Akihisa Kimura

List of Publications by Year
in descending order

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16	202	1162889	1058333
papers	citations	8	14
		h-index	g-index

16	16	16	195
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Sound Intensity-dependent Multiple Tonotopic Organizations and Complex Sub-threshold Alterations of Auditory Response Across Sound Frequencies in the Thalamic Reticular Nucleus. Neuroscience, 2021, 475, 10-51.	1.1	1
2	Significance of medial preoptic area among the subcortical and cortical areas that are related to pain regulation in the rats with stress-induced hyperalgesia. Brain Research, 2020, 1735, 146758.	1.1	3
3	Crossâ€modal modulation of cell activity by sound in firstâ€order visual thalamic nucleus. Journal of Comparative Neurology, 2020, 528, 1917-1941.	0.9	3
4	Robust Subthreshold Cross-modal Modulation of Auditory Response by Cutaneous Electrical Stimulation in First- and Higher-order Auditory Thalamic Nuclei. Neuroscience, 2018, 372, 161-180.	1.1	7
5	Increase of histone acetylation in the GABAergic neurons in the rostral ventromedial medulla associated with mechanical hypersensitivity after repeated restraint stress. Brain Research Bulletin, 2018, 142, 394-402.	1.4	7
6	Robust interactions between the effects of auditory and cutaneous electrical stimulations on cell activities in the thalamic reticular nucleus. Brain Research, 2017, 1661, 49-66.	1.1	14
7	Attenuation of pCREB and Egr1 expression in the insular and anterior cingulate cortices associated with enhancement of CFA-evoked mechanical hypersensitivity after repeated forced swim stress. Brain Research Bulletin, 2017, 134, 253-261.	1.4	9
8	Repeated forced swim stress affects the expression of pCREB and Î”FosB and the acetylation of histone H3 in the rostral ventromedial medulla and locus coeruleus. Brain Research Bulletin, 2016, 127, 11-22.	1.4	10
9	Anatomically structured burst spiking of thalamic reticular nucleus cells: implications for distinct modulations of sensory processing in lemniscal and nonâ€lemniscal thalamocortical loop circuitries. European Journal of Neuroscience, 2015, 41, 1276-1293.	1.2	12
10	Diverse subthreshold crossâ€modal sensory interactions in the thalamic reticular nucleus: implications for new pathways of crossâ€modal attentional gating function. European Journal of Neuroscience, 2014, 39, 1405-1418.	1.2	30
11	Auditory thalamic reticular nucleus of the rat: Anatomical nodes for modulation of auditory and crossâ€modal sensory processing in the loop connectivity between the cortex and thalamus. Journal of Comparative Neurology, 2012, 520, 1457-1480.	0.9	32
12	Axonal projections of auditory cells with short and long response latencies in the medial geniculate nucleus: distinct topographies in the connection with the thalamic reticular nucleus. European Journal of Neuroscience, 2009, 30, 783-799.	1.2	15
13	Long-Term Potentiation/Depotentiation Are Accompanied by Complex Changes in Spontaneous Unit Activity in the Hippocampus. Journal of Neurophysiology, 2000, 84, 1894-1906.	0.9	27
14	Sensory response properties of cortical neurons in the anterior ectosylvian sulcus of cats: intracellular recording and labeling. Neuroscience Research, 1996, 26, 357-367.	1.0	2
15	Long-lasting changes of neuronal activity in the motor cortex of cats. NeuroReport, 1996, 7, 869-872.	0.6	7
16	Sensory response of cortical neurons in the anterior ectosylvian sulcus, including the area evoking eye movement. Brain Research, 1992, 575, 181-186.	1.1	23