

Bo Yu

List of Publications by Year in descending order

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7
papers

453
citations

1684188
5
h-index

2053705
5
g-index

7
all docs

7
docs citations

7
times ranked

402
citing authors

#	ARTICLE	IF	CITATIONS
1	Edge Computing for Autonomous Driving: Opportunities and Challenges. Proceedings of the IEEE, 2019, 107, 1697-1716.	21.3	364
2	A Survey of FPGA-Based Robotic Computing. IEEE Circuits and Systems Magazine, 2021, 21, 48-74.	2.3	38
3	LoPECS: A Low-Power Edge Computing System for Real-Time Autonomous Driving Services. IEEE Access, 2020, 8, 30467-30479.	4.2	28
4	Ï€-BA: Bundle Adjustment Hardware Accelerator based on Distribution of 3D-Point Observations. IEEE Transactions on Computers, 2020, , 1-1.	3.4	11
5	π-RT: A Runtime Framework to Enable Energy-Efficient Real-Time Robotic Vision Applications on Heterogeneous Architectures. Computer, 2021, 54, 14-25.	1.1	6
6	An Energy-Efficient and Runtime-Reconfigurable FPGA-Based Accelerator for Robotic Localization Systems. , 2022, , .		4
7	On Designing Computing Systems for Autonomous Vehicles. , 2021, , .		2