Jeffrey K Huang

List of Publications by Year
in descending order

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43 papers	2,864 citations	304743 22 h-index	302126 39 g-index
43 all docs	43 docs citations	43 times ranked	4087 citing authors

#	Article	IF	Citations
1	The Cellular Senescence Factor Extracellular HMGB1 Directly Inhibits Oligodendrocyte Progenitor Cell Differentiation and Impairs CNS Remyelination. Frontiers in Cellular Neuroscience, 2022, 16, 833186.	3.7	7
2	Morphological Studies of the Left Ventricle in the Creatine Deficiency Mice Model. FASEB Journal, 2022, 36, .	0.5	0
3	Acute motor deficit and subsequent remyelinationâ€associated recovery following internal capsule demyelination in mice. Journal of Neurochemistry, 2021, 156, 917-928.	3.9	14
4	86583 The role of creatine in developmental myelination and remyelination. Journal of Clinical and Translational Science, 2021, 5, 99-99.	0.6	1
5	Macroscopic detection of demyelinated lesions in mouse PNS with neutral red dye. Scientific Reports, 2021, 11, 16906.	3.3	6
6	Giant ankyrin-B mediates transduction of axon guidance and collateral branch pruning factor sema 3A. ELife, 2021, 10, .	6.0	15
7	4492 The role of creatine in developmental myelination and remyelination. Journal of Clinical and Translational Science, 2020, 4, 103-103.	0.6	0
8	Extrinsic Factors Driving Oligodendrocyte Lineage Cell Progression in CNS Development and Injury. Neurochemical Research, 2020, 45, 630-642.	3.3	23
9	Retinoic Acid Is Required for Oligodendrocyte Precursor Cell Production and Differentiation in the Postnatal Mouse Corpus Callosum. ENeuro, 2020, 7, ENEURO.0270-19.2019.	1.9	11
10	Oligodendrocyte Bioenergetics in Health and Disease. Neuroscientist, 2019, 25, 334-343.	3.5	72
11	Tracking the evolution of CNS remyelinating lesion in mice with neutral red dye. Proceedings of the National Academy of Sciences of the United States of America, 2019, 116, 14290-14299.	7.1	22
12	Remyelination Pharmacotherapy Investigations Highlight Diverse Mechanisms Underlying Multiple Sclerosis Progression. ACS Pharmacology and Translational Science, 2019, 2, 372-386.	4.9	28
13	Creatine Enhances Mitochondrial-Mediated Oligodendrocyte Survival After Demyelinating Injury. Journal of Neuroscience, 2017, 37, 1479-1492.	3.6	37
14	2109. Journal of Clinical and Translational Science, 2017, 1, 1-1.	0.6	0
15	Neural Stem and Progenitor Cells in Nervous System Function and Therapy. Stem Cells International, 2016, 2016, 1-2.	2.5	13
16	Surface Assembly Configurations and Packing Preferences of Fibrinogen Mediated by the Periodicity and Alignment Control of Block Copolymer Nanodomains. ACS Nano, 2016, 10, 7705-7720.	14.6	16
17	Oligodendrocytes in health and disease. Neuropharmacology, 2016, 110, 537-538.	4.1	2
18	IL4I1 augments CNS remyelination and axonal protection by modulating T cell driven inflammation. Brain, 2016, 139, 3121-3136.	7.6	56

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19	Oligodendrocyte regeneration: Its significance in myelin replacement and neuroprotection in multiple sclerosis. Neuropharmacology, 2016, 110, 633-643.	4.1	66
20	Vitamin D receptorâ€"retinoid X receptor heterodimer signaling regulates oligodendrocyte progenitor cell differentiation. Journal of Cell Biology, 2015, 211, 975-985.	5.2	118
21	Demyelination Causes Adult CNS Progenitors to Revert to an Immature State and Express Immune Cues That Support Their Migration. Journal of Neuroscience, 2015, 35, 4-20.	3.6	218
22	Vitamin D receptorâ€"retinoid X receptor heterodimer signaling regulates oligodendrocyte progenitor cell differentiation. Journal of Experimental Medicine, 2015, 212, 21213OIA113.	8.5	0
23	Metabolism and mis-metabolism of the neuropathological signature protein TDP-43. Journal of Cell Science, 2014, 127, 3024-38.	2.0	78
24	Peroxisome proliferatorâ€activated receptor gammaâ€coactivatorâ€1 alpha coordinates sphingolipid metabolism, lipid raft composition and myelin protein synthesis. European Journal of Neuroscience, 2013, 38, 2672-2683.	2.6	19
25	Inhibition of phosphodiesteraseâ€4 promotes oligodendrocyte precursor cell differentiation and enhances <scp>CNS</scp> remyelination. EMBO Molecular Medicine, 2013, 5, 1918-1934.	6.9	44
26	Anti-inflammatory Disease Therapies. Toxicologic Pathology, 2012, 40, 122-125.	1.8	1
27	Accelerated Axonal Loss Following Acute CNS Demyelination in Mice Lacking Protein Tyrosine Phosphatase Receptor Type Z. American Journal of Pathology, 2012, 181, 1518-1523.	3.8	17
28	Current status of myelin replacement therapies in multiple sclerosis. Progress in Brain Research, 2012, 201, 219-231.	1.4	22
29	Retinoid X receptors as a potential avenue for regenerative medicine in multiple sclerosis. Expert Review of Neurotherapeutics, 2011, 11, 467-468.	2.8	10
30	Regenerative medicine in multiple sclerosis: Identifying pharmacological targets of adult neural stem cell differentiation. Neurochemistry International, 2011, 59, 329-32.	3.8	38
31	Retinoid X receptor gamma signaling accelerates CNS remyelination. Nature Neuroscience, 2011, 14, 45-53.	14.8	449
32	Myelin Regeneration in Multiple Sclerosis: Targeting Endogenous Stem Cells. Neurotherapeutics, 2011, 8, 650-658.	4.4	47
33	A proteome map of axoglial specializations isolated and purified from human central nervous system. Glia, 2010, 58, 1949-1960.	4.9	46
34	Overcoming remyelination failure in multiple sclerosis and other myelin disorders. Experimental Neurology, 2010, 225, 18-23.	4.1	161
35	Disposition of axonal caspr with respect to glial cell membranes: Implications for the process of myelination. Journal of Neuroscience Research, 2009, 87, 3480-3491.	2.9	45
36	BDNF promotes target innervation of Xenopus mandibular trigeminal axons in vivo. BMC Developmental Biology, 2007, 7, 59.	2.1	26

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37	Glial Membranes at the Node of Ranvier Prevent Neurite Outgrowth. Science, 2005, 310, 1813-1817.	12.6	147
38	Organizing Principles of the Axoglial Apparatus. Neuron, 2001, 30, 335-344.	8.1	167
39	The Presynaptic Particle Web. Neuron, 2001, 32, 63-77.	8.1	428
40	An Oligodendrocyte Cell Adhesion Molecule at the Site of Assembly of the Paranodal Axo-Glial Junction. Journal of Cell Biology, 2000, 150, 657-666.	5.2	280
41	Messenger RNAs for Kinesins and Dynein are Located in Neural Processes. Biological Bulletin, 1999, 197, 259-260.	1.8	5
42	WT1, the Wilms' tumor suppressor gene product, represses transcription through an interactive nuclear protein. Oncogene, 1995, 10, 1243-7.	5.9	46
43	Products of alternatively spliced transcripts of the Wilms' tumor suppressor gene, wt1, have altered DNA binding specificity and regulate transcription in different ways. Oncogene, 1995, 10, 415-22.	5.9	63