

Huiliang Li

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

3,447
citations

516710

16
h-index

713466

21
g-index

22
all docs

22
docs citations

22
times ranked

5485
citing authors

#	ARTICLE	IF	CITATIONS
1	Motor skill learning requires active central myelination. <i>Science</i> , 2014, 346, 318-322.	12.6	936
2	Oligodendrocyte heterogeneity in the mouse juvenile and adult central nervous system. <i>Science</i> , 2016, 352, 1326-1329.	12.6	817
3	Regional Astrocyte Allocation Regulates CNS Synaptogenesis and Repair. <i>Science</i> , 2012, 337, 358-362.	12.6	448
4	Rapid production of new oligodendrocytes is required in the earliest stages of motor-skill learning. <i>Nature Neuroscience</i> , 2016, 19, 1210-1217.	14.8	377
5	Properties and Fate of Oligodendrocyte Progenitor Cells in the Corpus Callosum, Motor Cortex, and Piriform Cortex of the Mouse. <i>Journal of Neuroscience</i> , 2012, 32, 8173-8185.	3.6	166
6	Olig1 and Sox10 Interact Synergistically to Drive Myelin Basic Protein Transcription in Oligodendrocytes. <i>Journal of Neuroscience</i> , 2007, 27, 14375-14382.	3.6	156
7	Phosphorylation Regulates OLIG2 Cofactor Choice and the Motor Neuron-Oligodendrocyte Fate Switch. <i>Neuron</i> , 2011, 69, 918-929.	8.1	115
8	Two-tier transcriptional control of oligodendrocyte differentiation. <i>Current Opinion in Neurobiology</i> , 2009, 19, 479-485.	4.2	83
9	A screen for mutations in zebrafish that affect myelin gene expression in Schwann cells and oligodendrocytes. <i>Developmental Biology</i> , 2006, 297, 1-13.	2.0	51
10	Protection of Fecal Microbiota Transplantation in a Mouse Model of Multiple Sclerosis. <i>Mediators of Inflammation</i> , 2020, 2020, 1-13.	3.0	50
11	Evolution of the CNS myelin gene regulatory program. <i>Brain Research</i> , 2016, 1641, 111-121.	2.2	41
12	G protein-coupled receptor 37-like 1 modulates astrocyte glutamate transporters and neuronal NMDA receptors and is neuroprotective in ischemia. <i>Glia</i> , 2018, 66, 47-61.	4.9	41
13	The evolution of Olig genes and their roles in myelination. <i>Neuron Glia Biology</i> , 2008, 4, 129-135.	1.6	31
14	Genetics meets epigenetics: HDACs and Wnt signaling in myelin development and regeneration. <i>Nature Neuroscience</i> , 2009, 12, 815-817.	14.8	30
15	Generation of Chicken IgY against SARS-COV-2 Spike Protein and Epitope Mapping. <i>Journal of Immunology Research</i> , 2020, 2020, 1-8.	2.2	26
16	New Olig1null mice confirm a non-essential role for Olig1 in oligodendrocyte development. <i>BMC Neuroscience</i> , 2014, 15, 12.	1.9	23
17	Characterization of a long noncoding RNA <i>Pcdh17it</i> as a novel marker for immature premyelinating oligodendrocytes. <i>Glia</i> , 2019, 67, 2166-2177.	4.9	21
18	Crystal structure of the DNA-binding domain of Myelin-gene Regulatory Factor. <i>Scientific Reports</i> , 2017, 7, 3696.	3.3	12

#	ARTICLE	IF	CITATIONS
19	Combining Double Fluorescence In Situ Hybridization with Immunolabelling for Detection of the Expression of Three Genes in Mouse Brain Sections. Journal of Visualized Experiments, 2016, , e53976.	0.3	10
20	Structural and Lipidomic Alterations of Striatal Myelin in 16p11.2 Deletion Mouse Model of Autism Spectrum Disorder. Frontiers in Cellular Neuroscience, 2021, 15, 718720.	3.7	6
21	G proteinâ€coupled receptor GPR37â€like 1 regulates adult oligodendrocyte generation. Developmental Neurobiology, 2021, 81, 975-984.	3.0	5
22	Salmon Calcitonin Exerts an Antidepressant Effect by Activating Amylin Receptors. Frontiers in Pharmacology, 2022, 13, 826055.	3.5	2