

R Jacob Baker

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7086610/publications.pdf>

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13
papers

47
citations

2681738

2
h-index

2917219

2
g-index

13
all docs

13
docs citations

13
times ranked

40
citing authors

#	ARTICLE	IF	CITATIONS
1	Improved SPICE modeling and analysis of a thermoelectric module. , 2015, , .		10
2	Concise thermal to electrical parameters extraction of thermoelectric generator for spice modeling. , 2015, , .		8
3	A passive 2 nd -order sigma-delta modulator for low-power analog-to-digital conversion. , 2014, , .		6
4	Volume and concentration identification by using an electrowetting on dielectric device. , 2014, , .		5
5	A compact 1200ÅV, 700ÅA, IGBT-based pulse generator for repetitive transcranial magnetic stimulation in vivo laboratory experiments on small animals. Review of Scientific Instruments, 2021, 92, 084710.	0.6	5
6	A low-power switched-capacitor passive sigma-delta modulator. , 2015, , .		3
7	Buffer sizing of concentrated photovoltaic batteries: An economic analysis. , 2015, , .		3
8	Computer vision assisted measurement of the displacements of a bimorph piezoelectric cantilever beam. , 2015, , .		2
9	Design and analysis of a feedback time difference amplifier with linear and programmable gain. Analog Integrated Circuits and Signal Processing, 2018, 94, 357-367.	0.9	2
10	A Current-Mode Photon Counting Circuit for Long- Range LiDAR Applications. , 2020, , .		2
11	An FPGA based passive k-delta-1-sigma modulator. , 2015, , .		1
12	Precise EWOD top plate positioning using inverse Preisach model based hysteresis compensation. , 2015, , .		0
13	LTspice model of a solar thermoelectric generation system. , 2016, , .		0