

Pouya Haghi

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/10178351/publications.pdf>

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10
papers

177
citations

2682572

2
h-index

2917675

2
g-index

10
all docs

10
docs citations

10
times ranked

111
citing authors

#	ARTICLE	IF	CITATIONS
1	AWB-GCN: A Graph Convolutional Network Accelerator with Runtime Workload Rebalancing. , 2020, , .		132
2	FPGAs in the Network and Novel Communicator Support Accelerate MPI Collectives. , 2020, , .		10
3	Accelerating MPI Collectives with FPGAs in the Network and Novel Communicator Support. , 2020, , .		8
4	FP-AMG: FPGA-Based Acceleration Framework for Algebraic Multigrid Solvers. , 2020, , .		7
5	Workload Imbalance in HPC Applications: Effect on Performance of In-Network Processing. , 2021, , .		7
6	Reconfigurable switches for high performance and flexible MPI collectives. Concurrency Computation Practice and Experience, 2022, 34, .	2.2	6
7	A Reconfigurable Compute-in-the-Network FPGA Assistant for High-Level Collective Support with Distributed Matrix Multiply Case Study. , 2020, , .		4
8	Oâ€DNN: A Hybrid DSP-LUT-Based Processing Unit With Operation Packing and Out-of-Order Execution for Efficient Realization of Convolutional Neural Networks on FPGA Devices. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 3056-3069.	5.4	2
9	FCsN: A FPGA-Centric SmartNIC Framework for Neural Networks. , 2022, , .		1
10	COPA Use Case: Distributed Secure Joint Computation. , 2022, , .		0