Hesham Mostafa

List of Publications by Year
in descending order

7 papers	**930** citations	1478280 **6** h-index	1872570 **6** g-index
7 all docs	**7** docs citations	**7** times ranked	**620** citing authors

#	Article	IF	Citations
1	Surrogate Gradient Learning in Spiking Neural Networks: Bringing the Power of Gradient-Based Optimization to Spiking Neural Networks. IEEE Signal Processing Magazine, 2019, 36, 51-63.	4.6	501
2	Supervised Learning Based on Temporal Coding in Spiking Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2017, 29, 1-9.	7.2	187
3	Synaptic Plasticity Dynamics for Deep Continuous Local Learning (DECOLLE). Frontiers in Neuroscience, 2020, 14, 424.	1.4	146
4	Deep Supervised Learning Using Local Errors. Frontiers in Neuroscience, 2018, 12, 608.	1.4	72
5	A Learning Framework for Winner-Take-All Networks with Stochastic Synapses. Neural Computation, 2018, 30, 1542-1572.	1.3	9
6	Small-footprint Spiking Neural Networks for Power-efficient Keyword Spotting. , 2018, , .		8
7	Hardware-Efficient On-line Learning through Pipelined Truncated-Error Backpropagation in Binary-State Networks. Frontiers in Neuroscience, 2017, 11, 496.	1.4	7