

Seungkyu Choi

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

104
citations

2258059

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2272923

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12
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docs citations

12
times ranked

107
citing authors

#	ARTICLE	IF	CITATIONS
1	Energy-Efficient CNN Personalized Training by Adaptive Data Reformation. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2023, 42, 332-336.	2.7	1
2	Rare Computing: Removing Redundant Multiplications From Sparse and Repetitive Data in Deep Neural Networks. IEEE Transactions on Computers, 2022, 71, 795-808.	3.4	0
3	A Deep Neural Network Training Architecture With Inference-Aware Heterogeneous Data-Type. IEEE Transactions on Computers, 2022, 71, 1216-1229.	3.4	4
4	A Convergence Monitoring Method for DNN Training of On-Device Task Adaptation. , 2021, , .		1
5	An Energy-Efficient Deep Convolutional Neural Network Training Accelerator for <i>In Situ</i> Personalization on Smart Devices. IEEE Journal of Solid-State Circuits, 2020, 55, 2691-2702.	5.4	32
6	A Pragmatic Approach to On-device Incremental Learning System with Selective Weight Updates. , 2020, , .		5
7	An Optimized Design Technique of Low-bit Neural Network Training for Personalization on IoT Devices. , 2019, , .		17
8	Compressing Sparse Ternary Weight Convolutional Neural Networks for Efficient Hardware Acceleration. , 2019, , .		1
9	A 47.4 μ J/epoch Trainable Deep Convolutional Neural Network Accelerator for In-Situ Personalization on Smart Devices. , 2019, , .		2
10	TrainWare. , 2018, , .		13
11	Energy-Efficient Design of Processing Element for Convolutional Neural Network. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 1332-1336.	3.0	25
12	SENIN: An energy-efficient sparse neuromorphic system with on-chip learning. , 2017, , .		3