

Piotr Z Wiczorek

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

260
citations

1163117

8
h-index

996975

15
g-index

23
all docs

23
docs citations

23
times ranked

273
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Front-End Amplifiers for Tuning Forks in Quartz Enhanced PhotoAcoustic Spectroscopy. Applied Sciences (Switzerland), 2020, 10, 2947. | 2.5 | 16 |
| 2 | Improving the Signal to Noise Ratio of QTF Preamplifiers Dedicated for QEPAS Applications. Applied Sciences (Switzerland), 2020, 10, 4105. | 2.5 | 6 |
| 3 | Chaos-Based Physical Unclonable Functions. Applied Sciences (Switzerland), 2019, 9, 991. | 2.5 | 15 |
| 4 | 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 |
| 5 | A High Sensitivity Preamplifier for Quartz Tuning Forks in QEPAS (Quartz Enhanced PhotoAcoustic) Tj ETQq1 1 0.784314 rgBT/Overlocl | 3.8 | 17 |
| 6 | Secure TRNG with random phase stimulation. , 2017, , . | | 1 |
| 7 | Influence of radiation on metastability-based TRNG. Proceedings of SPIE, 2017, , . | 0.8 | 0 |
| 8 | 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 |
| 9 | Lightweight TRNG Based on Multiphase Timing of Bistables. IEEE Transactions on Circuits and Systems I: Regular Papers, 2016, 63, 1043-1054. | 5.4 | 20 |
| 10 | True random number generator resistant to frequency injection attacks. Electronics Letters, 2015, 51, 384-386. | 1.0 | 2 |
| 11 | Metastability occurrence based physical unclonable functions for FPGAs. Electronics Letters, 2014, 50, 281-283. | 1.0 | 4 |
| 12 | Dual-Metastability Time-Competitive True Random Number Generator. IEEE Transactions on Circuits and Systems I: Regular Papers, 2014, 61, 134-145. | 5.4 | 67 |
| 13 | 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 |
| 14 | Dualâ€metastability FPGAâ€based true random number generator. Electronics Letters, 2013, 49, 744-745. | 1.0 | 18 |
| 15 | Measuring and minimizing interrupt latency in Linux-based embedded systems. Proceedings of SPIE, 2012, , . | 0.8 | 3 |
| 16 | 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 |
| 17 | Data acquisition system for ion-selective potentiometric sensors. Proceedings of SPIE, 2009, , . | 0.8 | 0 |
| 18 | An empirical study of transient responses of potentiometric ion sensors. , 2008, , . | | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | <title>Statistical method of evaluation of flip-flop dynamical parameters</title>. , 2007, 6937, 331. | | 0 |
| 20 | <title>Electrical properties of potentiometric sensors: an empirical study</title>. Proceedings of SPIE, 2007, , . | 0.8 | 2 |
| 21 | <title>Precise low-current source for sub-nanosecond pulse measurements</title>. , 2006, 6159, 703. | | 0 |
| 22 | <title>Measurement system for thermal drift of propagation time in fast pulse circuits</title>. , 2006, , . | | 0 |
| 23 | <title>Low-cost fast ramp circuit for sampling oscilloscope</title>. , 2006, , . | | 0 |