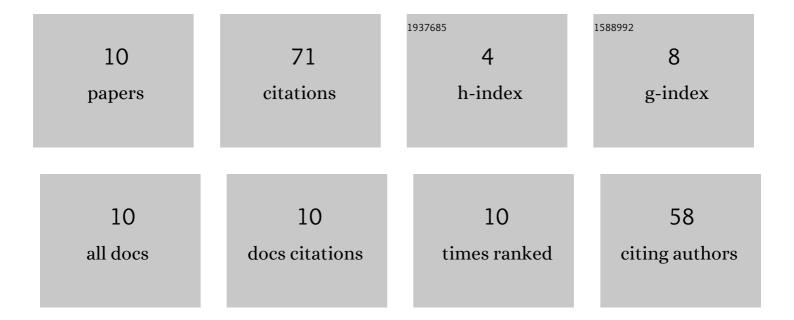
Chen Cao

List of Publications by Year in descending order

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| # | Article | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Signal-to-Noise Ratio Enhancement in Cardiac Pulse Measurements Using Multitap CMOS Image Sensors With In-Pixel Temporal Redundant Samplings. IEEE Transactions on Electron Devices, 2022, 69, 2851-2857. | 3.0 | 1 |
| 2 | A Dual NIR-Band Lock-In Pixel CMOS Image Sensor With Device Optimizations for Remote Physiological Monitoring. IEEE Transactions on Electron Devices, 2021, 68, 1688-1693. | 3.0 | 5 |
| 3 | A Time-Resolved NIR Lock-In Pixel CMOS Image Sensor With Background Cancelling Capability for Remote Heart Rate Detection. IEEE Journal of Solid-State Circuits, 2019, 54, 978-991. | 5.4 | 7 |
| 4 | 3. Topic (2) Lock-in Pixel Based CMOS Image Sensors. Kyokai Joho Imeji Zasshi/Journal of the Institute of Image Information and Television Engineers, 2019, 73, 247-251. | 0.1 | 0 |
| 5 | A Two-Tap NIR Lock-in Pixel CMOS Image Sensor with Background Light Cancelling Capability for Non-Contact Heart Rate Detection. , 2018, , . | | 4 |
| 6 | Measurement of charge transfer potential barrier in pinned photodiode CMOS image sensors. Journal of Semiconductors, 2016, 37, 054007. | 3.7 | 5 |
| 7 | An Improved Model for the Full Well Capacity in Pinned Photodiode CMOS Image Sensors. IEEE Journal of the Electron Devices Society, 2015, 3, 306-310. | 2.1 | 30 |
| 8 | Photoelectric characteristics of an inverse U-shape buried doping design for crosstalk suppression in pinned photodiodes. Journal of Semiconductors, 2014, 35, 114009. | 3.7 | 3 |
| 9 | A quantum efficiency analytical model for complementary metal—oxide—semiconductor image pixels with a pinned photodiode structure. Chinese Physics B, 2014, 23, 124215. | 1.4 | 3 |
| 10 | Pinch-off voltage modeling for CMOS image pixels with a pinned photodiode structure. Journal of Semiconductors, 2014, 35, 074012. | 3.7 | 13 |