

# Byungin Moon

## List of Publications by Year in descending order

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19  
papers

59  
citations

1937685

4  
h-index

1720034

7  
g-index

19  
all docs

19  
docs citations

19  
times ranked

75  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	A simplified rectification method and its hardware architecture for embedded multimedia systems. Multimedia Tools and Applications, 2017, 76, 19761-19779.	3.9	6
4	3D die-stacked DRAM thermal management via task allocation and core pipeline control. IEICE Electronics Express, 2018, 15, 20171253-20171253.	0.8	6
5	A census-based stereo matching algorithm with multiple sparse windows. , 2015, , .		5
6	Memory-Efficient Architecture for Contrast Enhancement and Integral Image Computation. , 2020, , .		5
7	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
8	Modified adaptive support weight and disparity search range estimation schemes for stereo matching processors. Journal of Supercomputing, 2018, 74, 6665-6690.	3.6	4
9	Design and analysis of 3D IC-based low power stereo matching processors. , 2013, , .		2
10	Drivable Area Detection Method Capable of Distinguishing Vegetation Area on Country Road. , 2018, , .		2
11	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
12	A modified census transform using the representative intensity values. , 2015, , .		1
13	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
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	Cache memory organization for processing in memory. IEICE Electronics Express, 2019, 16, 20190393-20190393.	0.8	1
16	A study of partitioned DIMM tree management for multimedia server systems. Multimedia Tools and Applications, 2017, 76, 17937-17954.	3.9	0
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Low-cost Hardware Architecture for Integral Image Generation using Word Length Reduction. , 2020, ,		0