

Erwei Wang

List of Publications by Year in descending order

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7
papers

212
citations

2258059

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2550090

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7
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7
docs citations

7
times ranked

226
citing authors

#	ARTICLE	IF	CITATIONS
1	Deep Neural Network Approximation for Custom Hardware. ACM Computing Surveys, 2020, 52, 1-39.	23.0	88
2	LUTNet: Rethinking Inference in FPGA Soft Logic. , 2019, , .		30
3	A PYNQ-Based Framework for Rapid CNN Prototyping. , 2018, , .		26
4	LUTNet: Learning FPGA Configurations for Highly Efficient Neural Network Inference. IEEE Transactions on Computers, 2020, 69, 1795-1808.	3.4	26
5	Automatic Generation of Multi-Precision Multi-Arithmetic CNN Accelerators for FPGAs. , 2019, , .		23
6	Nonideality-aware Training for Accurate and Robust Low-power Memristive Neural Networks. Advanced Science, 2022, 9, e2105784.	11.2	17
7	Mitigating Non-idealities of Memristive-based Artificial Neural Networks - an Algorithmic Approach. , 2022, , .		2