

# Qing-Song Liu

## List of Publications by Year in descending order

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46  
papers

2,831  
citations

218677

26  
h-index

233421

45  
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49  
all docs

49  
docs citations

49  
times ranked

3654  
citing authors

#	ARTICLE	IF	CITATIONS
1	Repeated cocaine exposure in vivo facilitates LTP induction in midbrain dopamine neurons. <i>Nature</i> , 2005, 437, 1027-1031.	27.8	524
2	Recruitment of Prefrontal Cortical Endocannabinoid Signaling by Glucocorticoids Contributes to Termination of the Stress Response. <i>Journal of Neuroscience</i> , 2011, 31, 10506-10515.	3.6	299
3	Blockade of 2-Arachidonoylglycerol Hydrolysis by Selective Monoacylglycerol Lipase Inhibitor 4-Nitrophenyl 4-(Dibenzo[1,3]dioxol-5-yl(hydroxy)methyl)piperidine-1-carboxylate (JZL184) Enhances Retrograde Endocannabinoid Signaling. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2009, 331, 591-597.	2.5	146
4	Endocannabinoid Signaling Mediates Cocaine-Induced Inhibitory Synaptic Plasticity in Midbrain Dopamine Neurons. <i>Journal of Neuroscience</i> , 2008, 28, 1385-1397.	3.6	129
5	Alterations of Endocannabinoid Signaling, Synaptic Plasticity, Learning, and Memory in Monoacylglycerol Lipase Knock-out Mice. <i>Journal of Neuroscience</i> , 2011, 31, 13420-13430.	3.6	129
6	Rapid and profound rewiring of brain lipid signaling networks by acute diacylglycerol lipase inhibition. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2016, 113, 26-33.	7.1	127
7	D <sup>2</sup> Dopamine Receptor Activation Facilitates Endocannabinoid-Mediated Long-Term Synaptic Depression of GABAergic Synaptic Transmission in Midbrain Dopamine Neurons via cAMP-Protein Kinase A Signaling. <i>Journal of Neuroscience</i> , 2008, 28, 14018-14030.	3.6	115
8	Monoacylglycerol Lipase Inhibition Blocks Chronic Stress-Induced Depressive-Like Behaviors via Activation of mTOR Signaling. <i>Neuropsychopharmacology</i> , 2014, 39, 1763-1776.	5.4	109
9	Deficiency in Endocannabinoid Signaling in the Nucleus Accumbens Induced by Chronic Unpredictable Stress. <i>Neuropsychopharmacology</i> , 2010, 35, 2249-2261.	5.4	102
10	Metabolic Interplay between Astrocytes and Neurons Regulates Endocannabinoid Action. <i>Cell Reports</i> , 2015, 12, 798-808.	6.4	84
11	Blockade of 2-Arachidonoylglycerol hydrolysis produces antidepressant-like effects and enhances adult hippocampal neurogenesis and synaptic plasticity. <i>Hippocampus</i> , 2015, 25, 16-26.	1.9	73
12	Endocannabinoid Signaling in the Etiology and Treatment of Major Depressive Illness. <i>Current Pharmaceutical Design</i> , 2014, 20, 3795-3811.	1.9	58
13	Extracellular Signal-Regulated Kinase Signaling in the Ventral Tegmental Area Mediates Cocaine-Induced Synaptic Plasticity and Rewarding Effects. <i>Journal of Neuroscience</i> , 2011, 31, 11244-11255.	3.6	56
14	HCN2 channels in the ventral tegmental area regulate behavioral responses to chronic stress. <i>ELife</i> , 2018, 7, .	6.0	55
15	Genetic deletion of monoacylglycerol lipase alters endocannabinoid-mediated retrograde synaptic depression in the cerebellum. <i>Journal of Physiology</i> , 2011, 589, 4847-4855.	2.9	54
16	Stress Promotes Drug Seeking Through Glucocorticoid-Dependent Endocannabinoid Mobilization in the Prelimbic Cortex. <i>Biological Psychiatry</i> , 2018, 84, 85-94.	1.3	48
17	Cyclin-Dependent Kinase 5 in the Ventral Tegmental Area Regulates Depression-Related Behaviors. <i>Journal of Neuroscience</i> , 2014, 34, 6352-6366.	3.6	46
18	Metabotropic Glutamate Receptor I (mGluR1) Antagonism Impairs Cocaine-Induced Conditioned Place Preference via Inhibition of Protein Synthesis. <i>Neuropsychopharmacology</i> , 2013, 38, 1308-1321.	5.4	45

