

# Marek Zieliński

## List of Publications by Year in descending order

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Version: 2024-02-01

21  
papers

198  
citations

933447

10  
h-index

1058476

14  
g-index

21  
all docs

21  
docs citations

21  
times ranked

129  
citing authors

#	ARTICLE	IF	CITATIONS
1	High-resolution time-interval measuring system implemented in single FPGA device. Measurement: Journal of the International Measurement Confederation, 2004, 35, 311-317.	5.0	45
2	Time-of-flight repeller circuit application in laser ablation experiment. Surface and Coatings Technology, 2009, 203, 2328-2332.	4.8	20
3	Real-time multichannel scaler measurement of oscillator instabilities. Review of Scientific Instruments, 2000, 71, 2577-2581.	1.3	16
4	Three-photon ionization of Ca. Journal of Physics B: Atomic, Molecular and Optical Physics, 1998, 31, 2259-2278.	1.5	15
5	The plasma phenomena in three-photon ionization of Ca. Journal Physics D: Applied Physics, 2000, 33, 41-53.	2.8	13
6	Ultrasonic Flow Measurement with High Resolution. Metrology and Measurement Systems, 2014, 21, 305-316.	1.4	12
7	Fast, real-time multichannel scaler, construction and applications. Review of Scientific Instruments, 1996, 67, 3325-3331.	1.3	11
8	The new method of calculation sum and difference histogram for quantized data. Measurement: Journal of the International Measurement Confederation, 2009, 42, 1388-1394.	5.0	11
9	Comparison of Interpolators Used for Time-Interval Measurement Systems Based on Multiple-Tapped Delay Line. Metrology and Measurement Systems, 2017, 24, 401-412.	1.4	11
10	HIGH RESOLUTION TIME-INTERVAL MEASUREMENT SYSTEMS APPLIED TO FLOW MEASUREMENT. Metrology and Measurement Systems, 2014, 21, 77-84.	1.4	10
11	Counting errors in a real-time multichannel scaler. Review of Scientific Instruments, 1998, 69, 299-305.	1.3	8
12	Multiple-tapped-delay-line hardware-linearisation technique based on wire load regulation. Measurement: Journal of the International Measurement Confederation, 2016, 92, 103-113.	5.0	7
13	Distribution Measurements of Radii of Droplets Forming an Explosively Generated Water-Spray Cloud. Metrology and Measurement Systems, 2010, 17, .	1.4	6
14	Quantization Error in Time-to-Digital Converters. Metrology and Measurement Systems, 2012, 19, .	1.4	4
15	A High-Speed Fully Digital Phase-Synchronizer Implemented in a Field Programmable Gate Array Device. Metrology and Measurement Systems, 2017, 24, 537-550.	1.4	3
16	A Sub-Channel method for the time-intervals histogram calculation. , 2015, , .		2
17	Non-invasive TDC based temperature method for the local interconnects properties identification. , 2016, , .		2
18	Reply to "Comment on "Modular digital boxcar for applications in pulsed laser spectroscopy" [Rev. Sci. Instrum. 66, 3507 (1995)]. Review of Scientific Instruments, 1996, 67, 3765-3765.	1.3	1

#	ARTICLE	IF	CITATIONS
19	Digital gated single-particle counting system, the errors analysis. IEEE Transactions on Instrumentation and Measurement, 2000, 49, 1069-1076.	4.7	1
20	Correction of the counting losses of a real-time multichannel-scaler for a very high intensity of particle flux. Measurement: Journal of the International Measurement Confederation, 2000, 28, 225-233.	5.0	0
21	Review of selected algorithms in the method energy evening algorithm in wireless sensor network. , 2014, , .		0