Wei Zhou

List of Publications by Year
in descending order

9 papers	154 citations	1937685 4 h-index	2053705 5 g-index
9 all docs	9 docs citations	9 times ranked	159 citing authors

#	ARTICLE	IF	CITATIONS
1	High-Performance FPGA-Based CNN Accelerator With Block-Floating-Point Arithmetic. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2019, 27, 1874-1885.	3.1	100
2	Optimising thermal sensor placement and thermal maps reconstruction for microprocessors using simulated annealing algorithm based on PCA. IET Circuits, Devices and Systems, 2016, 10, 463-472.	1.4	19
3	A 200MHZ 202.4GFLOPS@10.8W VGG16 accelerator in Xilinx VX690T. , 2017, , .		12
4	Accurate On-Chip Temperature Sensing for Multicore Processors Using Embedded Thermal Sensors. IEEE Transactions on Very Large Scale Integration (VLSI) Systems, 2020, 28, 2328-2341.	3.1	10
5	Sensitivity-Oriented Layer-Wise Acceleration and Compression for Convolutional Neural Network. IEEE Access, 2019, 7, 38264-38272.	4.2	4
6	Synergistic Calibration of Noisy Thermal Sensors Using Smoothing Filter-Based Kalman Predictor. , 2018, , .		3
7	High-Resolution Thermal Maps Extraction of Multi-Core Processors Based on Convolutional Neural Networks. , 2019, , .		3
8	Sub-Frame Layer Rate Distortion Optimization for High Efficiency Video Coding. IEEE Access, 2020, 8, 53116-53132.	4.2	2
9	A Block-Floating-Point Arithmetic Based FPGA Accelerator for Convolutional Neural Networks. , 2019, , .		1