Hai-Tao Wu

List of Publications by Year
in descending order

51	2,523	279798 23	206112 48
papers	citations	h-index	g-index

58	58	58	3916
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Loss of O-GlcNAcylation on MeCP2 at Threonine 203 Leads to Neurodevelopmental Disorders. Neuroscience Bulletin, 2022, 38, 113-134.	2.9	3
2	Astrocytes in the Traumatic Brain Injury: the Good and the Bad. Experimental Neurology, 2022, 348, 113943.	4.1	13
3	Protocol for analysis of senescent neuronal stem cells in genetic-modified embryonic mice using in utero electroporation technique. STAR Protocols, 2022, 3, 101461.	1.2	0
4	Transferrin receptor 1 plays an important role in muscle development and denervation-induced muscular atrophy. Neural Regeneration Research, 2021, 16, 1308.	3.0	11
5	Miniature two-photon microscopy for enlarged field-of-view, multi-plane and long-term brain imaging. Nature Methods, 2021, 18, 46-49.	19.0	112
6	Ablation of Lrp4 in Schwann Cells Promotes Peripheral Nerve Regeneration in Mice. Biology, 2021, 10, 452.	2.8	4
7	Animal models of stress and stress-related neurocircuits: A comprehensive review. Stress and Brain, 2021, 1, 108-127.	0.7	11
8	Rack1 is essential for corticogenesis by preventing p21-dependent senescence in neural stem cells. Cell Reports, 2021, 36, 109639.	6.4	13
9	Disruption of rack1 suppresses SHHâ€type medulloblastoma formation in mice. CNS Neuroscience and Therapeutics, 2021, 27, 1518-1530.	3.9	3
10	Positive and neutral updating reconsolidate aversive episodic memories via different routes. Neurobiology of Learning and Memory, 2021, 184, 107500.	1.9	3
11	Loss of O-GlcNAc transferase in neural stem cells impairs corticogenesis. Biochemical and Biophysical Research Communications, 2020, 532, 541-547.	2.1	15
12	Opposite regulation of Wnt/Î²-catenin and Shh signaling pathways by Rack1 controls mammalian cerebellar development. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 4661-4670.	7.1	40
13	Rack1 Controls Parallel Fiberâ€“Purkinje Cell Synaptogenesis and Synaptic Transmission. Frontiers in Cellular Neuroscience, 2019, 13, 539.	3.7	9
14	Notch1 gain of function in skeletal muscles leads to neuromuscular junction formation defects and neonatal death. CNS Neuroscience and Therapeutics, 2018, 24, 456-459.	3.9	1
15	Alterations of White Matter Connectivity in Preschool Children with Autism Spectrum Disorder. Radiology, 2018, 288, 209-217.	7.3	35
16	Kainate receptor mediated presynaptic LTP in agranular insular cortex contributes to fear and anxiety in mice. Neuropharmacology, 2018, 128, 388-400.	4.1	9
17	The Mevalonate Pathway Is a Druggable Target for Vaccine Adjuvant Discovery. Cell, 2018, 175, 1059-1073.e21.	28.9	148
18	Cortical Inflammation is Increased in a DSS-Induced Colitis Mouse Model. Neuroscience Bulletin, 2018, 34, 1058-1066.	2.9	56

