

Yingyezhe Jin

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

222
citations

2258059

3
h-index

2550090

3
g-index

10
all docs

10
docs citations

10
times ranked

161
citing authors

#	ARTICLE	IF	CITATIONS
1	A Digital Liquid State Machine With Biologically Inspired Learning and Its Application to Speech Recognition. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2635-2649.	11.3	130
2	General-purpose LSM learning processor architecture and theoretically guided design space exploration. , 2015, , .		26
3	Performance and robustness of bio-inspired digital liquid state machines: A case study of speech recognition. Neurocomputing, 2017, 226, 145-160.	5.9	26
4	AP-STDP: A novel self-organizing mechanism for efficient reservoir computing. , 2016, , .		14
5	Online Adaptation and Energy Minimization for Hardware Recurrent Spiking Neural Networks. ACM Journal on Emerging Technologies in Computing Systems, 2018, 14, 1-21.	2.3	9
6	Exploring sparsity of firing activities and clock gating for energy-efficient recurrent spiking neural processors. , 2017, , .		5
7	Calcium-modulated supervised spike-timing-dependent plasticity for readout training and sparsification of the liquid state machine. , 2017, , .		4
8	Design and Architectural Co-optimization of Monolithic 3D Liquid State Machine-based Neuromorphic Processor. , 2018, , .		4
9	Design and architectural co-optimization of monolithic 3D liquid state machine-based neuromorphic processor. , 2018, , .		4
10	Area-efficient and low-power face-to-face-bonded 3D liquid state machine design. , 2018, , .		0