

Byungin Moon

List of Publications by Year in descending order

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Version: 2024-02-01

19
papers

59
citations

1937685

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19
all docs

19
docs citations

19
times ranked

75
citing authors

#	ARTICLE	IF	CITATIONS
1	Hardware-friendly architecture for a pseudo 2D weighted median filter based on sparse-window approach. Multimedia Tools and Applications, 2021, 80, 34221-34236.	3.9	2
2	Memory-Efficient Architecture for Contrast Enhancement and Integral Image Computation. , 2020, , .		5
3	Design and Analysis of Fast Fourier Transform Processors with Various Number Systems. The Journal of Korean Institute of Information Technology, 2020, 18, 117-125.	0.3	0
4	Low-cost Hardware Architecture for Integral Image Generation using Word Length Reduction. , 2020, , .		0
5	Cache memory organization for processing in memory. IEICE Electronics Express, 2019, 16, 20190393-20190393.	0.8	1
6	A Sequence-Preserving Packet Scheduler for Multi-Core Network Processors. The Journal of Korean Institute of Information Technology, 2019, 17, 79-85.	0.3	0
7	Modified adaptive support weight and disparity search range estimation schemes for stereo matching processors. Journal of Supercomputing, 2018, 74, 6665-6690.	3.6	4
8	3D die-stacked DRAM thermal management via task allocation and core pipeline control. IEICE Electronics Express, 2018, 15, 20171253-20171253.	0.8	6
9	Drivable Area Detection Method Capable of Distinguishing Vegetation Area on Country Road. , 2018, , .		2
10	An accurate and cost-effective stereo matching algorithm and processor for real-time embedded multimedia systems. Multimedia Tools and Applications, 2017, 76, 17907-17922.	3.9	4
11	A simplified rectification method and its hardware architecture for embedded multimedia systems. Multimedia Tools and Applications, 2017, 76, 19761-19779.	3.9	6
12	A study of partitioned DIMM tree management for multimedia server systems. Multimedia Tools and Applications, 2017, 76, 17937-17954.	3.9	0
13	Bio-photonic detection method for morphological analysis of anthracnose disease and physiological disorders of Diospyros kaki. Optical Review, 2017, 24, 199-205.	2.0	8
14	The Impact of 3D Stacking and Technology Scaling on the Power and Area of Stereo Matching Processors. Sensors, 2017, 17, 426.	3.8	1
15	A modified census transform using the representative intensity values. , 2015, , .		1
16	A T-DIMM ID Based Command Routing Method for the DIMM Tree Architecture. International Journal of Control and Automation, 2015, 8, 43-54.	0.3	1
17	A census-based stereo matching algorithm with multiple sparse windows. , 2015, , .		5
18	Design and analysis of 3D IC-based low power stereo matching processors. , 2013, , .		2

#	ARTICLE	IF	CITATIONS
19	An ant colony optimization approach for the preference-based shortest path search. Journal of the Chinese Institute of Engineers, Transactions of the Chinese Institute of Engineers, Series A/Chung-kuo Kung Ch'eng Hsueh K'an, 2011, 34, 181-196.	1.1	11