

Khondker Zakir Ahmed

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	A Single-Chip Image Sensor Node With Energy Harvesting From a CMOS Pixel Array. IEEE Transactions on Circuits and Systems I: Regular Papers, 2017, 64, 2295-2307.	5.4	11
2	Reconfigurable 96Å–128 active pixel sensor with $2.1\hat{\mu}W/mm^2$ power generation and regulated multi-domain power delivery for self-powered imaging. , 2016, , .		1
3	A 190 nA Bias Current 10 mV Input Multistage Boost Regulator With Intermediate-Node Control to Supply RF Blocks in Self-Powered Wireless Sensors. IEEE Transactions on Power Electronics, 2016, 31, 1322-1333.	7.9	10
4	Negative Gate Transconductance in Gate/Source Overlapped Heterojunction Tunnel FET and Application to Single Transistor Phase Encoder. IEEE Electron Device Letters, 2015, 36, 201-203.	3.9	13
5	Post-Silicon Characterization and On-Line Prediction of Transient Thermal Field in Integrated Circuits Using Thermal System Identification. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2014, 4, 37-45.	2.5	3
6	A Wide Conversion Ratio, Extended Input $3.5\hat{I}4A$ Boost Regulator With 82% Efficiency for Low-Voltage Energy Harvesting. IEEE Transactions on Power Electronics, 2014, 29, 4776-4786.	7.9	25
7	Design and implementation of PFM mode high efficiency boost regulator. Analog Integrated Circuits and Signal Processing, 2012, 71, 349-358.	1.4	3
8	Analysis of efficiency optimization for PFM mode switching DC-DC boost regulator. , 2008, , .		5