Meng-Shan Tan

List of Publications by Citations

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	Role of pro-inflammatory cytokines released from microglia in Alzheimer's disease. *Annals of Translational Medicine*, **2015**, 3, 136	3.2	386
99	The prevalence of neuropsychiatric symptoms in Alzheimer's disease: Systematic review and meta-analysis. *Journal of Affective Disorders*, **2016**, 190, 264-271	6.6	378
98	Efficacy and safety of donepezil, galantamine, rivastigmine, and memantine for the treatment of Alzheimer's disease: a systematic review and meta-analysis. *Journal of Alzheimer's Disease*, **2014**, 41, 615-31	4.3	274
97	Meta-analysis of modifiable risk factors for Alzheimer's disease. *Journal of Neurology, Neurosurgery and Psychiatry*, **2015**, 86, 1299-306	5.5	244
96	The NLRP3 inflammasome in Alzheimer's disease. *Molecular Neurobiology*, **2013**, 48, 875-82	6.2	180
95	Autophagy in aging and neurodegenerative diseases: implications for pathogenesis and therapy. *Neurobiology of Aging*, **2014**, 35, 941-57	5.6	178
94	Upregulation of TREM2 ameliorates neuropathology and rescues spatial cognitive impairment in a transgenic mouse model of Alzheimer's disease. *Neuropsychopharmacology*, **2014**, 39, 2949-62	8.7	168
93	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. *Journal of Neurology, Neurosurgery and Psychiatry*, **2015**, 86, 135-43	5.5	164
92	Circulating miR-125b as a biomarker of Alzheimer's disease. *Journal of the Neurological Sciences*, **2014**, 336, 52-6	3.2	147
91	Genome-wide serum microRNA expression profiling identifies serum biomarkers for Alzheimer's disease. *Journal of Alzheimer's Disease*, **2014**, 40, 1017-27	4.3	147
90	Risk factors for predicting progression from mild cognitive impairment to Alzheimer's disease: a systematic review and meta-analysis of cohort studies. *Journal of Neurology, Neurosurgery and Psychiatry*, **2016**, 87, 476-84	5.5	141
89	Temsirolimus promotes autophagic clearance of amyloid-□and provides protective effects in cellular and animal models of Alzheimer's disease. *Pharmacological Research*, **2014**, 81, 54-63	10.2	129
88	Efficacy and adverse effects of ginkgo biloba for cognitive impairment and dementia: a systematic review and meta-analysis. *Journal of Alzheimer's Disease*, **2015**, 43, 589-603	4.3	127
87	Bridging integrator 1 (BIN1): form, function, and Alzheimer's disease. *Trends in Molecular Medicine*, **2013**, 19, 594-603	11.5	127
86	Dietary Patterns and Risk of Dementia: a Systematic Review and Meta-Analysis of Cohort Studies. *Molecular Neurobiology*, **2016**, 53, 6144-6154	6.2	120
85	Midlife vascular risk factors and the risk of Alzheimer's disease: a systematic review and meta-analysis. *Journal of Alzheimer's Disease*, **2014**, 42, 1295-310	4.3	105
84	Diabetes mellitus and risks of cognitive impairment and dementia: A systematic review and meta-analysis of 144 prospective studies. *Ageing Research Reviews*, **2019**, 55, 100944	12	103

