

Akihisa Kimura

List of Publications by Year in descending order

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16
papers

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195
citing authors

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