Utkarsh Saxena

List of Publications by Year
in descending order

7 papers	84 citations	1937685 4 h-index	2272923 4 g-index
7 all docs	7 docs citations	7 times ranked	59 citing authors

#	Article	IF	Citations
1	On-chip learning for domain wall synapse based Fully Connected Neural Network. Journal of Magnetism and Magnetic Materials, 2019, 489, 165434.	2.3	34
2	Low-Energy Implementation of Feed-Forward Neural Network With Back-Propagation Algorithm Using a Spin-Orbit Torque Driven Skyrmionic Device. IEEE Transactions on Magnetics, 2018, 54, 1-5.	2.1	15
3	A 35.5-127.2 TOPS/W Dynamic Sparsity-Aware Reconfigurable-Precision Compute-in-Memory SRAM Macro for Machine Learning. IEEE Solid-State Circuits Letters, 2021, 4, 129-132.	2.0	14
4	Revisiting Stochastic Computing in the Era of Nanoscale Nonvolatile Technologies. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2020, 28, 2481-2494.	3.1	8
5	On-chip Learning In A Conventional Silicon MOSFET Based Analog Hardware Neural Network. , 2019, , .		6
6	Towards ADC-Less Compute-In-Memory Accelerators for Energy Efficient Deep Learning. , 2022, , .		5
7	Skyrmionic implementation of Spike Time Dependent Plasticity (STDP) enabled Spiking Neural Network (SNN) under supervised learning scheme. , 2018, , .		2