83	Education and Risk of Dementia: Dose-Response Meta-Analysis of Prospective Cohort Studies. *Molecular Neurobiology*, **2016**, 53, 3113-3123	6.2	101
82	NLRP1 inflammasome is activated in patients with medial temporal lobe epilepsy and contributes to neuronal pyroptosis in amygdala kindling-induced rat model. *Journal of Neuroinflammation*, **2015**, 12, 18	10.1	101
81	Circulating microRNAs are promising novel biomarkers for drug-resistant epilepsy. *Scientific Reports*, **2015**, 5, 10201	4.9	98
80	Evidence-based prevention of Alzheimer's disease: systematic review and meta-analysis of 243 observational prospective studies and 153 randomised controlled trials. *Journal of Neurology, Neurosurgery and Psychiatry*, **2020**, 91, 1201-1209	5.5	94
79	Temsirolimus attenuates tauopathy in vitro and in vivo by targeting tau hyperphosphorylation and autophagic clearance. *Neuropharmacology*, **2014**, 85, 121-30	5.5	90
78	Genome-wide circulating microRNA expression profiling indicates biomarkers for epilepsy. *Scientific Reports*, **2015**, 5, 9522	4.9	86
77	Resveratrol as a therapeutic agent for Alzheimer's disease. *BioMed Research International*, **2014**, 2014, 350516	3	77
76	Depression in Alzheimer's disease: epidemiology, mechanisms, and management. *Journal of Alzheimer's Disease*, **2014**, 42, 739-55	4.3	73
75	Serum Iron, Zinc, and Copper Levels in Patients with Alzheimer's Disease: A Replication Study and Meta-Analyses. *Journal of Alzheimer's Disease*, **2015**, 47, 565-81	4.3	70
74	Triggering receptor expressed on myeloid cells 2 knockdown exacerbates aging-related neuroinflammation and cognitive deficiency in senescence-accelerated mouse prone 8 mice. *Neurobiology of Aging*, **2014**, 35, 1243-51	5.6	69
73	NLRP3 polymorphisms are associated with late-onset Alzheimer's disease in Han Chinese. *Journal of Neuroimmunology*, **2013**, 265, 91-5	3.5	61
72	Silencing of TREM2 exacerbates tau pathology, neurodegenerative changes, and spatial learning deficits in P301S tau transgenic mice. *Neurobiology of Aging*, **2015**, 36, 3176-3186	5.6	60
71	IL12/23 p40 inhibition ameliorates Alzheimer's disease-associated neuropathology and spatial memory in SAMP8 mice. *Journal of Alzheimer's Disease*, **2014**, 38, 633-46	4.3	58
70	Inhibition of the NLRP3 inflammasome provides neuroprotection in rats following amygdala kindling-induced status epilepticus. *Journal of Neuroinflammation*, **2014**, 11, 212	10.1	55
69	Matrix metalloproteinases and their multiple roles in Alzheimer's disease. *BioMed Research International*, **2014**, 2014, 908636	3	55
68	Behavioral and psychological symptoms in Alzheimer's disease. *BioMed Research International*, **2014**, 2014, 927804	3	54
67	A rare coding variant in TREM2 increases risk for Alzheimer's disease in Han Chinese. *Neurobiology of Aging*, **2016**, 42, 217.e1-3	5.6	53
66	Triggering receptor expressed on myeloid cells 2 variant is rare in late-onset Alzheimer's disease in Han Chinese individuals. *Neurobiology of Aging*, **2014**, 35, 937.e1-3	5.6	50

65	Comparative safety and effectiveness of cholinesterase inhibitors and memantine for Alzheimer's disease: a network meta-analysis of 41 randomized controlled trials. *Alzheimer's Research and Therapy*, **2018**, 10, 126	9	47
64	Genetics of Vascular Dementia: Systematic Review and Meta-Analysis. *Journal of Alzheimer's Disease*, **2015**, 46, 611-29	4.3	45
63	The Role of TDP-43 in Alzheimer's Disease. *Molecular Neurobiology*, **2016**, 53, 3349-3359	6.2	44
62	Heat shock protein 70 in Alzheimer's disease. *BioMed Research International*, **2014**, 2014, 435203	3	44
61	Heat shock protein 90 in Alzheimer's disease. *BioMed Research International*, **2014**, 2014, 796869	3	41
60	Microglia in Alzheimer's disease. *BioMed Research International*, **2014**, 2014, 437483	3	38
59	Effect of CLU genetic variants on cerebrospinal fluid and neuroimaging markers in healthy, mild cognitive impairment and Alzheimer's disease cohorts. *Scientific Reports*, **2016**, 6, 26027	4.9	32
58	Efficacy and safety of atypical antipsychotic drug treatment for dementia: a systematic review and meta-analysis. *Alzheimer's Research and Therapy*, **2015**, 7, 20	9	32
57	Genetic variation in BIN1 gene and Alzheimer's disease risk in Han Chinese individuals. *Neurobiology of Aging*, **2014**, 35, 1781.e1-8	5.6	28
56	Association of IL-12A and IL-12B polymorphisms with Alzheimer's disease susceptibility in a Han Chinese population. *Journal of Neuroimmunology*, **2014**, 274, 180-4	3.5	27
55	The Role of MAPT in Neurodegenerative Diseases: Genetics, Mechanisms and Therapy. *Molecular Neurobiology*, **2016**, 53, 4893-904	6.2	26
54	Bridging Integrator 1 (BIN1) Genotypes Mediate Alzheimer's Disease Risk by Altering Neuronal Degeneration. *Journal of Alzheimer's Disease*, **2016**, 52, 179-90	4.3	26
53	Application of next-generation sequencing technologies in Neurology. *Annals of Translational Medicine*, **2014**, 2, 125	3.2	23
52	PGRN Is Associated with Late-Onset Alzheimer's Disease: a Case-Control Replication Study and Meta-analysis. *Molecular Neurobiology*, **2017**, 54, 1187-1195	6.2	22
51	Genetic variation in PICALM and Alzheimer's disease risk in Han Chinese. *Neurobiology of Aging*, **2014**, 35, 934.e1-3	5.6	20
50	The Role of Reelin Signaling in Alzheimer's Disease. *Molecular Neurobiology*, **2016**, 53, 5692-700	6.2	19
49	Effect of EPHA1 genetic variation on cerebrospinal fluid and neuroimaging biomarkers in healthy, mild cognitive impairment and Alzheimer's disease cohorts. *Journal of Alzheimer's Disease*, **2015**, 44, 115-23	4.3	19
48	Association of Parkinson's Disease GWAS-Linked Loci with Alzheimer's Disease in Han Chinese. *Molecular Neurobiology*, **2017**, 54, 308-318	6.2	18

