

Wei Zhou

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Sub-Frame Layer Rate Distortion Optimization for High Efficiency Video Coding. IEEE Access, 2020, 8, 53116-53132.	4.2	2
3	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
4	Sensitivity-Oriented Layer-Wise Acceleration and Compression for Convolutional Neural Network. IEEE Access, 2019, 7, 38264-38272.	4.2	4
5	High-Resolution Thermal Maps Extraction of Multi-Core Processors Based on Convolutional Neural Networks. , 2019, , .		3
6	A Block-Floating-Point Arithmetic Based FPGA Accelerator for Convolutional Neural Networks. , 2019, , .		1
7	Synergistic Calibration of Noisy Thermal Sensors Using Smoothing Filter-Based Kalman Predictor. , 2018, , .		3
8	A 200MHZ 202.4GFLOPS@10.8W VGG16 accelerator in Xilinx VX690T. , 2017, , .		12
9	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