# Haochang Chen

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/572627/publications.pdf

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| 12 | 259 | 1307594 | 1474206 |
|---|---|---|---|
| papers | citations | 7 | 9 |
| | | h-index | g-index |

| 12 | 12 | 12 | 275 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | 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 |
| 2 | 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 |
| 3 | 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 |
| 4 | 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 |
| 5 | Combining Time of Flight and Photometric Stereo Imaging for 3D Reconstruction of Discontinuous Scenes. Optics Letters, 2021, 46, 3612-3615. | 3.3 | 7 |
| 6 | Multi-channel high-linearity time-to-digital converters in 20 nm and 28 nm FPGAs for LiDAR applications. , 2020, , . | | 3 |
| 7 | 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 |
| 8 | 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 |
| 9 | Multispectral time-of-flight imaging using light-emitting diodes. Optics Express, 2019, 27, 35485. | 3.4 | 12 |
| 10 | Hyperspectral Imaging Under Low Illumination with a Single Photon Camera. , 2018, , . | | 1 |
| 11 | A 192Ã—128 Time Correlated Single Photon Counting Imager in 40nm CMOS Technology. , 2018, , . | | 19 |
| 12 | 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 |