

Zhong, Xiaopeng

List of Publications by Year in descending order

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papers

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10
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138
citing authors

#	ARTICLE	IF	CITATIONS
1	An Optical and Temperature Assisted CMOS ISFET Sensor Array for Robust E. Coli Detection. IEEE Transactions on Biomedical Circuits and Systems, 2021, 15, 497-508.	4.0	13
2	A Fully Dynamic Multi-Mode CMOS Vision Sensor With Mixed-Signal Cooperative Motion Sensing and Object Segmentation for Adaptive Edge Computing. IEEE Journal of Solid-State Circuits, 2020, , 1-14.	5.4	19
3	A 191 mV/pH Sensitivity and 2219 FPS Frame Rate CMOS Ion Image Sensor. , 2020, , .		5
4	A CMOS Multi-Sensor Array for High Accuracy On-Chip Bacterial Growth Monitoring. , 2020, , .		3
5	A High Offset Distribution Tolerance High Resolution ISFET Array with Auto-Compensation for Long-Term Bacterial Metabolism Monitoring. IEEE Transactions on Biomedical Circuits and Systems, 2020, 14, 1-1.	4.0	10
6	Design of Sub-Gigahertz Reconfigurable RF Energy Harvester From $\hat{\sim}22$ to 4 dBm With 99.8% Peak MPPT Power Efficiency. IEEE Journal of Solid-State Circuits, 2019, 54, 2601-2613.	5.4	55
7	A Low-Power Compression-Based CMOS Image Sensor With Microshift-Guided SAR ADC. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 1350-1354.	3.0	8
8	A low-offset dynamic comparator with area-efficient and low-power offset cancellation. , 2017, , .		6
9	A background subtraction based column-parallel analog-to-information converter for motion-triggered vision sensor. , 2016, , .		1
10	Wide dynamic range PSD algorithms and their implementation for compressive imaging. , 2016, , .		3