47	Genetic Association of HLA Gene Variants with MRI Brain Structure in Alzheimer's Disease. *Molecular Neurobiology*, **2017**, 54, 3195-3204	6.2	18
46	Genome-wide association study identifies Alzheimer's risk variant in MS4A6A influencing cerebrospinal fluid sTREM2 levels. *Neurobiology of Aging*, **2019**, 84, 241.e13-241.e20	5.6	18
45	Genome-wide association studies in neurology. *Annals of Translational Medicine*, **2014**, 2, 124	3.2	18
44	Association of HLA-DRB1 polymorphism with Alzheimer's disease: a replication and meta-analysis. *Oncotarget*, **2017**, 8, 93219-93226	3.3	17
43	Heat shock proteins at the crossroads between cancer and Alzheimer's disease. *BioMed Research International*, **2014**, 2014, 239164	3	16
42	The Role of PGRN in Alzheimer's Disease. *Molecular Neurobiology*, **2016**, 53, 4189-4196	6.2	15
41	Effect of CR1 Genetic Variants on Cerebrospinal Fluid and Neuroimaging Biomarkers in Healthy, Mild Cognitive Impairment and Alzheimer's Disease Cohorts. *Molecular Neurobiology*, **2017**, 54, 551-562	6.2	15
40	GWAS-Linked Loci and Neuroimaging Measures in Alzheimer's Disease. *Molecular Neurobiology*, **2017**, 54, 146-153	6.2	15
39	Common Variants in PLD3 and Correlation to Amyloid-Related Phenotypes in Alzheimer's Disease. *Journal of Alzheimer's Disease*, **2015**, 46, 491-5	4.3	15
38	The Impact of UNC5C Genetic Variations on Neuroimaging in Alzheimer's Disease. *Molecular Neurobiology*, **2016**, 53, 6759-6767	6.2	14
37	Decreased expression of CD33 in peripheral mononuclear cells of Alzheimer's disease patients. *Neuroscience Letters*, **2014**, 563, 51-4	3.3	14
36	Association of Single-Nucleotide Polymorphism in ANK1 with Late-Onset Alzheimer's Disease in Han Chinese. *Molecular Neurobiology*, **2016**, 53, 6476-6481	6.2	13
35	ZCWPW1 is associated with late-onset Alzheimer's disease in Han Chinese: a replication study and meta-analyses. *Oncotarget*, **2016**, 7, 20305-11	3.3	13
34	ABCA7 Genotypes Confer Alzheimer's Disease Risk by Modulating Amyloid-Pathology. *Journal of Alzheimer's Disease*, **2016**, 52, 693-703	4.3	13
33	Impacts of CD33 Genetic Variations on the Atrophy Rates of Hippocampus and Parahippocampal Gyrus in Normal Aging and Mild Cognitive Impairment. *Molecular Neurobiology*, **2017**, 54, 1111-1118	6.2	12
32	Soluble TREM1 concentrations are increased and positively correlated with total tau levels in the plasma of patients with Alzheimer's disease. *Aging Clinical and Experimental Research*, **2019**, 31, 1801-1805	4.8	12
31	Effects of HLA-DRB1/DQB1 Genetic Variants on Neuroimaging in Healthy, Mild Cognitive Impairment, and Alzheimer's Disease Cohorts. *Molecular Neurobiology*, **2017**, 54, 3181-3188	6.2	11
30	Common variant in PTK2B is associated with late-onset Alzheimer's disease: A replication study and meta-analyses. *Neuroscience Letters*, **2016**, 621, 83-87	3.3	11

