

Itaru Yazawa

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

405
citations

933447

10
h-index

839539

18
g-index

20
all docs

20
docs citations

20
times ranked

547
citing authors

#	ARTICLE	IF	CITATIONS
1	Coherence analysis of the calcium activity of putative astrocytic and neuronal cells on the L5 ventral horn and neural output in activated lumbar CPG networks. <i>Neuroscience Letters</i> , 2022, 771, 136421.	2.1	1
2	Novel oxygen sensing mechanism in the spinal cord involved in cardiorespiratory responses to hypoxia. <i>Science Advances</i> , 2022, 8, eabm1444.	10.3	13
3	Calcium Imaging Analysis of Cellular Responses to Hypercapnia and Hypoxia in the NTS of Newborn Rat Brainstem Preparation. <i>Frontiers in Physiology</i> , 2021, 12, 645904.	2.8	7
4	An aromatic substance, eugenol induces distinct depressant effects on respiratory activity in different postnatal developmental stages of the rat. <i>Neuroscience Research</i> , 2020, 155, 20-26.	1.9	0
5	Structural and functional connectivity from the dorsomedial hypothalamus to the ventral medulla as a chronological amplifier of sympathetic outflow. <i>Scientific Reports</i> , 2020, 10, 13325.	3.3	11
6	Reciprocal functional interactions between the respiration/circulation center, the upper spinal cord, and the trigeminal system. <i>Translational Neuroscience</i> , 2015, 6, 87-102.	1.4	4
7	Long-lasting facilitation of respiratory rhythm by treatment with TRPA1 agonist, cinnamaldehyde. <i>Journal of Neurophysiology</i> , 2015, 114, 989-998.	1.8	10
8	Reciprocal functional interactions between the brainstem and the lower spinal cord. <i>Frontiers in Neuroscience</i> , 2014, 8, 124.	2.8	12
9	The Transcription Factor IRF8 Activates Integrin-Mediated TGF- β 2 Signaling and Promotes Neuroinflammation. <i>Immunity</i> , 2014, 40, 187-198.	14.3	111
10	Electrophysiological analysis of the spinal network function in the in situ adult interferon regulatory factor 8 (IRF8) knockout mice. <i>FASEB Journal</i> , 2012, 26, 904.6.	0.5	0
11	Optical analysis of acute spontaneous epileptiform discharges in the in vivo rat cerebral cortex. <i>NeuroImage</i> , 2003, 18, 622-632.	4.2	16
12	Intraoperative Intrinsic Optical Imaging of Neuronal Activity from Subdivisions of the Human Primary Somatosensory Cortex. <i>Cerebral Cortex</i> , 2002, 12, 269-280.	2.9	65
13	Optical Imaging of Intrinsic Signals Induced by Peripheral Nerve Stimulation in the in Vivo Rat Spinal Cord. <i>NeuroImage</i> , 2002, 17, 1240-1255.	4.2	44
14	Optical Approaches to Functional Organization of Glossopharyngeal and Vagal Motor Nuclei in the Embryonic Chick Hindbrain. <i>Journal of Neurophysiology</i> , 2002, 88, 383-393.	1.8	22
15	Developmental Changes in Trial-to-Trial Variations in Whisker Barrel Responses Studied Using Intrinsic Optical Imaging: Comparison Between Normal and De-Whiskered Rats. <i>Journal of Neurophysiology</i> , 2001, 86, 392-401.	1.8	21
16	Effects of anisomycin on LTP in the hippocampal CA1: long-term analysis using optical recording. <i>NeuroReport</i> , 2001, 12, 987-991.	1.2	17
17	Multiple-site optical recording reveals embryonic organization of synaptic networks in the chick spinal cord. <i>European Journal of Neuroscience</i> , 2001, 13, 1547-1558.	2.6	19
18	Optical responses to micro-application of GABA agonists in the embryonic chick brain stem. <i>NeuroReport</i> , 2001, 12, 95-98.	1.2	8

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19	Optical detection of embryogenetic expression of vagal excitability in the rat brain stem. NeuroReport, 2000, 11, 3759-3763.	1.2	11
20	Consistency behind trial-to-trial variation in intrinsic optical responses to single-whisker movement in the rat D1-barrel cortex. Neuroscience Research, 2000, 36, 193-207.	1.9	13