

Yasuki Ishizaki

List of Publications by Year in descending order

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Version: 2024-02-01

30
papers

1,272
citations

471509

17
h-index

477307

29
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30
all docs

30
docs citations

30
times ranked

1867
citing authors

#	ARTICLE	IF	CITATIONS
1	The Ser19Stop single nucleotide polymorphism (SNP) of human PHYHIPL affects the cerebellum in mice. <i>Molecular Brain</i> , 2021, 14, 52.	2.6	1
2	Temperature elevation in epileptogenic foci exacerbates epileptic discharge through TRPV4 activation. <i>Laboratory Investigation</i> , 2020, 100, 274-284.	3.7	19
3	TRPC5 regulates axonal outgrowth in developing retinal ganglion cells. <i>Laboratory Investigation</i> , 2020, 100, 297-310.	3.7	11
4	Transplantation of iPSC-derived vascular endothelial cells improves white matter ischemic damage. <i>Journal of Neurochemistry</i> , 2020, 153, 759-771.	3.9	12
5	Deletion of Class II ADP-Ribosylation Factors in Mice Causes Tremor by the Nav1.6 Loss in Cerebellar Purkinje Cell Axon Initial Segments. <i>Journal of Neuroscience</i> , 2019, 39, 6339-6353.	3.6	8
6	The dynamics of revascularization after white matter infarction monitored in Flt1-tdsRed and Flk1-GFP mice. <i>Neuroscience Letters</i> , 2019, 692, 70-76.	2.1	5
7	BMP4 signaling in NPCs upregulates Bcl-xL to promote their survival in the presence of FGF-2. <i>Biochemical and Biophysical Research Communications</i> , 2018, 496, 588-593.	2.1	7
8	X-ray irradiation induces disruption of the blood-brain barrier with localized changes in claudin-5 and activation of microglia in the mouse brain. <i>Neurochemistry International</i> , 2018, 119, 199-206.	3.8	19
9	Temporal Changes in Transcription Factor Expression Associated with the Differentiation State of Cerebellar Neural Stem/Progenitor Cells During Development. <i>Neurochemical Research</i> , 2018, 43, 205-211.	3.3	3
10	Retinal Detachment-Induced Müller Glial Cell Swelling Activates TRPV4 Ion Channels and Triggers Photoreceptor Death at Body Temperature. <i>Journal of Neuroscience</i> , 2018, 38, 8745-8758.	3.6	48
11	Fibronectin on extracellular vesicles from microvascular endothelial cells is involved in the vesicle uptake into oligodendrocyte precursor cells. <i>Biochemical and Biophysical Research Communications</i> , 2017, 488, 232-238.	2.1	31
12	Transient receptor potential vanilloid 2 activation by focal mechanical stimulation requires interaction with the actin cytoskeleton and enhances growth cone motility. <i>FASEB Journal</i> , 2017, 31, 1368-1381.	0.5	37
13	Extracellular Vesicles from Vascular Endothelial Cells Promote Survival, Proliferation and Motility of Oligodendrocyte Precursor Cells. <i>PLoS ONE</i> , 2016, 11, e0159158.	2.5	32
14	Transplanted microvascular endothelial cells promote oligodendrocyte precursor cell survival in ischemic demyelinating lesions. <i>Journal of Neurochemistry</i> , 2015, 135, 539-550.	3.9	15
15	TRPV4 activation at the physiological temperature is a critical determinant of neuronal excitability and behavior. <i>Pflügers Archiv European Journal of Physiology</i> , 2015, 467, 2495-2507.	2.8	66
16	Hippocampal neuronal maturation triggers post-synaptic clustering of brain temperature-sensor TRPV4. <i>Biochemical and Biophysical Research Communications</i> , 2015, 458, 168-173.	2.1	30
17	FGF-2 signal promotes proliferation of cerebellar progenitor cells and their oligodendrocytic differentiation at early postnatal stage. <i>Biochemical and Biophysical Research Communications</i> , 2015, 463, 1091-1096.	2.1	8
18	Cerebellar neural stem cells differentiate into two distinct types of astrocytes in response to CNTF and BMP2. <i>Neuroscience Letters</i> , 2013, 552, 15-20.	2.1	11

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19	Astrocytes express functional TRPV2 ion channels. <i>Biochemical and Biophysical Research Communications</i> , 2013, 441, 327-332.	2.1	49
20	Dynamic Changes of CD44 Expression from Progenitors to Subpopulations of Astrocytes and Neurons in Developing Cerebellum. <i>PLoS ONE</i> , 2013, 8, e53109.	2.5	66
21	Brain microvascular endothelial cell transplantation ameliorates ischemic white matter damage. <i>Brain Research</i> , 2012, 1469, 43-53.	2.2	20
22	CD44-Positive Cells Are Candidates for Astrocyte Precursor Cells in Developing Mouse Cerebellum. <i>Cerebellum</i> , 2012, 11, 181-193.	2.5	23
23	Cerebral capillary endothelial cells are covered by the VEGF-expressing foot processes of astrocytes. <i>Neuroscience Letters</i> , 2011, 497, 116-121.	2.1	10
24	TRPV2 Enhances Axon Outgrowth through Its Activation by Membrane Stretch in Developing Sensory and Motor Neurons. <i>Journal of Neuroscience</i> , 2010, 30, 4601-4612.	3.6	163
25	Cerebellar granule cell precursors can differentiate into astroglial cells. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004, 101, 1211-1216.	7.1	42
26	A Role for p27/Kip1 in the Control of Cerebellar Granule Cell Precursor Proliferation. <i>Journal of Neuroscience</i> , 2000, 20, 5756-5763.	3.6	143
27	POSSIBLE INVOLVEMENT OF A CHLORIDE-BICARBONATE EXCHANGER IN APOPTOSIS OF ENDOTHELIAL CELLS AND CARDIOMYOCYTES. <i>Cell Biology International</i> , 1999, 23, 241-249.	3.0	27
28	A caspase inhibitor blocks ischaemia-induced delayed neuronal death in the gerbil. <i>European Journal of Neuroscience</i> , 1998, 10, 777-781.	2.6	100
29	A Role for Caspases in Lens Fiber Differentiation. <i>Journal of Cell Biology</i> , 1998, 140, 153-158.	5.2	265
30	A migration stimulating factor for vascular endothelial cells is released by cultured astrocytes.. <i>Proceedings of the Japan Academy Series B: Physical and Biological Sciences</i> , 1990, 66, 81-83.	3.8	1