Adam GÄska

List of Publications by Year
in descending order

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