29	Impact of Common Variations in PLD3 on Neuroimaging Phenotypes in Non-demented Elders. *Molecular Neurobiology*, **2016**, 53, 4343-51	6.2	10
28	Association of LRRTM3 polymorphisms with late-onset Alzheimer's disease in Han Chinese. *Experimental Gerontology*, **2014**, 52, 18-22	4.5	10
27	Application of the IWG-2 Diagnostic Criteria for Alzheimer's Disease to the ADNI. *Journal of Alzheimer's Disease*, **2016**, 51, 227-36	4.3	10
26	The Role of Retromer in Alzheimer's Disease. *Molecular Neurobiology*, **2016**, 53, 4201-4209	6.2	9
25	A Missense Variant in TREML2 Reduces Risk of Alzheimer's Disease in a Han Chinese Population. *Molecular Neurobiology*, **2017**, 54, 977-982	6.2	9
24	Frontotemporal Lobar Degeneration: Mechanisms and Therapeutic Strategies. *Molecular Neurobiology*, **2016**, 53, 6091-6105	6.2	9
23	Rare Variants in PLD3 Increase Risk for Alzheimer's Disease in Han Chinese. *Journal of Alzheimer's Disease*, **2018**, 64, 55-59	4.3	9
22	Association of HMGCR polymorphism with late-onset Alzheimer's disease in Han Chinese. *Oncotarget*, **2016**, 7, 22746-51	3.3	9
21	MEF2C rs190982 polymorphism with late-onset Alzheimer's disease in Han Chinese: A replication study and meta-analyses. *Oncotarget*, **2016**, 7, 39136-39142	3.3	9
20	The impact of PICALM genetic variations on reserve capacity of posterior cingulate in AD continuum. *Scientific Reports*, **2016**, 6, 24480	4.9	9
19	Associations of Alzheimer's disease risk variants with gene expression, amyloidosis, tauopathy, and neurodegeneration. *Alzheimer's Research and Therapy*, **2021**, 13, 15	9	9
18	SORL1 Is Associated with the Risk of Late-Onset Alzheimer's Disease: a Replication Study and Meta-Analyses. *Molecular Neurobiology*, **2017**, 54, 1725-1732	6.2	7
17	HLA-A2 Alleles Mediate Alzheimer's Disease by Altering Hippocampal Volume. *Molecular Neurobiology*, **2017**, 54, 2469-2476	6.2	7
16	Impact of SORL1 genetic variations on MRI markers in non-demented elders. *Oncotarget*, **2016**, 7, 31689-98	3.3	7
15	Endovascular Treatment Versus Intravenous Thrombolysis for Acute Ischemic Stroke: a Quantitative Review and Meta-Analysis of 21 Randomized Trials. *Molecular Neurobiology*, **2017**, 54, 1369-1378	6.2	6
14	Longitudinal trajectories of Alzheimer's ATN biomarkers in elderly persons without dementia. *Alzheimer's Research and Therapy*, **2020**, 12, 55	9	6
13	FERMT2 rs17125944 polymorphism with Alzheimer's disease risk: a replication and meta-analysis. *Oncotarget*, **2016**, 7, 39044-39050	3.3	6
12	Mutation Mediate Alzheimer's Disease Risk by Altering Neuronal Degeneration. *Frontiers in Neuroscience*, **2019**, 13, 455	5.1	4

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11	Common Variant in PLD3 Influencing Cerebrospinal Fluid Total Tau Levels and Hippocampal Volumes in Mild Cognitive Impairment Patients from the ADNI Cohort. *Journal of Alzheimer's Disease*, **2018**, 65, 871-876	4.3	4
10	NME8 rs2718058 polymorphism with Alzheimer's disease risk: a replication and meta-analysis. *Oncotarget*, **2016**, 7, 36014-36020	3.3	4
9	Association of lectin-like oxidized low density lipoprotein receptor 1 () polymorphisms with late-onset Alzheimer disease in Han Chinese. *Annals of Translational Medicine*, **2018**, 6, 172	3.2	4
8	Association of DISC1 Polymorphisms with Late-Onset Alzheimer's Disease in Northern Han Chinese. *Molecular Neurobiology*, **2017**, 54, 2922-2927	6.2	3
7	Effect of HMGCR genetic variation on neuroimaging biomarkers in healthy, mild cognitive impairment and Alzheimer's disease cohorts. *Oncotarget*, **2016**, 7, 13319-27	3.3	3
6	Associations of rs3740677 within GAB2 Gene with LOAD in Chinese Han Population. *Molecular Neurobiology*, **2017**, 54, 4015-4020	6.2	2
5	The Association of MME microRNA Binding Site Polymorphism with the Risk of Late Onset Alzheimer's Disease in Northern Han Chinese. *Current Neurovascular Research*, **2017**, 14, 90-95	1.8	2
4	Inhibition of caspase-1 ameliorates tauopathy and rescues cognitive impairment in SAMP8 mice.. *Metabolic Brain Disease*, **2022**, 1	3.9	1
3	PET Amyloid and Tau Status Are Differently Affected by Patient Features. *Journal of Alzheimer's Disease*, **2020**, 78, 1129-1136	4.3	0
2	Caspase-1 variant influencing CSF tau and FDG PET levels in non-demented elders from the ADNI cohort.. *BMC Neurology*, **2022**, 22, 59	3.1	0
1	Retraction Note: Efficacy and safety of atypical antipsychotic drug treatment for dementia: a systematic review and meta-analysis. *Alzheimer's Research and Therapy*, **2016**, 8, 28	9	