

Makoto Funahashi

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

219
citations

1163117

8
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1058476

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all docs

19
docs citations

19
times ranked

190
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of area postrema lesions and bilateral subdiaphragmatic afferent vagotomy on emetine-induced conditioned taste avoidance in rats. <i>Physiology and Behavior</i> , 2021, 241, 113565.	2.1	1
2	Involvement of the area postrema and the nucleus tractus solitarius in the emetogenic action of emetine in rats. <i>Journal of Oral Biosciences</i> , 2020, 62, 310-314.	2.2	5
3	Entrainment of chewing rhythm by gait speed during treadmill walking in humans. <i>Neuroscience Research</i> , 2020, 156, 88-94.	1.9	5
4	Effects of methyl methacrylate on the excitability of the area postrema neurons in rats. <i>Journal of Oral Biosciences</i> , 2020, 62, 306-309.	2.2	4
5	Effects of intraperitoneally administered L-histidine on food intake, taste, and visceral sensation in rats. <i>Journal of Physiological Sciences</i> , 2017, 67, 467-474.	2.1	8
6	Cortico-muscular synchronization by proprioceptive afferents from the tongue muscles during isometric tongue protrusion. <i>NeuroImage</i> , 2016, 128, 284-292.	4.2	16
7	Modulation of stimulus-induced 20-Hz activity for the tongue and hard palate during tongue movement in humans. <i>Clinical Neurophysiology</i> , 2016, 127, 698-705.	1.5	3
8	Presynaptically mediated effects of cholecystokinin-8 on the excitability of area postrema neurons in rat brain slices. <i>Brain Research</i> , 2015, 1618, 83-90.	2.2	9
9	Effects of treadmill exercise on the LiCl-induced conditioned taste aversion in rats. <i>Physiology and Behavior</i> , 2015, 138, 1-5.	2.1	8
10	Somatosensory evoked magnetic fields following tongue and hard palate stimulation on the preferred chewing side. <i>Journal of the Neurological Sciences</i> , 2014, 347, 288-294.	0.6	8
11	Contralateral dominance of corticomuscular coherence for both sides of the tongue during human tongue protrusion: An MEG study. <i>NeuroImage</i> , 2014, 101, 245-255.	4.2	19
12	Electrophysiologically identified presynaptic mechanisms underlying amylinergic modulation of area postrema neuronal excitability in rat brain slices. <i>Brain Research</i> , 2013, 1494, 9-16.	2.2	16
13	The role of area postrema neurons expressing H-channels in the induction mechanism of nausea and vomiting. <i>Physiology and Behavior</i> , 2012, 107, 98-103.	2.1	25
14	Purinergic modulation of area postrema neuronal excitability in rat brain slices. <i>Brain Research</i> , 2007, 1165, 50-59.	2.2	8
15	Variety of morphological and electrophysiological properties of area postrema neurons in adult rat brain slices. <i>Neuroscience Research</i> , 2006, 54, 43-48.	1.9	6
16	Nicotinic modulation of area postrema neuronal excitability in rat brain slices. <i>Brain Research</i> , 2004, 1017, 227-233.	2.2	8
17	Role of the Hyperpolarization-Activated Cation Current (I _h) in Pacemaker Activity in Area Postrema Neurons of Rat Brain Slices. <i>Journal of Physiology</i> , 2003, 552, 135-148.	2.9	50
18	Electrophysiological properties of the rat area postrema neurons displaying both the transient outward current and the hyperpolarization-activated inward current. <i>Brain Research Bulletin</i> , 2002, 58, 337-343.	3.0	11

#	ARTICLE	IF	CITATIONS
19	Two distinct types of transient outward currents in area postrema neurons in rat brain slices. Brain Research, 2002, 942, 31-45.	2.2	9