

Amar Shrestha

List of Publications by Year in descending order

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9
papers

105
citations

2682572
2
h-index

2917675
2
g-index

9
all docs

9
docs citations

9
times ranked

81
citing authors

#	ARTICLE	IF	CITATIONS
1	Stable spike-timing dependent plasticity rule for multilayer unsupervised and supervised learning. , 2017, , .		29
2	A Survey on Neuromorphic Computing: Models and Hardware. IEEE Circuits and Systems Magazine, 2022, 22, 6-35.	2.3	19
3	Probabilistic inference using stochastic spiking neural networks on a neurosynaptic processor. , 2016, , .		14
4	A spike-based long short-term memory on a neurosynaptic processor. , 2017, , .		13
5	Multivariate Time Series Classification Using Spiking Neural Networks. , 2020, , .		13
6	Modular Spiking Neural Circuits for Mapping Long Short-Term Memory on a Neurosynaptic Processor. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2018, 8, 782-795.	3.6	7
7	System Design for In-Hardware STDP Learning and Spiking Based Probablistic Inference. , 2016, , .		5
8	Simulation of bayesian learning and inference on distributed stochastic spiking neural networks. , 2016, , .		5
9	1S1R-Based Stable Learning through Single-Spike-Encoded Spike-Timing-Dependent Plasticity. , 2021, , .		0