Makoto Funahashi

List of Publications by Year
in descending order

19	219	1163117 8	1058476 14
papers	citations	h-index	g-index

19	19	19	190
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Role of the Hyperpolarizationâ€Activated Cation Current (I h) in Pacemaker Activity in Area Postrema Neurons of Rat Brain Slices. Journal of Physiology, 2003, 552, 135-148.	2.9	50
2	The role of area postrema neurons expressing H-channels in the induction mechanism of nausea and vomiting. Physiology and Behavior, 2012, 107, 98-103.	2.1	25
3	Contralateral dominance of corticomuscular coherence for both sides of the tongue during human tongue protrusion: An MEG study. NeuroImage, 2014, 101, 245-255.	4.2	19
4	Electrophysiologically identified presynaptic mechanisms underlying amylinergic modulation of area postrema neuronal excitability in rat brain slices. Brain Research, 2013, 1494, 9-16.	2.2	16
5	Cortico-muscular synchronization by proprioceptive afferents from the tongue muscles during isometric tongue protrusion. NeuroImage, 2016, 128, 284-292.	4.2	16
6	Electrophysiological properties of the rat area postrema neurons displaying both the transient outward current and the hyperpolarization-activated inward current. Brain Research Bulletin, 2002, 58, 337-343.	3.0	11
7	Two distinct types of transient outward currents in area postrema neurons in rat brain slices. Brain Research, 2002, 942, 31-45.	2.2	9
8	Presynaptically mediated effects of cholecystokinin-8 on the excitability of area postrema neurons in rat brain slices. Brain Research, 2015, 1618, 83-90.	2.2	9
9	Nicotinic modulation of area postrema neuronal excitability in rat brain slices. Brain Research, 2004, 1017, 227-233.	2.2	8
10	Purinergic modulation of area postrema neuronal excitability in rat brain slices. Brain Research, 2007, 1165, 50-59.	2.2	8
11	Somatosensory evoked magnetic fields following tongue and hard palate stimulation on the preferred chewing side. Journal of the Neurological Sciences, 2014, 347, 288-294.	0.6	8
12	Effects of treadmill exercise on the LiCl-induced conditioned taste aversion in rats. Physiology and Behavior, 2015, 138, 1-5.	2.1	8
13	Effects of intraperitoneally administered l-histidine on food intake, taste, and visceral sensation in rats. Journal of Physiological Sciences, 2017, 67, 467-474.	2.1	8
14	Variety of morphological and electrophysiological properties of area postrema neurons in adult rat brain slices. Neuroscience Research, 2006, 54, 43-48.	1.9	6
15	Involvement of the area postrema and the nucleus tractus solitarius in the emetogenic action of emetine in rats. Journal of Oral Biosciences, 2020, 62, 310-314.	2.2	5
16	Entrainment of chewing rhythm by gait speed during treadmill walking in humans. Neuroscience Research, 2020, 156, 88-94.	1.9	5
17	Effects of methyl methacrylate on the excitability of the area postrema neurons in rats. Journal of Oral Biosciences, 2020, 62, 306-309.	2.2	4
18	Modulation of stimulus-induced 20-Hz activity for the tongue and hard palate during tongue movement in humans. Clinical Neurophysiology, 2016, 127, 698-705.	1.5	3

#	Article	IF	Citations
19	Effects of area postrema lesions and bilateral subdiaphragmatic afferent vagotomy on emetine-induced conditioned taste avoidance in rats.. Physiology and Behavior, 2021, 241, 113565.	2.1	1