Wensheng Lin

List of Publications by Year
in descending order

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39 papers	2,235 citations	304743 22 h-index	330143 37 g-index
39 all docs	39 docs citations	39 times ranked	2987 citing authors

#	Article	IF	Citations
1	Detection of PERK Signaling in the Central Nervous System. Methods in Molecular Biology, 2022, 2378, 233-245.	0.9	0
2	Endoplasmic reticulum associated degradation is required for maintaining endoplasmic reticulum homeostasis and viability of mature <scp>Schwann</scp> cells in adults. Glia, 2021, 69, 489-506.	4.9	8
3	NF-ÎºB Activation Accounts for the Cytoprotective Effects of PERK Activation on Oligodendrocytes during EAE. Journal of Neuroscience, 2020, 40, 6444-6456.	3.6	18
4	The Integrated UPR and ERAD in Oligodendrocytes Maintain Myelin Thickness in Adults by Regulating Myelin Protein Translation. Journal of Neuroscience, 2020, 40, 8214-8232.	3.6	17
5	The UPR preserves mature oligodendrocyte viability and function in adults by regulating autophagy of PLP. JCI Insight, 2020, 5, .	5.0	12
6	Unfolded protein response in myelin disorders. Neural Regeneration Research, 2020, 15, 636.	3.0	31
7	Oligodendrocyte-specific ATF4 inactivation does not influence the development of EAE. Journal of Neuroinflammation, 2019, 16, 23.	7.2	21
8	Sephin1, which prolongs the integrated stress response, is a promising therapeutic for multiple sclerosis. Brain, 2019, 142, 344-361.	7.6	55
9	Neuron-specific PERK inactivation exacerbates neurodegeneration during experimental autoimmune encephalomyelitis. JCI Insight, 2019, 4, .	5.0	16
10	Activating transcription factor 6Î± deficiency exacerbates oligodendrocyte death and myelin damage in immuneâ€mediated demyelinating diseases. Glia, 2018, 66, 1331-1345.	4.9	22
11	Role of nuclear factor ÎºB in multiple sclerosis and experimental autoimmune encephalomyelitis. Neural Regeneration Research, 2018, 13, 1507.	3.0	55
12	NF-ÎºB Activation Protects Oligodendrocytes against Inflammation. Journal of Neuroscience, 2017, 37, 9332-9344.	3.6	43
13	Neuroprotective effects of vascular endothelial growth factor A in the experimental autoimmune encephalomyelitis model of multiple sclerosis. Neural Regeneration Research, 2017, 12, 70.	3.0	9
14	Dual role of the integrated stress response in medulloblastoma tumorigenesis. Oncotarget, 2016, 7, 64124-64135.	1.8	15
15	Immunoregulatory Protein B7-H3 Reprograms Glucose Metabolism in Cancer Cells by ROS-Mediated Stabilization of HIF1Î±. Cancer Research, 2016, 76, 2231-2242.	0.9	107
16	Regulation of PERKâ€“eIF2Î± signalling by tuberous sclerosis complex-1 controls homoeostasis and survival of myelinating oligodendrocytes. Nature Communications, 2016, 7, 12185.	12.8	47
17	PERK Activation Promotes Medulloblastoma Tumorigenesis by Attenuating Premalignant Granule Cell Precursor Apoptosis. American Journal of Pathology, 2016, 186, 1939-1951.	3.8	16
18	Inhibition of Vascular Endothelial Growth Factor Receptor 2 Exacerbates Loss of Lower Motor Neurons and Axons during Experimental Autoimmune Encephalomyelitis. PLoS ONE, 2016, 11, e0160158.	2.5	16

