

Sheng-Tian Li

List of Publications by Year in descending order

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48
papers

2,633
citations

236925

25
h-index

265206

42
g-index

48
all docs

48
docs citations

48
times ranked

3519
citing authors

#	ARTICLE	IF	CITATIONS
1	Oxytocin improves long-lasting spatial memory during motherhood through MAP kinase cascade. <i>Nature Neuroscience</i> , 2003, 6, 384-390.	14.8	345
2	A new cell-permeable peptide allows successful allogeneic islet transplantation in mice. <i>Nature Medicine</i> , 2004, 10, 305-309.	30.7	264
3	Critical Role of Calpain-mediated Cleavage of Calcineurin in Excitotoxic Neurodegeneration. <i>Journal of Biological Chemistry</i> , 2004, 279, 4929-4940.	3.4	208
4	Cdk5/p35 Regulates Neurotransmitter Release through Phosphorylation and Downregulation of P/Q-Type Voltage-Dependent Calcium Channel Activity. <i>Journal of Neuroscience</i> , 2002, 22, 2590-2597.	3.6	194
5	Cophosphorylation of amphiphysin I and dynamin I by Cdk5 regulates clathrin-mediated endocytosis of synaptic vesicles. <i>Journal of Cell Biology</i> , 2003, 163, 813-824.	5.2	182
6	Facilitation of NMDAR-Independent LTP and Spatial Learning in Mutant Mice Lacking Ryanodine Receptor Type 3. <i>Neuron</i> , 1999, 24, 701-713.	8.1	160
7	A High-Efficiency Protein Transduction System Demonstrating the Role of PKA in Long-Lasting Long-Term Potentiation. <i>Journal of Neuroscience</i> , 2001, 21, 6000-6007.	3.6	158
8	Gender-based differences in host behavior and gut microbiota composition in response to high fat diet and stress in a mouse model. <i>Scientific Reports</i> , 2017, 7, 10776.	3.3	112
9	Gut microbiota-derived propionate mediates the neuroprotective effect of osteocalcin in a mouse model of Parkinson's disease. <i>Microbiome</i> , 2021, 9, 34.	11.1	97
10	Antidepressant-Like Effect of Low-Intensity Transcranial Ultrasound Stimulation. <i>IEEE Transactions on Biomedical Engineering</i> , 2019, 66, 411-420.	4.2	68
11	Development of p53 protein transduction therapy using membrane-permeable peptides and the application to oral cancer cells. <i>Molecular Cancer Therapeutics</i> , 2002, 1, 1043-9.	4.1	66
12	Photo-acceleration of protein release from endosome in the protein transduction system. <i>FEBS Letters</i> , 2004, 572, 221-226.	2.8	64
13	HIV-1 inhibits long-term potentiation and attenuates spatial learning. <i>Annals of Neurology</i> , 2004, 55, 362-371.	5.3	54
14	Activation of extrasynaptic NMDA receptors induces LTD in rat hippocampal CA1 neurons. <i>Brain Research Bulletin</i> , 2013, 93, 10-16.	3.0	54
15	A Novel Drug Candidate for Alzheimer's Disease Treatment: gx-50 Derived from <i>Zanthoxylum Bungeanum</i> . <i>Journal of Alzheimer's Disease</i> , 2013, 34, 203-213.	2.6	52
16	Hippocampal endocannabinoids play an important role in induction of long-term potentiation and regulation of contextual fear memory formation. <i>Brain Research Bulletin</i> , 2011, 86, 139-145.	3.0	51
17	Phf8 histone demethylase deficiency causes cognitive impairments through the mTOR pathway. <i>Nature Communications</i> , 2018, 9, 114.	12.8	47
18	Roles for osteocalcin in brain signalling: implications in cognition- and motor-related disorders. <i>Molecular Brain</i> , 2019, 12, 23.	2.6	40

