

Siting Liu

List of Publications by Year in descending order

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8
papers

327
citations

1684188

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2053705

5
g-index

8
all docs

8
docs citations

8
times ranked

205
citing authors

#	ARTICLE	IF	CITATIONS
1	A Survey of Stochastic Computing Neural Networks for Machine Learning Applications. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 2809-2824.	11.3	86
2	Dynamic Stochastic Computing for Digital Signal Processing Applications. , 2020, , .		5
3	Introduction to Dynamic Stochastic Computing. IEEE Circuits and Systems Magazine, 2020, 20, 19-33.	2.3	15
4	Toward Energy-Efficient Stochastic Circuits Using Parallel Sobol Sequences. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2018, 26, 1326-1339.	3.1	46
5	A Stochastic Computational Multi-Layer Perceptron with Backward Propagation. IEEE Transactions on Computers, 2018, 67, 1273-1286.	3.4	73
6	Gradient Descent Using Stochastic Circuits for Efficient Training of Learning Machines. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2018, 37, 2530-2541.	2.7	27
7	Energy efficient stochastic computing with Sobol sequences. , 2017, , .		65
8	Hardware ODE Solvers using Stochastic Circuits. , 2017, , .		10