Liang Qiang

List of Publications by Year
in descending order

22 papers	1,320 citations	623734 14 h-index	713466 21 g-index
22 all docs	22 docs citations	22 times ranked	1666 citing authors

#	Article	IF	Citations
1	The Microtubule-severing Proteins Spastin and Katanin Participate Differently in the Formation of Axonal Branches. Molecular Biology of the Cell, 2008, 19, 1485-1498.	2.1	246
2	Tau Protects Microtubules in the Axon from Severing by Katanin. Journal of Neuroscience, 2006, 26, 3120-3129.	3.6	199
3	Tau Does Not Stabilize Axonal Microtubules but Rather Enables Them to Have Long Labile Domains. Current Biology, 2018, 28, 2181-2189.e4.	3.9	155
4	Microtubules cut and run. Trends in Cell Biology, 2005, 15, 518-524.	7.9	142
5	Regulation of Microtubule Severing by Katanin Subunits during Neuronal Development. Journal of Neuroscience, 2005, 25, 5573-5583.	3.6	97
6	Tau: Itâ€™s Not What You Think. Trends in Cell Biology, 2019, 29, 452-461.	7.9	79
7	Basic Fibroblast Growth Factor Elicits Formation of Interstitial Axonal Branches via Enhanced Severing of Microtubules. Molecular Biology of the Cell, 2010, 21, 334-344.	2.1	78
8	The Neuroplastic and Therapeutic Potential of Spinal Interneurons in the Injured Spinal Cord. Trends in Neurosciences, 2018, 41, 625-639.	8.6	64
9	Transplantation of Neural Progenitors and V2a Interneurons after Spinal Cord Injury. Journal of Neurotrauma, 2018, 35, 2883-2903.	3.4	58
10	Pharmacologically increasing microtubule acetylation corrects stressâ€exacerbated effects of organophosphates on neurons. Traffic, 2017, 18, 433-441.	2.7	34
11	Fidgetin regulates cultured astrocyte migration by severing tyrosinated microtubules at the leading edge. Molecular Biology of the Cell, 2017, 28, 545-553.	2.1	30
12	Mutant spastin proteins promote deficits in axonal transport through an isoform-specific mechanism involving casein kinase 2 activation. Human Molecular Genetics, 2017, 26, 2321-2334.	2.9	27
13	Hereditary spastic paraplegia: gain-of-function mechanisms revealed by new transgenic mouse. Human Molecular Genetics, 2019, 28, 1136-1152.	2.9	22
14	Depletion of kinesin-12, a myosin-IIB interacting protein, promotes migration of cortical astrocytes. Journal of Cell Science, 2016, 129, 2438-47.	2.0	19
15	New hypothesis for the etiology of <i>SPASTâ€</i>based hereditary spastic paraplegia. Cytoskeleton, 2019, 76, 289-297.	2.0	16
16	Clustered Regularly Interspaced Short Palindromic Repeats (CRISPR)/Cas9â€mediated <i>kif15</i> mutations accelerate axonal outgrowth during neuronal development and regeneration in zebrafish. Traffic, 2019, 20, 71-81.	2.7	15
17	A cellular approach to understanding and treating Gulf War Illness. Cellular and Molecular Life Sciences, 2021, 78, 6941-6961.	5.4	12
18	Reprogramming cells from Gulf War veterans into neurons to study Gulf War illness. Neurology, 2017, 88, 1968-1975.	1.1	11

#	Article	IF	Citations
19	Preparation of Neural Stem Cells and Progenitors: Neuronal Production and Grafting Applications. Methods in Molecular Biology, 2021, 2311, 73-108.	0.9	7
20	Therapeutic Strategies for Mutant SPAST-Based Hereditary Spastic Paraplegia. Brain Sciences, 2021, 11, 1081.	2.3	5
21	Modeling gain-of-function and loss-of-function components of<i>SPAST</i>-based hereditary spastic paraplegia using transgenic mice. Human Molecular Genetics, 2022, 31, 1844-1859.	2.9	4
22	Astrocyteâ€toâ€neuron reprogramming for spinal cord repair. FASEB Journal, 2022, 36, .	0.5	0