

Piotr Z Wiczorek

List of Publications by Year in descending order

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all docs

23
docs citations

23
times ranked

273
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-Metastability Time-Competitive True Random Number Generator. IEEE Transactions on Circuits and Systems I: Regular Papers, 2014, 61, 134-145.	5.4	67
2	True Random Number Generator Based on Flip-Flop Resolve Time Instability Boosted by Random Chaotic Source. IEEE Transactions on Circuits and Systems I: Regular Papers, 2018, 65, 1279-1292.	5.4	40
3	An FPGA Implementation of the Resolve Time-Based True Random Number Generator With Quality Control. IEEE Transactions on Circuits and Systems I: Regular Papers, 2014, 61, 3450-3459.	5.4	39
4	Lightweight TRNG Based on Multiphase Timing of Bistables. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 1043-1054.	5.4	20
5	Dual-Metastability FPGA-based true random number generator. Electronics Letters, 2013, 49, 744-745.	1.0	18
6	A High Sensitivity Preamplifier for Quartz Tuning Forks in QEPAS (Quartz Enhanced PhotoAcoustic) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50	3.8	17
7	Front-End Amplifiers for Tuning Forks in Quartz Enhanced PhotoAcoustic Spectroscopy. Applied Sciences (Switzerland), 2020, 10, 2947.	2.5	16
8	Chaos-Based Physical Unclonable Functions. Applied Sciences (Switzerland), 2019, 9, 991.	2.5	15
9	Improving the Signal to Noise Ratio of QTF Preamplifiers Dedicated for QEPAS Applications. Applied Sciences (Switzerland), 2020, 10, 4105.	2.5	6
10	A method of concentration estimation of trienes, tetraenes, and pentaenes in evening primrose oil. European Journal of Lipid Science and Technology, 2011, 113, 592-596.	1.5	4
11	Metastability occurrence based physical unclonable functions for FPGAs. Electronics Letters, 2014, 50, 281-283.	1.0	4
12	Impaired right ventricle function as predictor of early mortality in patients with light-chain cardiac amyloidosis assessed in the cardiology department. Polish Archives of Internal Medicine, 2017, 127, 854-864.	0.4	4
13	Measuring and minimizing interrupt latency in Linux-based embedded systems. Proceedings of SPIE, 2012, , .	0.8	3
14	<title></title>Electrical properties of potentiometric sensors: an empirical study</title>. Proceedings of SPIE, 2007, , .	0.8	2
15	An empirical study of transient responses of potentiometric ion sensors. , 2008, , .		2
16	True random number generator resistant to frequency injection attacks. Electronics Letters, 2015, 51, 384-386.	1.0	2
17	Secure TRNG with random phase stimulation. , 2017, , .		1
18	<title>Precise low-current source for sub-nanosecond pulse measurements</title>. , 2006, 6159, 703.		0

#	ARTICLE	IF	CITATIONS
19	<title>Measurement system for thermal drift of propagation time in fast pulse circuits</title>. , 2006, , .		0
20	<title>Low-cost fast ramp circuit for sampling oscilloscope</title>. , 2006, , .		0
21	<title>Statistical method of evaluation of flip-flop dynamical parameters</title>. , 2007, 6937, 331.		0
22	Data acquisition system for ion-selective potentiometric sensors. Proceedings of SPIE, 2009, , .	0.8	0
23	Influence of radiation on metastability-based TRNG. Proceedings of SPIE, 2017, , .	0.8	0