

Bahadir Kasap

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

85
citations

2258059

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12
docs citations

12
times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Dynamic parallelism for synaptic updating in GPU-accelerated spiking neural network simulations. <i>Neurocomputing</i> , 2018, 302, 55-65.	5.9	33
2	A spiking neural network model of the midbrain superior colliculus that generates saccadic motor commands. <i>Biological Cybernetics</i> , 2017, 111, 249-268.	1.3	24
3	Microstimulation in a spiking neural network model of the midbrain superior colliculus. <i>PLoS Computational Biology</i> , 2019, 15, e1006522.	3.2	7
4	Maps and sensorimotor transformations for eye-head gaze shifts: Role of the midbrain superior colliculus. <i>Progress in Brain Research</i> , 2019, 249, 19-33.	1.4	7
5	Improving odor classification through self-organized lateral inhibition in a spiking olfaction-inspired network. , 2013, , .		5
6	Self-organized lateral inhibition improves odor classification in an olfaction-inspired network. <i>BMC Neuroscience</i> , 2013, 14, .	1.9	3
7	Modeling auditory-visual evoked eye-head gaze shifts in dynamic multisteps. <i>Journal of Neurophysiology</i> , 2018, 119, 1795-1808.	1.8	3
8	Double Stimulation in a Spiking Neural Network Model of the Midbrain Superior Colliculus. <i>Frontiers in Applied Mathematics and Statistics</i> , 2018, 4, 47.	1.3	2
9	Lateral connections synchronize population activity in a spiking neural network model of midbrain superior colliculus. <i>BMC Neuroscience</i> , 2015, 16, .	1.9	0
10	A one-dimensional spiking neural network model of the midbrain superior colliculus. , 2015, , .		0
11	Electrical stimulation in a spiking neural network model of monkey superior colliculus. <i>Progress in Brain Research</i> , 2019, 249, 153-166.	1.4	0