Shaomin Li

List of Publications by Year in Descending Order

31 papers	5,345 citations	21 h-index	37 g-index
37 ext. papers	6,074 ext. citations	10.1 avg, IF	5.28 L-index

#	Paper	IF	Citations
31	Bioactive human Alzheimer brain soluble A□pathophysiology and therapeutic opportunities.. *Molecular Psychiatry*, **2022**,	15.1	2
30	A mechanistic hypothesis for the impairment of synaptic plasticity by soluble A□oligomers from Alzheimer\'s brain. *Journal of Neurochemistry*, **2020**, 154, 583-597	6	68
29	Environmental enrichment prevents A□oligomer-induced synaptic dysfunction through mirna-132 and hdac3 signaling pathways. *Neurobiology of Disease*, **2020**, 134, 104617	7.5	19
28	Verubecestat for Prodromal Alzheimer\'s Disease. *New England Journal of Medicine*, **2019**, 381, 388	59.2	6
27	Iron promotes □synuclein aggregation and transmission by inhibiting TFEB-mediated autophagosome-lysosome fusion. *Journal of Neurochemistry*, **2018**, 145, 34-50	6	30
26	Astrocytic glutamatergic transporters are involved in A□nduced synaptic dysfunction. *Brain Research*, **2018**, 1678, 129-137	3.7	21
25	MicroRNA-132 provides neuroprotection for tauopathies via multiple signaling pathways. *Acta Neuropathologica*, **2018**, 136, 537-555	14.3	70
24	Soluble A□Oligomers Impair Dipolar Heterodendritic Plasticity by Activation of mGluR in the Hippocampal CA1 Region. *IScience*, **2018**, 6, 138-150	6.1	10
23	Decoding the synaptic dysfunction of bioactive human AD brain soluble A□to inspire novel therapeutic avenues for Alzheimer\'s disease. *Acta Neuropathologica Communications*, **2018**, 6, 121	7.3	28
22	Association of IGF1 gene polymorphism with Parkinson\'s disease in a Han Chinese population. *Journal of Gene Medicine*, **2017**, 19, e2949	3.5	5
21	Rapamycin upregulates glutamate transporter and IL-6 expression in astrocytes in a mouse model of Parkinson\'s disease. *Cell Death and Disease*, **2017**, 8, e2611	9.8	32
20	Human Brain-Derived A□Oligomers Bind to Synapses and Disrupt Synaptic Activity in a Manner That Requires APP. *Journal of Neuroscience*, **2017**, 37, 11947-11966	6.6	72
19	Large Soluble Oligomers of Amyloid □Protein from Alzheimer Brain Are Far Less Neuroactive Than the Smaller Oligomers to Which They Dissociate. *Journal of Neuroscience*, **2017**, 37, 152-163	6.6	185
18	MicroRNA expressing profiles in A53T mutant alpha-synuclein transgenic mice and Parkinsonian. *Oncotarget*, **2017**, 8, 15-28	3.3	31
17	Association of DYRK1A polymorphisms with sporadic Parkinson\'s disease in Chinese Han population. *Neuroscience Letters*, **2016**, 632, 39-43	3.3	13
16	The biomarkers of immune dysregulation and inflammation response in Parkinson disease. *Translational Neurodegeneration*, **2016**, 5, 16	10.3	34
15	Soluble A□oligomers impair hippocampal LTP by disrupting glutamatergic/GABAergic balance. *Neurobiology of Disease*, **2016**, 85, 111-121	7.5	92

List of Publications

14	Enhancing Beta-Catenin Activity via GSK3beta Inhibition Protects PC12 Cells against Rotenone Toxicity through Nurr1 Induction. *PLoS ONE*, **2016**, 11, e0152931	3.7	18
13	Complement C3-Deficient Mice Fail to Display Age-Related Hippocampal Decline. *Journal of Neuroscience*, **2015**, 35, 13029-42	6.6	208
12	Secreted amyloid β-proteins in a cell culture model include N-terminally extended peptides that impair synaptic plasticity. *Biochemistry*, **2014**, 53, 3908-21	3.2	71
11	Environmental novelty activates β2-adrenergic signaling to prevent the impairment of hippocampal LTP by Aβ oligomers. *Neuron*, **2013**, 77, 929-41	13.9	122
10	Soluble Aβ oligomers inhibit long-term potentiation through a mechanism involving excessive activation of extrasynaptic NR2B-containing NMDA receptors. *Journal of Neuroscience*, **2011**, 31, 6627-38	6.6	446
9	How do Soluble Oligomers of Amyloid beta-protein Impair Hippocampal Synaptic Plasticity?. *Frontiers in Cellular Neuroscience*, **2010**, 4, 5	6.1	27
8	Soluble oligomers of amyloid Beta protein facilitate hippocampal long-term depression by disrupting neuronal glutamate uptake. *Neuron*, **2009**, 62, 788-801	13.9	698
7	Amyloid-beta protein dimers isolated directly from Alzheimer's brains impair synaptic plasticity and memory. *Nature Medicine*, **2008**, 14, 837-42	50.5	2779
6	The effect of atropine administered in the medial septum or hippocampus on high- and low-frequency theta rhythms in the hippocampus of urethane anesthetized rats. *Synapse*, **2007**, 61, 412-9	3.4	30
5	A brief, but repeated, swimming protocol is sufficient to overcome amyloid beta-protein inhibition of hippocampal long-term potentiation. *European Journal of Neuroscience*, **2007**, 26, 1289-98	3.5	8
4	The environment versus genetics in controlling the contribution of MAP kinases to synaptic plasticity. *Current Biology*, **2006**, 16, 2303-13	6.3	43
3	Distinct roles for Ras-guanine nucleotide-releasing factor 1 (Ras-GRF1) and Ras-GRF2 in the induction of long-term potentiation and long-term depression. *Journal of Neuroscience*, **2006**, 26, 1721-9	6.6	155
2	Atropine acts in both medial septum and hippocampus to suppress theta rhythm in urethane anesthetized rats. *FASEB Journal*, **2006**, 20, LB22	0.9	
1	GABAergic control of the ascending input from the median raphe nucleus to the limbic system. *Journal of Neurophysiology*, **2005**, 94, 2561-74	3.2	19