Yongfu Wang

List of Publications by Year
in descending order

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Version: 2024-02-01

41	2,131	236833	289141
papers	citations	25 h-index	40 g-index

45	45	45	3249
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Prospectively Isolated Tetraspanin+ Neoblasts Are Adult Pluripotent Stem Cells Underlying Planaria Regeneration. Cell, 2018, 173, 1593-1608.e20.	13.5	213
2	Suppression of m6A reader Ythdf2 promotes hematopoietic stem cell expansion. Cell Research, 2018, 28, 904-917.	5.7	203
3	Inhibition of ERK-DLP1 signaling and mitochondrial division alleviates mitochondrial dysfunction in Alzheimer's disease cybrid cell. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2014, 1842, 220-231.	1.8	151
4	Changes in regeneration-responsive enhancers shape regenerative capacities in vertebrates. Science, 2020, 369, .	6.0	147
5	Drp1-Mediated Mitochondrial Abnormalities Link to Synaptic Injury in Diabetes Model. Diabetes, 2015, 64, 1728-1742.	0.3	121
6	Superresolution expansion microscopy reveals the three-dimensional organization of the Drosophila synaptonemal complex. Proceedings of the National Academy of Sciences of the United States of America, 2017, 114, E6857-E6866.	3.3	121
7	CRISPR mutagenesis confirms the role of oca2 in melanin pigmentation in Astyanax mexicanus. Developmental Biology, 2018, 441, 313-318.	0.9	90
8	The in vivo synaptic plasticity mechanism of EGb 761-induced enhancement of spatial learning and memory in aged rats. British Journal of Pharmacology, 2006, 148, 147-153.	2.7	89
9	Neuronal Gap Junction Coupling Is Regulated by Glutamate and Plays Critical Role in Cell Death during Neuronal Injury. Journal of Neuroscience, 2012, 32, 713-725.	1.7	75
10	Stress Enables Synaptic Depression in CA1 Synapses by Acute and Chronic Morphine: Possible Mechanisms for Corticosterone on Opiate Addiction. Journal of Neuroscience, 2004, 24, 2412-2420.	1.7	73
11	Transgenic Expression ofGlud1(Glutamate Dehydrogenase 1) in Neurons:In VivoModel of Enhanced Glutamate Release, Altered Synaptic Plasticity, and Selective Neuronal Vulnerability. Journal of Neuroscience, 2009, 29, 13929-13944.	1.7	72
12	Increased neuronal PreP activity reduces AÎ² accumulation, attenuates neuroinflammation and improves mitochondrial and synaptic function in Alzheimer disease's mouse model. Human Molecular Genetics, 2015, 24, 5198-5210.	1.4	70
13	Combined expansion microscopy with structured illumination microscopy for analyzing protein complexes. Nature Protocols, 2018, 13, 1869-1895.	5.5	68
14	Neuronal Gap Junctions Are Required for NMDA Receptorâ€“Mediated Excitotoxicity: Implications in Ischemic Stroke. Journal of Neurophysiology, 2010, 104, 3551-3556.	0.9	58
15	Interplay of Chemical Neurotransmitters Regulates Developmental Increase in Electrical Synapses. Journal of Neuroscience, 2011, 31, 5909-5920.	1.7	48
16	Adaptation to low parasite abundance affects immune investment and immunopathological responses of cavefish. Nature Ecology and Evolution, 2020, 4, 1416-1430.	3.4	46
17	The effect of acute stress on LTP and LTD induction in the hippocampal CA1 region of anesthetized rats at three different ages. Brain Research, 2004, 1005, 187-192.	1.1	43
18	F1F0 ATP Synthaseâ€“Cyclophilin D Interaction Contributes to Diabetes-Induced Synaptic Dysfunction and Cognitive Decline. Diabetes, 2016, 65, 3482-3494.	0.3	41

