

Haochang Chen

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

259
citations

1307594

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1474206

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12
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12
docs citations

12
times ranked

275
citing authors

#	ARTICLE	IF	CITATIONS
1	A 192imes128 Time Correlated SPAD Image Sensor in 40-nm CMOS Technology. IEEE Journal of Solid-State Circuits, 2019, 54, 1907-1916.	5.4	85
2	Multichannel, Low Nonlinearity Time-to-Digital Converters Based on 20 and 28 nm FPGAs. IEEE Transactions on Industrial Electronics, 2019, 66, 3265-3274.	7.9	45
3	A Low Nonlinearity, Missing-Code Free Time-to-Digital Converter Based on 28-nm FPGAs With Embedded Bin-Width Calibrations. IEEE Transactions on Instrumentation and Measurement, 2017, 66, 1912-1921.	4.7	43
4	Efficient Time-to-Digital Converters in 20 nm FPGAs With Wave Union Methods. IEEE Transactions on Industrial Electronics, 2022, 69, 1021-1031.	7.9	21
5	A 192Å–128 Time Correlated Single Photon Counting Imager in 40nm CMOS Technology. , 2018, , .		19
6	128-Channel High-Linearity Resolution-Adjustable Time-to-Digital Converters for LiDAR Applications: Software Predictions and Hardware Implementations. IEEE Transactions on Industrial Electronics, 2022, 69, 4264-4274.	7.9	13
7	Multispectral time-of-flight imaging using light-emitting diodes. Optics Express, 2019, 27, 35485.	3.4	12
8	Multichannel Time-to-Digital Converters With Automatic Calibration in Xilinx Zynq-7000 FPGA Devices. IEEE Transactions on Industrial Electronics, 2022, 69, 9634-9643.	7.9	8
9	Combining Time of Flight and Photometric Stereo Imaging for 3D Reconstruction of Discontinuous Scenes. Optics Letters, 2021, 46, 3612-3615.	3.3	7
10	Multi-channel high-linearity time-to-digital converters in 20 nm and 28 nm FPGAs for LiDAR applications. , 2020, , .		3
11	Assessing Novel Lidar Modalities for Maximizing Coverage of a Spaceborne System through the Use of Diode Lasers. Remote Sensing, 2022, 14, 2426.	4.0	2
12	Hyperspectral Imaging Under Low Illumination with a Single Photon Camera. , 2018, , .		1