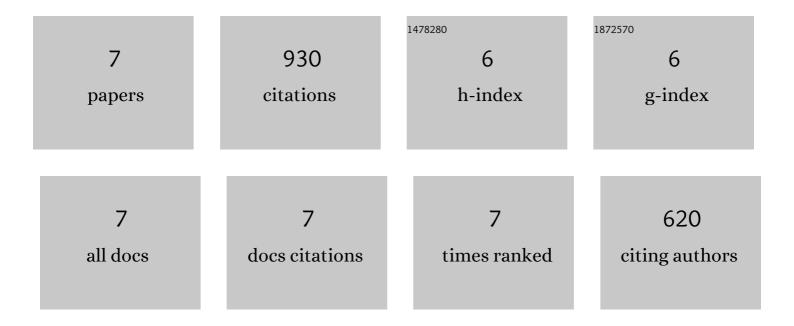
Hesham Mostafa

List of Publications by Year in descending order

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| # | 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 |