

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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h-index

1720034

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g-index

12
all docs

12
docs citations

12
times ranked

70
citing authors

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