

Krzysztof Tomczyk

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

160
citations

1307594

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1281871

11
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45
all docs

45
docs citations

45
times ranked

114
citing authors

#	ARTICLE	IF	CITATIONS
1	Procedure Proposal for Minimising the Dynamic Error of Second-Order Sensors. <i>Sensors</i> , 2022, 22, 1901.	3.8	2
2	Assessment of measurement uncertainties for energy signals stimulating the selected NiTi alloys during the wire electrical discharge machining. <i>Precision Engineering</i> , 2022, 76, 133-140.	3.4	7
3	Procedure for the extended calibration of temperature sensors. <i>Measurement: Journal of the International Measurement Confederation</i> , 2022, 196, 111239.	5.0	3
4	Application of Identification Reference Nets for the Preliminary Modeling on the Example of Electrical Machines. <i>Energies</i> , 2021, 14, 3091.	3.1	0
5	Procedure proposal for establishing the class of dynamic accuracy for measurement sensors using simulation signals with one constraint. <i>Measurement: Journal of the International Measurement Confederation</i> , 2021, 178, 109367.	5.0	6
6	Procedure for the Accurate Modelling of Ring Induction Motors. <i>Energies</i> , 2021, 14, 5469.	3.1	2
7	Special functions for the extended calibration of charge-mode accelerometers. <i>Precision Engineering</i> , 2021, 71, 153-169.	3.4	1
8	Analysis of the Accelerometer Input–Output Energy Distribution Based on the Upper Bound of Absolute Dynamic Error. <i>Energies</i> , 2020, 13, 5816.	3.1	0
9	Procedure for Determining the Uncertainties in the Modeling of Surface Roughness in the Turning of NiTi Alloys Using the Monte Carlo Method. <i>Materials</i> , 2020, 13, 4338.	2.9	6
10	Monte Carlo-Based Procedure for Determining the Maximum Energy at the Output of Accelerometers. <i>Energies</i> , 2020, 13, 1552.	3.1	8
11	Application of the Monte Carlo Method for Parametric Identification of Accelerometers in the Frequency Domain. , 2020, 24, 31-38.	0.1	0
12	Radial Basis Functions Intended to Determine the Upper Bound of Absolute Dynamic Error at the Output of Voltage-Mode Accelerometers. <i>Sensors</i> , 2019, 19, 4154.	3.8	11
13	Assessment of Convergence of the Algorithm for Determining the Upper Bound of Dynamic Error on the Example of Acceleration Sensors. , 2019, , .		1
14	Influence of Monte Carlo generations applied for modelling of measuring instruments on maximum distance error. <i>Transactions of the Institute of Measurement and Control</i> , 2019, 41, 74-84.	1.7	11
15	Frequency Components of Signals Producing the Upper Bound of Absolute Error Generated by the Charge Output Accelerometers. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 351-359.	0.4	0
16	Polynomial Approximation of the Maximum Dynamic Error Generated by Measurement Systems. <i>Przegląd Elektrotechniczny</i> , 2019, 1, 126-129.	0.2	2
17	New algorithm for determining the dynamic error for the integral-square criterion. <i>Journal of Physics: Conference Series</i> , 2018, 1065, 082001.	0.4	2
18	Analysis of the error generated by the voltage output accelerometer using the optimal structure of an artificial neural network. , 2018, , .		6

#	ARTICLE	IF	CITATIONS
19	Optimal Dynamic Error Formula for Charge Output Accelerometer Obtained by the Neural Network. , 2018, , .		5
20	Impact of the reference model on the values of maximum dynamic error. , 2018, , .		1
21	Usage of structural optimization algorithm of neural nets in problems of data classification. , 2017, , .		0
22	Energy density for signals maximizing the integral-square error. Measurement: Journal of the International Measurement Confederation, 2016, 90, 224-232.	5.0	6
23	Impact of uncertainties in accelerometer modeling on the maximum values of absolute dynamic error. Measurement: Journal of the International Measurement Confederation, 2016, 80, 71-78.	5.0	15
24	Problems in Modelling Charge Output Accelerometers. Metrology and Measurement Systems, 2016, 23, 645-659.	1.4	5
25	Signal Transforms in Dynamic Measurements. Studies in Systems, Decision and Control, 2015, , .	1.0	5
26	Accelerometer errors in the measurement of dynamic signals. Measurement: Journal of the International Measurement Confederation, 2015, 60, 292-298.	5.0	17
27	Convolution and Deconvolution. Studies in Systems, Decision and Control, 2015, , 169-188.	1.0	2
28	Classification and Parameters of Signals. Studies in Systems, Decision and Control, 2015, , 1-19.	1.0	0
29	Hilbert Transform. Studies in Systems, Decision and Control, 2015, , 107-116.	1.0	3
30	Special signals in the calibration of systems for measuring dynamic quantities. Measurement: Journal of the International Measurement Confederation, 2014, 49, 148-152.	5.0	11
31	Calibration of Measuring Systems Based on Maximum Dynamic Error. , 2012, , .		1
32	Procedure for Correction of the ECG Signal Error Introduced By Skin-Electrode Interface. Metrology and Measurement Systems, 2011, 18, .	1.4	7
33	Measurements, Modelling and Simulation of Dynamic Systems. , 2010, , .		12
34	Mapping Error. , 2010, , 127-150.		0
35	Model Development. , 2010, , 83-126.		2