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19	The unfolded protein response in multiple sclerosis. Frontiers in Neuroscience, 2015, 9, 264.	2.8	81
20	Pancreatic Endoplasmic Reticulum Kinase Activation Promotes Medulloblastoma Cell Migration and Invasion through Induction of Vascular Endothelial Growth Factor A. PLoS ONE, 2015, 10, e0120252.	2.5	29
21	Impaired eIF2B activity in ligodendrocytes contributes to VWMD pathogenesis. Neural Regeneration Research, 2015, 10, 195.	3.0	6
22	Impaired Eukaryotic Translation Initiation Factor 2B Activity Specifically in Oligodendrocytes Reproduces the Pathology of Vanishing White Matter Disease in Mice. Journal of Neuroscience, 2014, 34, 12182-12191.	3.6	44
23	PERK Activation Preserves the Viability and Function of Remyelinating Oligodendrocytes in Immune-Mediated Demyelinating Diseases. American Journal of Pathology, 2014, 184, 507-519.	3.8	40
24	Oligodendrocyte-Specific Activation of PERK Signaling Protects Mice against Experimental Autoimmune Encephalomyelitis. Journal of Neuroscience, 2013, 33, 5980-5991.	3.6	91
25	Interferon-Î³ Activates Nuclear Factor-Î² B in Oligodendrocytes through a Process Mediated by the Unfolded Protein Response. PLoS ONE, 2012, 7, e36408.	2.5	45
26	A deregulated integrated stress response promotes interferonâ€Î³â€induced medulloblastoma. Journal of Neuroscience Research, 2011, 89, 1586-1595.	2.9	22
27	Overcoming Trastuzumab Resistance in Breast Cancer by Targeting Dysregulated Glucose Metabolism. Cancer Research, 2011, 71, 4585-4597.	0.9	230
28	Interferonâ€Î³ inhibits central nervous system myelination through both STAT1â€dependent and STAT1â€independent pathways. Journal of Neuroscience Research, 2010, 88, 2569-2577.	2.9	36
29	ZFP191 is required by oligodendrocytes for CNS myelination. Genes and Development, 2010, 24, 301-311.	5.9	71
30	Endoplasmic reticulum stress in disorders of myelinating cells. Nature Neuroscience, 2009, 12, 379-385.	14.8	226
31	Enhanced Integrated Stress Response Promotes Myelinating Oligodendrocyte Survival in Response to Interferon-Î³. American Journal of Pathology, 2008, 173, 1508-1517.	3.8	91
32	A Subgenomic Segment of Theiler's Murine Encephalomyelitis Virus RNA Causes Demyelination. Journal of Virology, 2008, 82, 5879-5886.	3.4	6
33	The integrated stress response prevents demyelination by protecting oligodendrocytes against immune-mediated damage. Journal of Clinical Investigation, 2007, 117, 448-456.	8.2	166
34	Interferon-Î³ inhibits central nervous system remyelination through a process modulated by endoplasmic reticulum stress. Brain, 2006, 129, 1306-1318.	7.6	185
35	Endoplasmic reticulum stress modulates the response of myelinating oligodendrocytes to the immune cytokine interferon-Î³. Journal of Cell Biology, 2005, 169, 603-612.	5.2	179
36	Interferon-Â Induced Medulloblastoma in the Developing Cerebellum. Journal of Neuroscience, 2004, 24, 10074-10083.	3.6	105

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37	Inducible production of interferon-Î³ in the developing brain causes cerebellar dysplasia with activation of the Sonic hedgehog pathway. Molecular and Cellular Neurosciences, 2004, 27, 489-496.	2.2	63
38	Effect of Suppression of TGF-Î²1 Expression on Cell-Cycle and Gene Expression of Î²-1,4-Galactosyltransferase 1 in Human Hepatocarcinoma Cells. Biochemical and Biophysical Research Communications, 2000, 273, 833-838.	2.1	11
39	Upregulation of MMP-2 by all-trans retinoic acid is mediated by TGF- Î² 1 in cultured rat mesangial cell. Fibrinolysis and Proteolysis, 2000, 14, 235-241.	1.1	0