

Krzysztof Kurc

List of Publications by Year in descending order

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papers

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29
all docs

29
docs citations

29
times ranked

143
citing authors

#	ARTICLE	IF	CITATIONS
1	Robotised Geometric Inspection of Thin-Walled Aerospace Casings. <i>Sensors</i> , 2022, 22, 3457.	3.8	2
2	Automatic Evaluation of the Robotic Production Process for an Aircraft Jet Engine Casing. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 6443.	2.5	1
3	Device for Contact Measurement of Turbine Blade Geometry in Robotic Grinding Process. <i>Sensors</i> , 2020, 20, 7053.	3.8	5
4	Programming of Industrial Robots Using Virtual Reality and Digital Twins. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 486.	2.5	57
5	Mechatronic designing and prototyping of a mobile wheeled robot driven by a microcontroller. <i>Journal of Theoretical and Applied Mechanics</i> , 2020, 58, 127-142.	0.5	1
6	The Use of VR to Analyze the Profitability of the Construction of a Robotized Station. <i>Advances in Manufacturing Science and Technology</i> , 2020, 44, 32-37.	0.3	0
7	Robotic machining in correlation with a 3D scanner. <i>Mechanics and Mechanical Engineering</i> , 2020, 24, 36-41.	0.2	4
8	Non-contact Robotic Measurement of Jet Engine Components with 3D Optical Scanner and UTT Method. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 151-164.	0.4	5
9	Robot-Assisted Quality Inspection of Turbojet Engine Blades. <i>Lecture Notes in Electrical Engineering</i> , 2019, , 337-350.	0.4	2
10	Application of Virtual Reality in Designing and Programming of Robotic Stations. <i>IFIP Advances in Information and Communication Technology</i> , 2019, , 585-593.	0.7	4
11	Application of Virtual Reality in the Training of Operators and Servicing of Robotic Stations. <i>IFIP Advances in Information and Communication Technology</i> , 2019, , 594-603.	0.7	10
12	Modeling the inspection robot with magnetic pressure pad. <i>Mechanics and Mechanical Engineering</i> , 2019, 23, 50-58.	0.2	0
13	Design and dynamic testing of a roller coaster running wheel with a passive vibration damping system. <i>Journal of Vibroengineering</i> , 2018, 20, 1129-1143.	1.0	4
14	Shape deformation of the clinching joints upper sheet. , 2018, , 253-255.	0.1	1
15	Experimental Study of Inconel 718 Surface Treatment by Edge Robotic Deburring with Force Control. <i>Strength of Materials</i> , 2017, 49, 594-604.	0.5	25
16	Robot-operated quality control station based on the UTT method. <i>Open Engineering</i> , 2017, 7, 37-42.	1.6	13
17	Software for the robot-operated inspection station for engine guide vanes taking into consideration the geometric variability of parts. <i>Tehnicki Vjesnik</i> , 2017, 24, .	0.2	9
18	Robot-operated inspection of aircraft engine turbine rotor guide vane segment geometry. <i>Tehnicki Vjesnik</i> , 2017, 24, .	0.2	7

#	ARTICLE	IF	CITATIONS
19	MONITORING THE PARAMETERS OF THE ROBOT-OPERATED QUALITY CONTROL PROCESS. Advances in Science and Technology Research Journal, 2017, 11, 232-236.	0.8	13
20	Mobile crawler robot vibration analysis in the contexts of motion speed selection. Journal of Vibroengineering, 2017, 19, 2403-2412.	1.0	3
21	Optimization of Process Parameters of Edge Robotic Deburring with Force Control. International Journal of Applied Mechanics and Engineering, 2016, 21, 987-995.	0.7	12
22	The application of virtual prototyping methods to determine the dynamic parameters of mobile robot. Open Engineering, 2016, 6, .	1.6	9
23	Determination of Dynamic Parameters for Underwater Robots with Crawler Drives. Applied Mechanics and Materials, 2016, 817, 130-139.	0.2	3
24	Verification hybrid control of a wheeled mobile robot and manipulator. Open Engineering, 2016, 6, .	1.6	2
25	Design, Modelling and Laboratory Testing of a Pipe Inspection Robot. Archive of Mechanical Engineering, 2015, 62, 395-408.	0.7	11
26	Mobile Inspection Robot. Applied Mechanics and Materials, 2013, 319, 385-392.	0.2	2
27	The Project of Tank Inspection Robot. Key Engineering Materials, 2012, 518, 375-383.	0.4	9