

Adam Gäska

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

244
citations

1040056

9
h-index

940533

16
g-index

18
all docs

18
docs citations

18
times ranked

224
citing authors

#	ARTICLE	IF	CITATIONS
1	Applicability Assessment of Different Materials for Standards Ensuring Comparability of Optical and Tactile Coordinate Measurements. <i>Materials</i> , 2022, 15, 4128.	2.9	1
2	Assessment of Background Illumination Influence on Accuracy of Measurements Performed on Optical Coordinate Measuring Machine Equipped with Video Probe. <i>Sensors</i> , 2021, 21, 2509.	3.8	3
3	Development of a Coordinate Measuring Machine-Based Inspection Planning System for Industry 4.0. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 8411.	2.5	5
4	Simple method for articulated arm coordinate measuring machines task-specific accuracy assessment. <i>Measurement: Sensors</i> , 2021, 18, 100158.	1.7	1
5	Method for Accuracy Assessment of the Length Measurement Unit of Laser Tracking Systems. <i>Applied Sciences (Switzerland)</i> , 2021, 11, 9335.	2.5	1
6	Simulation model for uncertainty estimation of measurements performed on five-axis measuring systems. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 104, 4685-4696.	3.0	8
7	Comparison of accuracy of virtual articulated arm coordinate measuring machine based on different metrological models. <i>Measurement: Journal of the International Measurement Confederation</i> , 2019, 133, 262-270.	5.0	12
8	Assessment of Influence of Sample Averaging on Accuracy of Point Coordinates Measurement Performed Using Laser Tracking Systems. <i>Advances in Science and Technology Research Journal</i> , 2019, 13, 94-99.	0.8	1
9	Selection of Optimal Path Control Algorithms for Probe Heads Used on Five-Axis Measuring Systems. <i>Applied Sciences (Switzerland)</i> , 2018, 8, 2455.	2.5	4
10	Challenges for Modeling of Five-Axis Coordinate Measuring Systems. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 803.	2.5	11
11	Simulation Model for Correction and Modeling of Probe Head Errors in Five-Axis Coordinate Systems. <i>Applied Sciences (Switzerland)</i> , 2016, 6, 144.	2.5	17
12	Determination of the uncertainty of the measurements performed by coordinate measuring machines. <i>TM Technisches Messen</i> , 2015, 82, 329-338.	0.7	9
13	A structure's deflection measurement and monitoring system supported by a vision system. <i>TM Technisches Messen</i> , 2014, 81, 635-643.	0.7	14
14	Modeling of the residual kinematic errors of coordinate measuring machines using LaserTracer system. <i>International Journal of Advanced Manufacturing Technology</i> , 2014, 73, 497-507.	3.0	27
15	Development of a vision based deflection measurement system and its accuracy assessment. <i>Measurement: Journal of the International Measurement Confederation</i> , 2013, 46, 1237-1249.	5.0	60
16	Modeling and identification of errors of coordinate measuring arms with the use of a metrological model. <i>Measurement: Journal of the International Measurement Confederation</i> , 2013, 46, 667-679.	5.0	49
17	Virtual Coordinate Measuring Machine Built Using Lasertracer System and Spherical Standard. <i>Metrology and Measurement Systems</i> , 2013, 20, 77-86.	1.4	14
18	Biometrological Method of Pelvis Measurement and Anatomical Positioning of Endoprosthesis of Hip Joint. <i>Metrology and Measurement Systems</i> , 2013, 20, 17-26.	1.4	7