Yaobo Liu

List of Publications by Year
in descending order

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19 papers	742 citations	687363 13 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	1078 citing authors

#	Article	IF	Citations
1	Ryk-mediated Wnt repulsion regulates posterior-directed growth of corticospinal tract. Nature Neuroscience, 2005, 8, 1151-1159.	14.8	255
2	Repulsive Wnt Signaling Inhibits Axon Regeneration after CNS Injury. Journal of Neuroscience, 2008, 28, 8376-8382.	3.6	144
3	Cytoplasmic dynein: a key player in neurodegenerative and neurodevelopmental diseases. Science China Life Sciences, 2014, 57, 372-377.	4.9	37
4	Nectin-like molecule 1 is a protein 4.1N associated protein and recruits protein 4.1N from cytoplasm to the plasma membrane. Biochimica Et Biophysica Acta - Biomembranes, 2005, 1669, 142-154.	2.6	35
5	Alzheimerâ€™s disease: amyloid-based pathogenesis and potential therapies. Cell Stress, 2018, 2, 150-161.	3.2	27
6	Mstâ€1 deficiency promotes postâ€traumatic spinal motor neuron survival via enhancement of autophagy flux. Journal of Neurochemistry, 2017, 143, 244-256.	3.9	24
7	The Yin and Yang of Wnt/Ryk axon guidance in development and regeneration. Science China Life Sciences, 2014, 57, 366-371.	4.9	23
8	Loss of neural recognition molecule NBâ€3 delays the normal projection and terminal branching of developing corticospinal tract axons in the mouse. Journal of Comparative Neurology, 2012, 520, 1227-1245.	1.6	22
9	NBâ€3 signaling mediates the crossâ€talk between postâ€traumatic spinal axons and scarâ€forming cells. EMBO Journal, 2016, 35, 1745-1765.	7.8	21
10	cDNA cloning, chromosomal localization and expression pattern analysis of human LIM-homeobox gene LHX4. Brain Research, 2002, 928, 147-155.	2.2	19
11	Upregulation of Ryk expression in rat dorsal root ganglia after peripheral nerve injury. Brain Research Bulletin, 2008, 77, 178-184.	3.0	19
12	Shh signaling guides spatial pathfinding of raphespinal tract axons by multidirectional repulsion. Cell Research, 2012, 22, 697-716.	12.0	16
13	Ryk regulates Wnt5a repulsion of mouse corticospinal tract through modulating planar cell polarity signaling. Cell Discovery, 2017, 3, 17015.	6.7	11
14	Restoring Sensorimotor Function Through Neuromodulation After Spinal Cord Injury: Progress and Remaining Challenges. Frontiers in Neuroscience, 2021, 15, 749465.	2.8	11
15	Highly Sensitive Microstructure-Based Flexible Pressure Sensor for Quantitative Evaluation of Motor Function Recovery after Spinal Cord Injury. Sensors, 2019, 19, 4673.	3.8	10
16	LATS1 is a central signal transmitter for achieving full type-I interferon activity. Science Advances, 2022, 8, eabj3887.	10.3	7
17	High-Frequency Repetitive Transcranial Magnetic Stimulation Mediates Autophagy Flux in Human Bone Mesenchymal Stromal Cells via NMDA Receptorâ€“Ca2+â€“Extracellular Signal-Regulated Kinaseâ€“Mammalian Target of Rapamycin Signaling. Frontiers in Neuroscience, 2019, 13, 1225.	2.8	4
18	Sonic hedgehog regulates the pathfinding of descending serotonergic axons in hindbrain in collaboration with Wnt5a and secreted frizzledâ€related protein 1. International Journal of Developmental Neuroscience, 2018, 66, 24-32.	1.6	3

#	Article	IF	Citations
19	Induced NB-3 Limits Regenerative Potential of Serotonergic Axons after Complete Spinal Transection. Journal of Neurotrauma, 2019, 36, 436-447.	3.4	3