

Sang-Gyun Gi

List of Publications by Year in descending order

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6
papers

71
citations

1937685

4
h-index

2272923

4
g-index

6
all docs

6
docs citations

6
times ranked

112
citing authors

#	ARTICLE	IF	CITATIONS
1	Stuck-at-Fault Tolerant Schemes for Memristor Crossbar Array-Based Neural Networks. IEEE Transactions on Electron Devices, 2019, 66, 2937-2945.	3.0	32
2	Stochastic implementation of the activation function for artificial neural networks. , 2016, , .		13
3	WOx-Based Synapse Device With Excellent Conductance Uniformity for Hardware Neural Networks. IEEE Nanotechnology Magazine, 2020, 19, 594-600.	2.0	13
4	A Hardware and Energy-Efficient Online Learning Neural Network With an RRAM Crossbar Array and Stochastic Neurons. IEEE Transactions on Industrial Electronics, 2021, 68, 11554-11564.	7.9	8
5	Modeling and System-Level Simulation for Nonideal Conductance Response of Synaptic Devices. IEEE Transactions on Electron Devices, 2018, 65, 3996-4003.	3.0	5
6	Implementation of STDP Learning for Non-volatile Memory-based Spiking Neural Network using Comparator Metastability. , 2019, , .		0