

# Hesham Mostafa

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8012492/publications.pdf>

Version: 2024-02-01

7  
papers

930  
citations

1477746

6  
h-index

1872312

6  
g-index

7  
all docs

7  
docs citations

7  
times ranked

620  
citing authors

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