#	Article	IF	Citations
19	Overexpression of endophilin A1 exacerbates synaptic alterations in a mouse model of Alzheimerâ€™s disease. Nature Communications, 2018, 9, 2968.	5.8	37
20	An Adult Brain Atlas Reveals Broad Neuroanatomical Changes in Independently Evolved Populations of Mexican Cavefish. Frontiers in Neuroanatomy, 2019, 13, 88.	0.9	36
21	Deletion of neuronal gap junction protein connexin 36 impairs hippocampal LTP. Neuroscience Letters, 2011, 502, 30-32.	1.0	35
22	Tumor-initiating stem cell shapes its microenvironment into an immunosuppressive barrier and pro-tumorigenic niche. Cell Reports, 2021, 36, 109674.	2.9	33
23	Neuronal Glud1 (glutamate dehydrogenase 1) over-expressing mice: Increased glutamate formation and synaptic release, loss of synaptic activity, and adaptive changes in genomic expression. Neurochemistry International, 2011, 59, 473-481.	1.9	31
24	Synergistic Exacerbation of Mitochondrial and Synaptic Dysfunction and Resultant Learning and Memory Deficit in a Mouse Model of Diabetic Alzheimer's Disease. Journal of Alzheimer's Disease, 2014, 43, 451-463.	1.2	30
25	Neuronal gap junctions play a role in the secondary neuronal death following controlled cortical impact. Neuroscience Letters, 2012, 524, 16-19.	1.0	29
26	Genetic deficiency of neuronal RAGE protects against AGE-induced synaptic injury. Cell Death and Disease, 2014, 5, e1288-e1288.	2.7	27
27	Enhanced lipogenesis through PparÎ³ helps cavefish adapt to food scarcity. Current Biology, 2022, 32, 2272-2280.e6.	1.8	23
28	Overexpression of 17Î²-hydroxysteroid dehydrogenase type 10 increases pheochromocytoma cell growth and resistance to cell death. BMC Cancer, 2015, 15, 166.	1.1	19
29	Regulation of connexin 36 expression during development. Neuroscience Letters, 2012, 513, 17-19.	1.0	12
30	Alkaline phosphatase-based chromogenic and fluorescence detection method for BaseScopeâ„¢ In Situ hybridization. Journal of Histotechnology, 2019, 42, 193-201.	0.2	11
31	NOTCH Signaling Controls Ciliary Body Morphogenesis and Secretion by Directly Regulating Nectin Protein Expression. Cell Reports, 2021, 34, 108603.	2.9	11
32	Comparison of bleaching protocols utilizing hematoxylin and eosin stain and immunohistochemical proliferation marker MCM3 in pigmented melanomas. Journal of Histotechnology, 2019, 42, 177-182.	0.2	10
33	NR2B-dependent cyclophilin D translocation suppresses the recovery of synaptic transmission after oxygenâ€“glucose deprivation. Biochimica Et Biophysica Acta - Molecular Basis of Disease, 2015, 1852, 2225-2234.	1.8	9
34	Dopamine D1 receptors are responsible for stress-induced emotional memory deficit in mice. Stress, 2012, 15, 237-242.	0.8	8
35	Liver-derived cell lines from cavefish Astyanax mexicanus as an in vitro model for studying metabolic adaptation. Scientific Reports, 2022, 12, .	1.6	8
36	Step-by-step preparation of mouse eye sections for routine histology, immunofluorescence, and RNA in situ hybridization multiplexing. STAR Protocols, 2021, 2, 100879.	0.5	6

#	Article	IF	Citations
37	Aniracetam attenuates H2O2-induced deficiency of neuron viability, mitochondria potential and hippocampal long-term potentiation of mice in vitro. Neuroscience Bulletin, 2006, 22, 274-80.	1.5	5
38	Robust and sensitive in situ RNA detection using Yn-situ. Cell Reports Methods, 2022, 2, 100201.	1.4	3
39	A review on histotechnology practices in COVID-19 pathology investigations. Journal of Histotechnology, 2020, 43, 153-158.	0.2	2
40	Seeing the future of histotechnology through its history. Journal of Histotechnology, 2018, 41, 135-136.	0.2	0
41	Continuing the advancement of Journal of Histotechnology - one issue at a time. Journal of Histotechnology, 2019, 42, 165-166.	0.2	0