

# Sabino Mateos Diaz

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

118  
citations

1307594

7  
h-index

1372567

10  
g-index

17  
all docs

17  
docs citations

17  
times ranked

103  
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser scan planning based on visibility analysis and space partitioning techniques. International Journal of Advanced Manufacturing Technology, 2008, 39, 699-715.	3.0	18
2	Automatic determination of bending sequences for sheet metal parts with parallel bends. International Journal of Production Research, 2003, 41, 3273-3299.	7.5	17
3	Influence of surface material on the quality of laser triangulation digitized point clouds for reverse engineering tasks. , 2009, , .		12
4	Influence of Surface Position along the Working Range of Conoscopic Holography Sensors on Dimensional Verification of AISI 316 Wire EDM Machined Surfaces. Sensors, 2014, 14, 4495-4512.	3.8	11
5	Accessibility analysis for automatic inspection in CMMs by using bounding volume hierarchies. International Journal of Production Research, 2008, 46, 5797-5826.	7.5	10
6	Adjustment recommendations of a conoscopic holography sensor for a reliable scanning of surfaces with roughness grades obtained by different processes. Precision Engineering, 2015, 42, 335-345.	3.4	10
7	Times and costs analysis for sheet-metal cutting processes in an integrated CAD/CAM system. International Journal of Production Research, 1998, 36, 1733-1747.	7.5	9
8	Integration of a conoscopic holography sensor on a CMM. , 2012, , .		9
9	Accessibility analysis for star probes in automatic inspection of rotational parts. International Journal of Production Research, 2002, 40, 1493-1523.	7.5	7
10	Methodology for set-up planning automation of turned parts. International Journal of Production Research, 2007, 45, 3917-3947.	7.5	7
11	Influence of part material and sensor adjustment on the quality of digitised point-clouds using conoscopic holography. Precision Engineering, 2015, 42, 42-52.	3.4	4
12	Development of a Virtual Machine for the Sheet Metal Bending Process Simulation for Educational Purposes. Materials Science Forum, 0, 692, 16-23.	0.3	3
13	Measurement and correction of the slope angle of flat surfaces digitized by a conoscopic holography system. Precision Engineering, 2016, 46, 369-376.	3.4	1
14	Design of special tools by CAD/CAM systems. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 1998, 212, 357-371.	2.4	0
15	Accessibility Analysis for Automatic Inspection Using Bounding Volume Hierarchies. , 2006, , .		0
16	Influence of Surface Location within Depth of Field on Measuring by a Conoscopic Holography Sensor Integrated in a Machining Centre. Procedia Engineering, 2015, 132, 832-839.	1.2	0
17	Prevention of Workpiece Form Deviations in CNC Turning Based on Tolerance Specifications. Lecture Notes in Electrical Engineering, 2009, , 623-633.	0.4	0