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19	Treatment of Human Glioblastoma with a Live Attenuated Zika Virus Vaccine Candidate. MBio, 2018, 9, .	4.1	74
20	Sarcoglycan Alpha Mitigates Neuromuscular Junction Decline in Aged Mice by Stabilizing LRP4. Journal of Neuroscience, 2018, 38, 8860-8873.	3.6	40
21	Rapid volumetric imaging with Bessel-Beam three-photon microscopy. Biomedical Optics Express, 2018, 9, 1992.	2.9	58
22	An Invasive Method for the Activation of the Mouse Dentate Gyrus by High-frequency Stimulation. Journal of Visualized Experiments, 2018, , .	0.3	2
23	Cpne5 is Involved in Regulating Rodent Anxiety Level. CNS Neuroscience and Therapeutics, 2017, 23, 266-268.	3.9	1
24	Notch1 deficiency in postnatal neural progenitor cells in the dentate gyrus leads to emotional and cognitive impairment. FASEB Journal, 2017, 31, 4347-4358.	0.5	12
25	Fast high-resolution miniature two-photon microscopy for brain imaging in freely behaving mice. Nature Methods, 2017, 14, 713-719.	19.0	382
26	Both Notch1 and its ligands in B cells promote antibody production. Molecular Immunology, 2017, 91, 17-23.	2.2	16
27	ApoE Influences the Blood-Brain Barrier Through the NF-Î¹B/MMP-9 Pathway After Traumatic Brain Injury. Scientific Reports, 2017, 7, 6649.	3.3	47
28	Fast High-resolution Miniature Two-photon Microscopy for Brain Imaging in Freely-behaving Mice at the Single-spine Level. , 2017, , .		1
29	Crosstalk between Activated Microglia and Neurons in the Spinal Dorsal Horn Contributes to Stress-induced Hyperalgesia. Scientific Reports, 2016, 6, 39442.	3.3	28
30	Enzymatic Activity of the Scaffold Protein Rapsyn for Synapse Formation. Neuron, 2016, 92, 1007-1019.	8.1	57
31	Lrp4 in astrocytes modulates glutamatergic transmission. Nature Neuroscience, 2016, 19, 1010-1018.	14.8	91
32	Lrp4 in osteoblasts suppresses bone formation and promotes osteoclastogenesis and bone resorption. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 3487-3492.	7.1	76
33	Slit2 as a Î²-catenin/Ctnnb1-dependent retrograde signal for presynaptic differentiation. ELife, 2015, 4, .	6.0	50
34	Antibodies against low-density lipoprotein receptorâ€“related protein 4 induce myasthenia gravis. Journal of Clinical Investigation, 2013, 123, 5190-5202.	8.2	164
35	Morphological Analysis of Neuromuscular Junctions by Immunofluorescent Staining of Whole-Mount Mouse Diaphragms. Methods in Molecular Biology, 2013, 1018, 277-285.	0.9	9
36	Î²-Catenin gain of function in muscles impairs neuromuscular junction formation. Development (Cambridge), 2012, 139, 2392-2404.	2.5	45

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37	Î²-Catenin gain of function in muscles impairs neuromuscular junction formation. Development (Cambridge), 2012, 139, 2636-2636.	2.5	2
38	Distinct Roles of Muscle and Motoneuron LRP4 in Neuromuscular Junction Formation. Neuron, 2012, 75, 94-107.	8.1	141
39	To build a synapse: signaling pathways in neuromuscular junction assembly. Development (Cambridge), 2010, 137, 1017-1033.	2.5	442
40	Expression and Functional Roles of Smad1 and BMPR-IB in Glioma Development. Cancer Investigation, 2009, 27, 734-740.	1.3	12
41	Identification of BLyS (B Lymphocyte Stimulator), a Non-Myelin-Associated Protein, as a Functional Ligand for Nogo-66 Receptor. Journal of Neuroscience, 2009, 29, 6348-6352.	3.6	77
42	Quinacrine protects neuronal cells against heatâ€induced injury. Cell Biology International, 2009, 33, 874-881.	3.0	5
43	DIXDC1 Promotes Retinoic Acid-Induced Neuronal Differentiation and Inhibits Gliogenesis in P19 Cells. Cellular and Molecular Neurobiology, 2009, 29, 55-67.	3.3	15
44	Sema4C Expression in Neural Stem/Progenitor Cells and in Adult Neurogenesis Induced by Cerebral Ischemia. Journal of Molecular Neuroscience, 2009, 39, 27-39.	2.3	20
45	SMAD1 inactivation caused by decreased expression of bone morphogenetic protein receptor ib contributes to glioma aggravation. Cell Biology International, 2008, 32, S32-S32.	3.0	0
46	Effects of Interleukin-6, Leukemia Inhibitory Factor, and Ciliary Neurotrophic Factor on the Proliferation and Differentiation of Adult Human Myoblasts. Cellular and Molecular Neurobiology, 2008, 28, 113-124.	3.3	42
47	The Role of Hypoxia in the Differentiation of P19 Embryonal Carcinoma Cells into Dopaminergic Neurons. Neurochemical Research, 2008, 33, 2118-2125.	3.3	8
48	Localization and cellular distribution of CPNE5 in embryonic mouse brain. Brain Research, 2008, 1224, 20-28.	2.2	17
49	Sema4C participates in myogenic differentiation in vivo and in vitro through the p38 MAPK pathway. European Journal of Cell Biology, 2007, 86, 331-344.	3.6	33
50	Dedifferentiation of Adult Human Myoblasts Induced by Ciliary Neurotrophic Factor In Vitro. Molecular Biology of the Cell, 2005, 16, 3140-3151.	2.1	60
51	Rack1 is Essential for Corticogenesis by Preventing P21-Dependent Senescence in Neural Stem Cells. SSRN Electronic Journal, 0, , .	0.4	0