Seungsik Moon

List of Publications by Year
in descending order

12 papers	64 citations	1937685 4 h-index	1588992 8 g-index
12 all docs	12 docs citations	12 times ranked	50 citing authors

#	Article	IF	Citations
1	Memory-Reduced Network Stacking for Edge-Level CNN Architecture With Structured Weight Pruning. IEEE Journal on Emerging and Selected Topics in Circuits and Systems, 2019, 9, 735-746.	3.6	17
2	Massive MIMO Systems With Low-Resolution ADCs: Baseband Energy Consumption vs. Symbol Detection Performance. IEEE Access, 2019, 7, 6650-6660.	4.2	11
3	Layerwise Buffer Voltage Scaling for Energy-Efficient Convolutional Neural Network. IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems, 2021, 40, 1-10.	2.7	8
4	FPGA-Based Sparsity-Aware CNN Accelerator for Noise-Resilient Edge-Level Image Recognition. , 2019, , .		6
5	Rapid Balise Telegram Decoder With Modified LFSR Architecture for Train Protection Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2019, 66, 272-276.	3.0	5
6	Energy-Efficient Symmetric BC-BCH Decoder Architecture for Mobile Storages. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 4462-4475.	5.4	4
7	Multi-level Weight Indexing Scheme for Memory-Reduced Convolutional Neural Network. , 2019, , .		3
8	High-Throughput and Low-Latency Digital Baseband Architecture for Energy-Efficient Wireless VR Systems. Electronics (Switzerland), 2019, 8, 815.	3.1	2
9	MixNet: An Energy-Scalable and Computationally Lightweight Deep Learning Accelerator. , 2019, , .		2
10	Low-Latency Unfolded-KES Architecture for Emerging Storage Class Memories. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 2103-2113.	5.4	2
11	Energy-Efficient Precoding Architecture for Multi-User MIMO Systems. , 2020, , .		2
12	Low-Complexity Beamforming Optimization for IRS-Aided MU-MIMO Wireless Systems. IEEE Transactions on Vehicular Technology, 2022, 71, 5587-5592.	6.3	2