# Krzysztof Kurc

## List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/3240662/publications.pdf

Version: 2024-02-01

| 27 | 219 | 1040056 9 | 1058476 14 |
|---|---|---|---|
| papers | citations | h-index | g-index |

| 29 | 29 | 29 | 143 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Programming of Industrial Robots Using Virtual Reality and Digital Twins. Applied Sciences (Switzerland), 2020, 10, 486. | 2.5 | 57 |
| 2 | Experimental Study of Inconel 718 Surface Treatment by Edge Robotic Deburring with Force Control. Strength of Materials, 2017, 49, 594-604. | 0.5 | 25 |
| 3 | Robot-operated quality control station based on the UTT method. Open Engineering, 2017, 7, 37-42. | 1.6 | 13 |
| 4 | MONITORING THE PARAMETERS OF THE ROBOT-OPERATED QUALITY CONTROL PROCESS. Advances in Science and Technology Research Journal, 2017, 11, 232-236. | 0.8 | 13 |
| 5 | 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 |
| 6 | Design, Modelling and Laboratory Testing of a Pipe Inspection Robot. Archive of Mechanical Engineering, 2015, 62, 395-408. | 0.7 | 11 |
| 7 | Application of Virtual Reality in the Training of Operators and Servicing of Robotic Stations. IFIP Advances in Information and Communication Technology, 2019, , 594-603. | 0.7 | 10 |
| 8 | The Project of Tank Inspection Robot. Key Engineering Materials, 2012, 518, 375-383. | 0.4 | 9 |
| 9 | The application of virtual prototyping methods to determine the dynamic parameters of mobile robot. Open Engineering, 2016, 6, . | 1.6 | 9 |
| 10 | Software for the robot-operated inspection station for engine guide vanes taking into consideration the geometric variability of parts. Tehnicki Vjesnik, 2017, 24, . | 0.2 | 9 |
| 11 | Robot-operated inspection of aircraft engine turbine rotor guide vane segment geometry. Tehnicki Vjesnik, 2017, 24, . | 0.2 | 7 |
| 12 | Non-contact Robotic Measurement of Jet Engine Components with 3D Optical Scanner and UTT Method. Lecture Notes in Electrical Engineering, 2019, , 151-164. | 0.4 | 5 |
| 13 | Device for Contact Measurement of Turbine Blade Geometry in Robotic Grinding Process. Sensors, 2020, 20, 7053. | 3.8 | 5 |
| 14 | Application of Virtual Reality in Designing and Programming of Robotic Stations. IFIP Advances in Information and Communication Technology, 2019, , 585-593. | 0.7 | 4 |
| 15 | Design and dynamic testing of a roller coaster running wheel with a passive vibration damping system. Journal of Vibroengineering, 2018, 20, 1129-1143. | 1.0 | 4 |
| 16 | Robotic machining in correlation with a 3D scanner. Mechanics and Mechanical Engineering, 2020, 24, 36-41. | 0.2 | 4 |
| 17 | Determination of Dynamic Parameters for Underwater Robots with Crawler Drives. Applied Mechanics and Materials, 2016, 817, 130-139. | 0.2 | 3 |
| 18 | Mobile crawler robot vibration analysis in the contexts of motion speed selection. Journal of Vibroengineering, 2017, 19, 2403-2412. | 1.0 | 3 |

| # | Article | IF | Citations |
|---|---|---|---|
| 19 | Mobile Inspection Robot. Applied Mechanics and Materials, 2013, 319, 385-392. | 0.2 | 2 |
| 20 | Verification hybrid control of a wheeled mobile robot and manipulator. Open Engineering, 2016, 6, . | 1.6 | 2 |
| 21 | Robot-Assisted Quality Inspection of Turbojet Engine Blades. Lecture Notes in Electrical Engineering, 2019, , 337-350. | 0.4 | 2 |
| 22 | Robotised Geometric Inspection of Thin-Walled Aerospace Casings. Sensors, 2022, 22, 3457. | 3.8 | 2 |
| 23 | Shape deformation of the clinching joints upper sheet. , 2018, , 253-255. | 0.1 | 1 |
| 24 | Mechatronic designing and prototyping of a mobile wheeled robot driven by a microcontroller. Journal of Theoretical and Applied Mechanics, 2020, 58, 127-142. | 0.5 | 1 |
| 25 | Automatic Evaluation of the Robotic Production Process for an Aircraft Jet Engine Casing. Applied Sciences (Switzerland), 2022, 12, 6443. | 2.5 | 1 |
| 26 | Modeling the inspection robot with magnetic pressure pad. Mechanics and Mechanical Engineering, 2019, 23, 50-58. | 0.2 | 0 |
| 27 | The Use of VR to Analyze the Profitability of the Construction of a Robotized Station. Advances in Manufacturing Science and Technology, 2020, 44, 32-37. | 0.3 | 0 |