia: a systematic review and meta-analysis. <i>Alzheimer's Research and Therapy</i> , 2016 , 8, 28	9	

65	Effect of CLU genetic variants on cerebrospinal fluid and neuroimaging markers in healthy, mild cognitive impairment and Alzheimer's disease cohorts. <i>Scientific Reports</i> , 2016 , 6, 26027	4.9	32
64	Risk factors for predicting progression from mild cognitive impairment to Alzheimer's disease: a systematic review and meta-analysis of cohort studies. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2016 , 87, 476-84	5.5	141
63	Association of Single-Nucleotide Polymorphism in ANK1 with Late-Onset Alzheimer's Disease in Han Chinese. <i>Molecular Neurobiology</i> , 2016 , 53, 6476-6481	6.2	13
62	The Impact of UNC5C Genetic Variations on Neuroimaging in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2016 , 53, 6759-6767	6.2	14
61	Dietary Patterns and Risk of Dementia: a Systematic Review and Meta-Analysis of Cohort Studies. <i>Molecular Neurobiology</i> , 2016 , 53, 6144-6154	6.2	120
60	Frontotemporal Lobar Degeneration: Mechanisms and Therapeutic Strategies. <i>Molecular Neurobiology</i> , 2016 , 53, 6091-6105	6.2	9
59	Impact of Common Variations in PLD3 on Neuroimaging Phenotypes in Non-demented Elders. <i>Molecular Neurobiology</i> , 2016 , 53, 4343-51	6.2	10
58	The prevalence of neuropsychiatric symptoms in Alzheimer's disease: Systematic review and meta-analysis. <i>Journal of Affective Disorders</i> , 2016 , 190, 264-271	6.6	378
57	The Role of Reelin Signaling in Alzheimer's Disease. <i>Molecular Neurobiology</i> , 2016 , 53, 5692-700	6.2	19
56	Effect of HMGCRC genetic variation on neuroimaging biomarkers in healthy, mild cognitive impairment and Alzheimer's disease cohorts. <i>Oncotarget</i> , 2016 , 7, 13319-27	3.3	3
55	Association of HMGCRC polymorphism with late-onset Alzheimer's disease in Han Chinese. <i>Oncotarget</i> , 2016 , 7, 22746-51	3.3	9
54	NME8 rs2718058 polymorphism with Alzheimer's disease risk: a replication and meta-analysis. <i>Oncotarget</i> , 2016 , 7, 36014-36020	3.3	4
53	MEF2C rs190982 polymorphism with late-onset Alzheimer's disease in Han Chinese: A replication study and meta-analyses. <i>Oncotarget</i> , 2016 , 7, 39136-39142	3.3	9
52	Impact of SORL1 genetic variations on MRI markers in non-demented elders. <i>Oncotarget</i> , 2016 , 7, 31689-98	3.3	7
51	ZCWPW1 is associated with late-onset Alzheimer's disease in Han Chinese: a replication study and meta-analyses. <i>Oncotarget</i> , 2016 , 7, 20305-11	3.3	13
50	FERMT2 rs17125944 polymorphism with Alzheimer's disease risk: a replication and meta-analysis. <i>Oncotarget</i> , 2016 , 7, 39044-39050	3.3	6
49	ABCA7 Genotypes Confer Alzheimer's Disease Risk by Modulating Amyloid- β Pathology. <i>Journal of Alzheimer's Disease</i> , 2016 , 52, 693-703	4.3	13
48	Application of the IWG-2 Diagnostic Criteria for Alzheimer's Disease to the ADNI. <i>Journal of Alzheimer's Disease</i> , 2016 , 51, 227-36	4.3	10

47	Bridging Integrator 1 (BIN1) Genotypes Mediate Alzheimer's Disease Risk by Altering Neuronal Degeneration. <i>Journal of Alzheimer's Disease</i> , 2016 , 52, 179-90	4.3	26
46	The impact of PICALM genetic variations on reserve capacity of posterior cingulate in AD continuum. <i>Scientific Reports</i> , 2016 , 6, 24480	4.9	9
45	A rare coding variant in TREM2 increases risk for Alzheimer's disease in Han Chinese. <i>Neurobiology of Aging</i> , 2016 , 42, 217.e1-3	5.6	53
44	Common variant in PTK2B is associated with late-onset Alzheimer's disease: A replication study and meta-analyses. <i>Neuroscience Letters</i> , 2016 , 621, 83-87	3.3	11
