

Shaomin Li

List of Publications by Citations

Source: <https://exaly.com/author-pdf/2131917/shaomin-li-publications-by-citations.pdf>

Version: 2024-04-28

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

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	Amyloid-beta protein dimers isolated directly from Alzheimer's brains impair synaptic plasticity and memory. <i>Nature Medicine</i> , 2008 , 14, 837-42	50.5	2779
30	Soluble oligomers of amyloid Beta protein facilitate hippocampal long-term depression by disrupting neuronal glutamate uptake. <i>Neuron</i> , 2009 , 62, 788-801	13.9	698
29	Soluble A β oligomers inhibit long-term potentiation through a mechanism involving excessive activation of extrasynaptic NR2B-containing NMDA receptors. <i>Journal of Neuroscience</i> , 2011 , 31, 6627-38	6.6	446
28	Complement C3-Deficient Mice Fail to Display Age-Related Hippocampal Decline. <i>Journal of Neuroscience</i> , 2015 , 35, 13029-42	6.6	208
27	Large Soluble Oligomers of Amyloid β Protein from Alzheimer Brain Are Far Less Neuroactive Than the Smaller Oligomers to Which They Dissociate. <i>Journal of Neuroscience</i> , 2017 , 37, 152-163	6.6	185
26	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. <i>Journal of Neuroscience</i> , 2006 , 26, 1721-9	6.6	155
25	Environmental novelty activates β -adrenergic signaling to prevent the impairment of hippocampal LTP by A β oligomers. <i>Neuron</i> , 2013 , 77, 929-41	13.9	122
24	Soluble A β oligomers impair hippocampal LTP by disrupting glutamatergic/GABAergic balance. <i>Neurobiology of Disease</i> , 2016 , 85, 111-121	7.5	92
23	Human Brain-Derived A β Oligomers Bind to Synapses and Disrupt Synaptic Activity in a Manner That Requires APP. <i>Journal of Neuroscience</i> , 2017 , 37, 11947-11966	6.6	72
22	Secreted amyloid β proteins in a cell culture model include N-terminally extended peptides that impair synaptic plasticity. <i>Biochemistry</i> , 2014 , 53, 3908-21	3.2	71
21	MicroRNA-132 provides neuroprotection for tauopathies via multiple signaling pathways. <i>Acta Neuropathologica</i> , 2018 , 136, 537-555	14.3	70
20	A mechanistic hypothesis for the impairment of synaptic plasticity by soluble A β oligomers from Alzheimer's brain. <i>Journal of Neurochemistry</i> , 2020 , 154, 583-597	6	68
19	The environment versus genetics in controlling the contribution of MAP kinases to synaptic plasticity. <i>Current Biology</i> , 2006 , 16, 2303-13	6.3	43
18	The biomarkers of immune dysregulation and inflammation response in Parkinson disease. <i>Translational Neurodegeneration</i> , 2016 , 5, 16	10.3	34
17	Rapamycin upregulates glutamate transporter and IL-6 expression in astrocytes in a mouse model of Parkinson's disease. <i>Cell Death and Disease</i> , 2017 , 8, e2611	9.8	32
16	MicroRNA expressing profiles in A53T mutant alpha-synuclein transgenic mice and Parkinsonian. <i>Oncotarget</i> , 2017 , 8, 15-28	3.3	31
15	Iron promotes β -synuclein aggregation and transmission by inhibiting TFEB-mediated autophagosome-lysosome fusion. <i>Journal of Neurochemistry</i> , 2018 , 145, 34-50	6	30

14	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. <i>Synapse</i> , 2007 , 61, 412-9-4	3.4	30
13	Decoding the synaptic dysfunction of bioactive human AD brain soluble A β to inspire novel therapeutic avenues for Alzheimer's disease. <i>Acta Neuropathologica Communications</i> , 2018 , 6, 121	7.3	28
12	How do Soluble Oligomers of Amyloid beta-protein Impair Hippocampal Synaptic Plasticity?. <i>Frontiers in Cellular Neuroscience</i> , 2010 , 4, 5	6.1	27
11	Astrocytic glutamatergic transporters are involved in A β -induced synaptic dysfunction. <i>Brain Research</i> , 2018 , 1678, 129-137	3.7	21
10	GABAergic control of the ascending input from the median raphe nucleus to the limbic system. <i>Journal of Neurophysiology</i> , 2005 , 94, 2561-74	3.2	19
9	Environmental enrichment prevents A β oligomer-induced synaptic dysfunction through mirna-132 and hdac3 signaling pathways. <i>Neurobiology of Disease</i> , 2020 , 134, 104617	7.5	19
8	Enhancing Beta-Catenin Activity via GSK3beta Inhibition Protects PC12 Cells against Rotenone Toxicity through Nurr1 Induction. <i>PLoS ONE</i> , 2016 , 11, e0152931	3.7	18
7	Association of DYRK1A polymorphisms with sporadic Parkinson's disease in Chinese Han population. <i>Neuroscience Letters</i> , 2016 , 632, 39-43	3.3	13
6	Soluble A β Oligomers Impair Dipolar Heterodendritic Plasticity by Activation of mGluR in the Hippocampal CA1 Region. <i>iScience</i> , 2018 , 6, 138-150	6.1	10
5	A brief, but repeated, swimming protocol is sufficient to overcome amyloid beta-protein inhibition of hippocampal long-term potentiation. <i>European Journal of Neuroscience</i> , 2007 , 26, 1289-98	3.5	8
4	Verubecestat for Prodromal Alzheimer's Disease. <i>New England Journal of Medicine</i> , 2019 , 381, 388	59.2	6
3	Association of IGF1 gene polymorphism with Parkinson's disease in a Han Chinese population. <i>Journal of Gene Medicine</i> , 2017 , 19, e2949	3.5	5
2	Bioactive human Alzheimer brain soluble A β pathophysiology and therapeutic opportunities.. <i>Molecular Psychiatry</i> , 2022 ,	15.1	2
1	Atropine acts in both medial septum and hippocampus to suppress theta rhythm in urethane anesthetized rats. <i>FASEB Journal</i> , 2006 , 20, LB22	0.9	