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19	Calcineurin Plays Different Roles in Group II Metabotropic Glutamate Receptor- and NMDA Receptor-Dependent Long-Term Depression. <i>Journal of Neuroscience</i> , 2002, 22, 5034-5041.	3.6	37
20	Inhibition of excitatory neuronal cell death by cell-permeable calcineurin autoinhibitory peptide. <i>Journal of Neurochemistry</i> , 2003, 87, 1145-1151.	3.9	33
21	Time-dependent changes in learning ability and induction of long-term potentiation in the lithium-pilocarpine-induced epileptic mouse model. <i>Epilepsy and Behavior</i> , 2010, 17, 448-454.	1.7	33
22	Poly-arginine-fused calpastatin peptide, a living cell membrane-permeable and specific inhibitor for calpain. <i>Neuroscience Research</i> , 2003, 47, 131-135.	1.9	31
23	Modulation of long-term potentiation induction in the hippocampus by N-methyl-d-aspartate-mediated presynaptic inhibition. <i>Neuroscience</i> , 1999, 92, 1261-1272.	2.3	30
24	Extrasynaptic NMDA receptor dependent long-term potentiation of hippocampal CA1 pyramidal neurons. <i>Scientific Reports</i> , 2017, 7, 3045.	3.3	28
25	Functional Roles of Synaptic and Extrasynaptic NMDA Receptors in Physiological and Pathological Neuronal Activities. <i>Current Drug Targets</i> , 2012, 13, 207-221.	2.1	26
26	Hippocampal synaptic metaplasticity requires the activation of NR2B-containing NMDA receptors. <i>Brain Research Bulletin</i> , 2011, 84, 137-143.	3.0	24
27	Osteocalcin Ameliorates Motor Dysfunction in a 6-Hydroxydopamine-Induced Parkinson's Disease Rat Model Through AKT/GSK3 β Signaling. <i>Frontiers in Molecular Neuroscience</i> , 2018, 11, 343.	2.9	24
28	Inhalation of Roman chamomile essential oil attenuates depressive-like behaviors in Wistar Kyoto rats. <i>Science China Life Sciences</i> , 2017, 60, 647-655.	4.9	20
29	The Effects of Early-Life Predator Stress on Anxiety- and Depression-Like Behaviors of Adult Rats. <i>Neural Plasticity</i> , 2014, 2014, 1-10.	2.2	19
30	Synaptic and Extrasynaptic Glutamate Signaling in Ischemic Stroke. <i>Current Medicinal Chemistry</i> , 2014, 21, 2043-2064.	2.4	18
31	FGF18 protects against 6-hydroxydopamine-induced nigrostriatal damage in a rat model of Parkinson's disease. <i>Neuroscience</i> , 2017, 356, 229-241.	2.3	12
32	Increased Src Family Kinase Activity Disrupts Excitatory Synaptic Transmission and Impairs Remote Fear Memory in Forebrain Shp2-Deficient Mice. <i>Molecular Neurobiology</i> , 2017, 54, 7235-7250.	4.0	12
33	Forebrain-specific constitutively active CaMKK α transgenic mice show deficits in hippocampus-dependent long-term memory. <i>Neurobiology of Learning and Memory</i> , 2011, 96, 238-247.	1.9	11
34	Nicotinamide adenine dinucleotide suppresses epileptogenesis at an early stage. <i>Scientific Reports</i> , 2017, 7, 7321.	3.3	11
35	EFFECTS OF ELECTROACUPUNCTURE ON DEPRESSION IN A RAT MODEL. <i>Acupuncture and Electro-Therapeutics Research</i> , 2011, 36, 259-273.	0.2	11
36	Dental noise exposed mice display depressive-like phenotypes. <i>Molecular Brain</i> , 2016, 9, 50.	2.6	10

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37	Protective effects of \hat{I}^2 -nicotinamide adenine dinucleotide against motor deficits and dopaminergic neuronal damage in a mouse model of Parkinson's disease. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2019, 94, 109670.	4.8	10
38	A new approach to inhibiting astrocytic IP3-induced intracellular calcium increase in an astrocyte-neuron co-culture system. <i>Brain Research</i> , 2005, 1055, 196-201.	2.2	7
39	Attenuated inhibition of medium spiny neurons participates in the pathogenesis of childhood depression. <i>Neural Regeneration Research</i> , 2014, 9, 1079.	3.0	4
40	High Ca^{2+} /low Mg^{2+} solution induces long-term depression in rat CA1 pyramidal neurons. <i>Neuroscience Letters</i> , 2000, 283, 141-144.	2.1	3
41	Quantitative Assessment of the Association between rs2046210 at 6q25.1 and Breast Cancer Risk. <i>PLoS ONE</i> , 2013, 8, e65206.	2.5	2
42	NAD ⁺ induces C6 glioma cell death by generating oxidative stress and increasing intracellular calcium concentrations. <i>FASEB Journal</i> , 2010, 24, lb470.	0.5	1
43	Neurological Disorders Related Neuronal Network Impairment: Function and Mechanism. <i>Neural Plasticity</i> , 2014, 2014, 1-2.	2.2	0
44	Kininogen Level in the Cerebrospinal Fluid May Be a Potential Biomarker for Predicting Epileptogenesis. <i>Frontiers in Neurology</i> , 2019, 10, 37.	2.4	0
45	Electroencephalogram Features of Anxiety Relieving During Music Listening. <i>Journal of Shanghai Jiaotong University (Science)</i> , 2021, 26, 55-62.	0.9	0
46	Kininogen Nitric Oxide Signaling at Nearby Nonexcited Acupoints after Long-Term Stimulation. <i>JID Innovations</i> , 2021, 1, 100038.	2.4	0
47	Effect of brain transfection of glial fibrillary acidic protein promoter-containing lentivirus on electroencephalogram activity in mice. <i>Academic Journal of Second Military Medical University</i> , 2015, 36, 1173.	0.0	0
48	Chronic \hat{I}^2 -Citronellol Inhalation Rescues Parvalbumin Expression Loss in Prefrontal Cortex of Chronic Restraint Stress Mice. <i>Journal of Shanghai Jiaotong University (Science)</i> , 0, , .	0.9	0