43	NLRP1 inflammasome is activated in patients with medial temporal lobe epilepsy and contributes to neuronal pyroptosis in amygdala kindling-induced rat model. <i>Journal of Neuroinflammation</i> , 2015 , 12, 18	10.1	101
42	Genetics of Vascular Dementia: Systematic Review and Meta-Analysis. <i>Journal of Alzheimer's Disease</i> , 2015 , 46, 611-29	4.3	45
41	Silencing of TREM2 exacerbates tau pathology, neurodegenerative changes, and spatial learning deficits in P301S tau transgenic mice. <i>Neurobiology of Aging</i> , 2015 , 36, 3176-3186	5.6	60
40	Meta-analysis of modifiable risk factors for Alzheimer's disease. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015 , 86, 1299-306	5.5	244
39	Efficacy and safety of cholinesterase inhibitors and memantine in cognitive impairment in Parkinson's disease, Parkinson's disease dementia, and dementia with Lewy bodies: systematic review with meta-analysis and trial sequential analysis. <i>Journal of Neurology, Neurosurgery and Psychiatry</i> , 2015 , 86, 135-43	5.5	164
38	Efficacy and adverse effects of ginkgo biloba for cognitive impairment and dementia: a systematic review and meta-analysis. <i>Journal of Alzheimer's Disease</i> , 2015 , 43, 589-603	4.3	127
37	Serum Iron, Zinc, and Copper Levels in Patients with Alzheimer's Disease: A Replication Study and Meta-Analyses. <i>Journal of Alzheimer's Disease</i> , 2015 , 47, 565-81	4.3	70
36	Common Variants in PLD3 and Correlation to Amyloid-Related Phenotypes in Alzheimer's Disease. <i>Journal of Alzheimer's Disease</i> , 2015 , 46, 491-5	4.3	15
35	Effect of EPHA1 genetic variation on cerebrospinal fluid and neuroimaging biomarkers in healthy, mild cognitive impairment and Alzheimer's disease cohorts. <i>Journal of Alzheimer's Disease</i> , 2015 , 44, 115-23	4.3	19
34	Genome-wide circulating microRNA expression profiling indicates biomarkers for epilepsy. <i>Scientific Reports</i> , 2015 , 5, 9522	4.9	86
33	Efficacy and safety of atypical antipsychotic drug treatment for dementia: a systematic review and meta-analysis. <i>Alzheimer's Research and Therapy</i> , 2015 , 7, 20	9	32
32	Circulating microRNAs are promising novel biomarkers for drug-resistant epilepsy. <i>Scientific Reports</i> , 2015 , 5, 10201	4.9	98
31	Role of pro-inflammatory cytokines released from microglia in Alzheimer's disease. <i>Annals of Translational Medicine</i> , 2015 , 3, 136	3.2	386
30	Circulating miR-125b as a biomarker of Alzheimer's disease. <i>Journal of the Neurological Sciences</i> , 2014 , 336, 52-6	3.2	147

29	Efficacy and safety of donepezil, galantamine, rivastigmine, and memantine for the treatment of Alzheimer's disease: a systematic review and meta-analysis. <i>Journal of Alzheimer's Disease</i> , 2014 , 41, 615-31	4.3	274
28	Autophagy in aging and neurodegenerative diseases: implications for pathogenesis and therapy. <i>Neurobiology of Aging</i> , 2014 , 35, 941-57	5.6	178
27	Genetic variation in BIN1 gene and Alzheimer's disease risk in Han Chinese individuals. <i>Neurobiology of Aging</i> , 2014 , 35, 1781.e1-8	5.6	28
26	Genome-wide serum microRNA expression profiling identifies serum biomarkers for Alzheimer's disease. <i>Journal of Alzheimer's Disease</i> , 2014 , 40, 1017-27	4.3	147
25	Association of IL-12A and IL-12B polymorphisms with Alzheimer's disease susceptibility in a Han Chinese population. <i>Journal of Neuroimmunology</i> , 2014 , 274, 180-4	3.5	27
24	Upregulation of TREM2 ameliorates neuropathology and rescues spatial cognitive impairment in a transgenic mouse model of Alzheimer's disease. <i>Neuropsychopharmacology</i> , 2014 , 39, 2949-62	8.7	168