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19	Reciprocal control of excitatory synapse numbers by Wnt and Wnt inhibitor PRR7 secreted on exosomes. <i>Nature Communications</i> , 2018, 9, 3434.	12.8	42
20	Melatonin protects against amyloid- $\beta^2$ -induced impairments of hippocampal LTP and spatial learning in rats. <i>Synapse</i> , 2013, 67, 626-636.	1.2	41
21	BDNF Interacts with Endocannabinoids to Regulate Cocaine-Induced Synaptic Plasticity in Mouse Midbrain Dopamine Neurons. <i>Journal of Neuroscience</i> , 2015, 35, 4469-4481.	3.6	40
22	Leptin attenuates the detrimental effects of $\beta^2$ -amyloid on spatial memory and hippocampal later-phase long term potentiation in rats. <i>Hormones and Behavior</i> , 2015, 73, 125-130.	2.1	36
23	Dynamic Characterization of Structural, Molecular, and Electrophysiological Phenotypes of Human-Induced Pluripotent Stem Cell-Derived Cerebral Organoids, and Comparison with Fetal and Adult Gene Profiles. <i>Cells</i> , 2020, 9, 1301.	4.1	35
24	Phosphodiesterase 4 Inhibition Impairs Cocaine-Induced Inhibitory Synaptic Plasticity and Conditioned Place Preference. <i>Neuropsychopharmacology</i> , 2012, 37, 2377-2387.	5.4	34
25	Full Fatty Acid Amide Hydrolase Inhibition Combined with Partial Monoacylglycerol Lipase Inhibition: Augmented and Sustained Antinociceptive Effects with Reduced Cannabimimetic Side Effects in Mice. <i>Journal of Pharmacology and Experimental Therapeutics</i> , 2015, 354, 111-120.	2.5	33
26	Sex, stress, and prefrontal cortex: influence of biological sex on stress-promoted cocaine seeking. <i>Neuropsychopharmacology</i> , 2020, 45, 1974-1985.	5.4	33
27	Treadmill Exercise Prevents Decline in Spatial Learning and Memory in 3 $\times$ Tg-AD Mice through Enhancement of Structural Synaptic Plasticity of the Hippocampus and Prefrontal Cortex. <i>Cells</i> , 2022, 11, 244.	4.1	30
28	CaMKII Activity in the Ventral Tegmental Area Gates Cocaine-Induced Synaptic Plasticity in the Nucleus Accumbens. <i>Neuropsychopharmacology</i> , 2014, 39, 989-999.	5.4	28
29	Role of endocannabinoid signaling in a septohabenular pathway in the regulation of anxiety- and depressive-like behavior. <i>Molecular Psychiatry</i> , 2021, 26, 3178-3191.	7.9	26
30	The Epac-Phospholipase C $\mu$ Pathway Regulates Endocannabinoid Signaling and Cocaine-Induced Disinhibition of Ventral Tegmental Area Dopamine Neurons. <i>Journal of Neuroscience</i> , 2017, 37, 3030-3044.	3.6	25
31	VTA mTOR Signaling Regulates Dopamine Dynamics, Cocaine-Induced Synaptic Alterations, and Reward. <i>Neuropsychopharmacology</i> , 2018, 43, 1066-1077.	5.4	24
32	Epac Signaling Is Required for Cocaine-Induced Change in AMPA Receptor Subunit Composition in the Ventral Tegmental Area. <i>Journal of Neuroscience</i> , 2016, 36, 4802-4815.	3.6	22
33	Phosphodiesterase 4 inhibitors and drugs of abuse: current knowledge and therapeutic opportunities. <i>Frontiers in Biology</i> , 2016, 11, 376-386.	0.7	21
34	S-SCAM, A Rare Copy Number Variation Gene, Induces Schizophrenia-Related Endophenotypes in Transgenic Mouse Model. <i>Journal of Neuroscience</i> , 2015, 35, 1892-1904.	3.6	19
35	Neuronal and Astrocytic Monoacylglycerol Lipase Limit the Spread of Endocannabinoid Signaling in the Cerebellum. <i>ENeuro</i> , 2016, 3, ENEURO.0048-16.2016.	1.9	19
36	Diacylglycerol Lipase-Alpha Regulates Hippocampal-Dependent Learning and Memory Processes in Mice. <i>Journal of Neuroscience</i> , 2019, 39, 5949-5965.	3.6	19

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37	T-Type Calcium Channels Contribute to Burst Firing in a Subpopulation of Medial Habenula Neurons. <i>ENeuro</i> , 2020, 7, ENEURO.0201-20.2020.	1.9	18
38	PDE4 Inhibition Restores the Balance Between Excitation and Inhibition in VTA Dopamine Neurons Disrupted by Repeated In Vivo Cocaine Exposure. <i>Neuropsychopharmacology</i> , 2017, 42, 1991-1999.	5.4	16
39	Coordinated regulation of endocannabinoid-mediated retrograde synaptic suppression in the cerebellum by neuronal and astrocytic monoacylglycerol lipase. <i>Scientific Reports</i> , 2016, 6, 35829.	3.3	15
40	Resveratrol modulates cocaine-induced inhibitory synaptic plasticity in VTA dopamine neurons by inhibiting phosphodiesterases (PDEs). <i>Scientific Reports</i> , 2017, 7, 15657.	3.3	15
41	The Neuroprotective Effects of the CB2 Agonist GW842166x in the 6-OHDA Mouse Model of Parkinson's Disease. <i>Cells</i> , 2021, 10, 3548.	4.1	15
42	Application of optogenetics and in vivo imaging approaches for elucidating the neurobiology of addiction. <i>Molecular Psychiatry</i> , 2022, 27, 640-651.	7.9	12
43	Ibudilast attenuates cocaine self-administration and prime- and cue-induced reinstatement of cocaine seeking in rats. <i>Neuropharmacology</i> , 2021, 201, 108830.	4.1	7
44	Serotonin in the Frontal Cortex: A Potential Therapeutic Target for Neurological Disorders. <i>Biochemistry &amp; Pharmacology: Open Access</i> , 2017, 06, .	0.2	5
45	Medical Marijuana-opportunities and Challenges. <i>Biochemistry &amp; Pharmacology: Open Access</i> , 2016, 5, .	0.2	1
46	The MSDB sends a GABAergic projection to cholinergic neurons in the ventral MHb. <i>Molecular Psychiatry</i> , 2021, 26, 2679-2679.	7.9	0