

Adam WoÅ¹niak

List of Publications by Year in descending order

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all docs

41
docs citations

41
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236
citing authors

#	ARTICLE	IF	CITATIONS
1	Metrological feasibilities of CMM touch trigger probes. Part I: 3D theoretical model of probe pretravel. <i>Measurement: Journal of the International Measurement Confederation</i> , 2003, 34, 273-286.	5.0	64
2	Metrological feasibilities of CMM touch trigger probes. <i>Measurement: Journal of the International Measurement Confederation</i> , 2003, 34, 287-299.	5.0	45
3	Influence of measured objects parameters on CMM touch trigger probe accuracy of probing. <i>Precision Engineering</i> , 2005, 29, 290-297.	3.4	33
4	CMM touch trigger probes testing using a reference axis. <i>Precision Engineering</i> , 2005, 29, 281-289.	3.4	31
5	Stylus tip envelop method: corrected measured point determination in high definition coordinate metrology. <i>International Journal of Advanced Manufacturing Technology</i> , 2009, 42, 505-514.	3.0	28
6	Simple master artefact for CMM dynamic error identification. <i>Precision Engineering</i> , 2014, 38, 64-70.	3.4	26
7	Novel CMM-based implementation of the multi-step method for the separation of machine and probe errors. <i>Precision Engineering</i> , 2011, 35, 318-328.	3.4	25
8	Factors Influencing Probing Accuracy of a Coordinate Measuring Machine. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2005, 54, 2540-2548.	4.7	20
9	A new threshold selection method for X-ray computed tomography for dimensional metrology. <i>Precision Engineering</i> , 2017, 50, 449-454.	3.4	19
10	New Method for Testing the Dynamic Performance of CMM Scanning Probes. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2007, 56, 2767-2774.	4.7	18
11	A robust method for probe tip radius correction in coordinate metrology. <i>Measurement Science and Technology</i> , 2012, 23, 025001.	2.6	18
12	Mechanical model of errors of probes for numerical controlled machine tools. <i>Measurement: Journal of the International Measurement Confederation</i> , 2016, 77, 317-326.	5.0	18
13	Machine tool probes testing using a moving inner hemispherical master artefact. <i>Precision Engineering</i> , 2014, 38, 421-427.	3.4	16
14	A new method for examining the dynamic performance of coordinate measuring machines. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 134, 814-819.	5.0	13
15	Variable speed compensation method of errors of probes for CNC machine tools. <i>Precision Engineering</i> , 2017, 49, 316-321.	3.4	11
16	Measurement hysteresis of touch-trigger probes for CNC machine tools. <i>Measurement: Journal of the International Measurement Confederation</i> , 2020, 156, 107568.	5.0	11
17	Reduced configuration set for the multi-step method applied to machine and probe error separation on a CMM. <i>Measurement: Journal of the International Measurement Confederation</i> , 2012, 45, 2321-2329.	5.0	10
18	Surface probing simulator for the evaluation of CMM probe radius correction software. <i>International Journal of Advanced Manufacturing Technology</i> , 2011, 55, 307-315.	3.0	9

#	ARTICLE	IF	CITATIONS
19	The use of low density high accuracy (LDHA) data for correction of high density low accuracy (HDLA) point cloud. Optics and Lasers in Engineering, 2016, 81, 140-150.	3.8	9
20	Three-dimensional modeling of coordinate measuring machines probing accuracy and settings using fuzzy knowledge bases: Application to TP6 and TP200 triggering probes. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2012, 26, 425-441.	1.1	7
21	Wireless communication influence on CNC machine tool probe metrological parameters. International Journal of Advanced Manufacturing Technology, 2016, 82, 535-542.	3.0	6
22	Discontinuity check of scanning in coordinate metrology. Measurement: Journal of the International Measurement Confederation, 2015, 59, 284-289.	5.0	5
23	Proximity weighted correction of high density high uncertainty (HDHU) point cloud using low density low uncertainty (LDLU) reference point coordinates. Optics and Lasers in Engineering, 2015, 68, 160-165.	3.8	4
24	New method of testing of the repeatability of CMM articulating heads. International Journal of Advanced Manufacturing Technology, 2011, 56, 677-682.	3.0	3
25	Random and Systematic Errors Share in Total Error of Probes for CNC Machine Tools. Journal of Manufacturing and Materials Processing, 2018, 2, 17.	2.2	3
26	The share of the probe errors in on-machine measurements. Precision Engineering, 2022, 75, 111-119.	3.4	3
27	Study of the repeatability of the magnetic joint in the probes used in coordinate measuring machines. International Journal of Advanced Manufacturing Technology, 2010, 47, 1209-1216.	3.0	2
28	Accuracy of X-ray computed tomography for dimensional metrology with employment of a new threshold selection method. Journal of X-Ray Science and Technology, 2018, 26, 833-841.	1.0	2
29	Methods for verifying the dimensional and material properties on industrial CT scanners according to VDI / VDE 2630 Blatt 1.3.. Advances in Intelligent Systems and Computing, 2016, , 341-346.	0.6	2
30	Systematic errors of measurements on a measuring arm equipped with a laser scanner on the results of optical measurements. Advances in Intelligent Systems and Computing, 2016, , 355-360.	0.6	2
31	Measurement of the growth of children at weekly intervals. Review of Scientific Instruments, 2019, 90, 024103.	1.3	1
32	Influence of Measurement Parameters Settings on the Results of the CT Measurement. Advances in Intelligent Systems and Computing, 2018, , 607-612.	0.6	1
33	Application of Coordinate Measuring Arm for Accurate Measurement of Child Growth. Measurement Science Review, 2018, 18, 201-206.	1.0	1
34	Proposed Use of Monte Carlo Simulated Images to Evaluate the Accuracy of Measurements on X-Ray Computed Tomography. Measurement Science Review, 2018, 18, 251-255.	1.0	1
35	CMM Dynamic Properties of the Scanning Measurement of a 2D Profile. International Journal of Automation Technology, 2015, 9, 530-533.	1.0	1
36	COMPENSATION OF SYSTEMATIC ERRORS OF DAMAGED PROBE FOR ON-MACHINE MEASUREMENT. Journal of Machine Engineering, 2018, Vol.18, 89-95.	1.8	1

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37	Mechatronics in monitoring, simulation, and diagnostics of industrial and biological processes. Proceedings of SPIE, 2013, , .	0.8	0
38	Interferometric Set-Up for Measuring Thermal Deformations of Precision Construction Elements. Metrology and Measurement Systems, 2017, 24, 241-254.	1.4	0
39	Measurement of the growth of children at weekly intervals: Results. Review of Scientific Instruments, 2021, 92, 024104.	1.3	0
40	Master artifacts for testing the performance of probes for CNC machine tools. Advances in Intelligent Systems and Computing, 2016, , 323-328.	0.6	0
41	On-machine and In-laboratory Investigation of Errors of Probes for CNC Machine Tools. Lecture Notes in Networks and Systems, 2019, , 433-439.	0.7	0