23	Genetic variation in PICALM and Alzheimer's disease risk in Han Chinese. <i>Neurobiology of Aging</i> , 2014 , 35, 934.e1-3	5.6	20
22	Temsirolimus promotes autophagic clearance of amyloid- β and provides protective effects in cellular and animal models of Alzheimer's disease. <i>Pharmacological Research</i> , 2014 , 81, 54-63	10.2	129
21	Triggering receptor expressed on myeloid cells 2 knockdown exacerbates aging-related neuroinflammation and cognitive deficiency in senescence-accelerated mouse prone 8 mice. <i>Neurobiology of Aging</i> , 2014 , 35, 1243-51	5.6	69
20	Decreased expression of CD33 in peripheral mononuclear cells of Alzheimer's disease patients. <i>Neuroscience Letters</i> , 2014 , 563, 51-4	3.3	14
19	Association of LRRTM3 polymorphisms with late-onset Alzheimer's disease in Han Chinese. <i>Experimental Gerontology</i> , 2014 , 52, 18-22	4.5	10
18	Depression in Alzheimer's disease: epidemiology, mechanisms, and management. <i>Journal of Alzheimer's Disease</i> , 2014 , 42, 739-55	4.3	73
17	Temsirolimus attenuates tauopathy <i>in vitro</i> and <i>in vivo</i> by targeting tau hyperphosphorylation and autophagic clearance. <i>Neuropharmacology</i> , 2014 , 85, 121-30	5.5	90
16	Midlife vascular risk factors and the risk of Alzheimer's disease: a systematic review and meta-analysis. <i>Journal of Alzheimer's Disease</i> , 2014 , 42, 1295-310	4.3	105
15	Heat shock protein 70 in Alzheimer's disease. <i>BioMed Research International</i> , 2014 , 2014, 435203	3	44
14	Heat shock proteins at the crossroads between cancer and Alzheimer's disease. <i>BioMed Research International</i> , 2014 , 2014, 239164	3	16
13	Resveratrol as a therapeutic agent for Alzheimer's disease. <i>BioMed Research International</i> , 2014 , 2014, 350516	3	77
12	Inhibition of the NLRP3 inflammasome provides neuroprotection in rats following amygdala kindling-induced status epilepticus. <i>Journal of Neuroinflammation</i> , 2014 , 11, 212	10.1	55

11	Behavioral and psychological symptoms in Alzheimer's disease. <i>BioMed Research International</i> , 2014 , 2014, 927804	3	54
10	Matrix metalloproteinases and their multiple roles in Alzheimer's disease. <i>BioMed Research International</i> , 2014 , 2014, 908636	3	55
9	Heat shock protein 90 in Alzheimer's disease. <i>BioMed Research International</i> , 2014 , 2014, 796869	3	41
8	Microglia in Alzheimer's disease. <i>BioMed Research International</i> , 2014 , 2014, 437483	3	38
7	Triggering receptor expressed on myeloid cells 2 variant is rare in late-onset Alzheimer's disease in Han Chinese individuals. <i>Neurobiology of Aging</i> , 2014 , 35, 937.e1-3	3.6	50
6	IL12/23 p40 inhibition ameliorates Alzheimer's disease-associated neuropathology and spatial memory in SAMP8 mice. <i>Journal of Alzheimer's Disease</i> , 2014 , 38, 633-46	4.3	58
5	Application of next-generation sequencing technologies in Neurology. <i>Annals of Translational Medicine</i> , 2014 , 2, 125	3.2	23
4	Genome-wide association studies in neurology. <i>Annals of Translational Medicine</i> , 2014 , 2, 124	3.2	18
3	Bridging integrator 1 (BIN1): form, function, and Alzheimer's disease. <i>Trends in Molecular Medicine</i> , 2013 , 19, 594-603	11.5	127
2	NLRP3 polymorphisms are associated with late-onset Alzheimer's disease in Han Chinese. <i>Journal of Neuroimmunology</i> , 2013 , 265, 91-5	3.5	61
1	The NLRP3 inflammasome in Alzheimer's disease. <i>Molecular Neurobiology</i> , 2013 , 48, 875-82	6.2	180