# Milos Damjanovic, University Of Belgrade

List of Publications by Year
in descending order



| 75 | 888 | 516710 | 526287 |
|---|---|---|---|
| papers | citations | 16 h-index | 27 g-index |

| 86 | 86 | 86 | 680 |
|---|---|---|---|
| all docs | docs citations | times ranked | citing authors |

| # | Article | IF | Citations |
|---|---|---|---|
| 1 | Organization of big metrology data within the Cyber-Physical Manufacturing Metrology Model (CPM3). CIRP Journal of Manufacturing Science and Technology, 2022, 36, 90-99. | 4.5 | 5 |
| 2 | Industry 4.0 in Serbia: State of development. Serbian Journal of Management, 2022, 17, 5-14. | 0.9 | 1 |
| 3 | Contribution to the development of a digital twin based on CMM to support the inspection process. Measurement: Sensors, 2022, 22, 100372. | 1.7 | 5 |
| 4 | Optimal cutting parameter specification of newly designed milling tools based on the frequency monitoring. International Journal of Advanced Manufacturing Technology, 2021, 115, 777-794. | 3.0 | 6 |
| 5 | Toward a cyber-physical manufacturing metrology model for industry 4.0. Artificial Intelligence for Engineering Design, Analysis and Manufacturing: AIEDAM, 2021, 35, 20-36. | 1.1 | 7 |
| 6 | Development of a Coordinate Measuring Machineâ€"Based Inspection Planning System for Industry 4.0. Applied Sciences (Switzerland), 2021, 11, 8411. | 2.5 | 5 |
| 7 | An approach to development of the digital inspection twin based on CMM. Measurement: Sensors, 2021, 18, 100300. | 1.7 | 2 |
| 8 | Industry 4.0 and their application in medicine and dentistry, as well as the fight against the COVID-19 pandemic. Tehnika, 2021, 76, 509-520. | 0.2 | 0 |
| 9 | Method for Accuracy Assessment of the Length Measurement Unit of Laser Tracking Systems. Applied Sciences (Switzerland), 2021, 11, 9335. | 2.5 | 1 |
| 10 | Digital Manufacturing as a basis for the development of the Industry 4.0 model. Procedia CIRP, 2021, 104, 1867-1872. | 1.9 | 6 |
| 11 | Innovative Methods for Small Mixed Batches Production System Improvement: The Case of a Bakery Machine Manufacturer. Sustainability, 2020, 12, 6266. | 3.2 | 22 |
| 12 | Assessing Industry 4.0 Readiness in Manufacturing Companies from Serbia. Lecture Notes in Mechanical Engineering, 2020, , 69-79. | 0.4 | 6 |
| 13 | ERP in Industry 4.0 Context. IFIP Advances in Information and Communication Technology, 2020, , 287-294. | 0.7 | 7 |
| 14 | An Approach of Development Smart Manufacturing Metrology Model as Support Industry 4.0. Lecture Notes in Mechanical Engineering, 2020, , 190-204. | 0.4 | 0 |
| 15 | Building of Internet of Things Model for Cyber-Physical Manufacturing Metrology Model (CPM3). Procedia CIRP, 2019, 81, 862-867. | 1.9 | 9 |
| 16 | Industry 4.0 Programs Worldwide. Lecture Notes in Mechanical Engineering, 2019, , 78-99. | 0.4 | 13 |
| 17 | Advanced Manufacturing Metrology in Context of Industry 4.0 Model. Lecture Notes in Mechanical Engineering, 2019, , 1-11. | 0.4 | 9 |
| 18 | Robust model-based control of multistage manufacturing processes. CIRP Annals - Manufacturing Technology, 2019, 68, 479-482. | 3.6 | 5 |

| # | Article | IF | Citations |
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| 19 | An Intelligent Inspection Planning System for Prismatic Parts on CMMs. , 2019, , . | | 8 |
| 20 | Data Driven Root Cause Analyses in Multistage Manufacturing Utilising Life Cycle Wide Product Information. Tehnicki Vjesnik, 2019, 26, . | 0.2 | 0 |
| 21 | Risk Model for Integrated Management System. Tehnicki Vjesnik, 2019, 26, . | 0.2 | 5 |
| 22 | Study of Cutting Tool Durability at a Short-Term Discontinuous Turning Test. Lecture Notes in Mechanical Engineering, 2019, , 493-501. | 0.4 | 4 |
| 23 | Experiment, Results and Concluding Remarks. , 2019, , 115-139. | | 0 |
| 24 | Ontological Knowledge Base for Integrating Geometry and Tolerance of PMPs. , 2019, , 33-54. | | 0 |
| 25 | The Model of Probe Configuration and Setup Planning for Inspection of PMPs Based on GA. , 2019, , 75-93. | | 0 |
| 26 | Exploring the Impact of Industry 4.0 Concepts on Energy and Environmental Management Systems: Evidence from Serbian Manufacturing Companies. IFIP Advances in Information and Communication Technology, 2019, , 355-362. | 0.7 | 2 |
| 27 | Novel design approach for the creation of 3D geometrical model of personalized bone scaffold. CIRP Annals - Manufacturing Technology, 2018, 67, 177-180. | 3.6 | 8 |
| 28 | Cyber-Physical Manufacturing Metrology Model (CPM3) â€“ Big Data Analytics Issue. Procedia CIRP, 2018, 72, 503-508. | 1.9 | 9 |
| 29 | Reverse Engineering of Turbine Blades Kaplanâ€™s type for Small Hydroelectric Power Station. Procedia CIRP, 2018, 75, 379-384. | 1.9 | 14 |
| 30 | How to Increase Share of Product-Related Services in Revenue? Strategy Towards Servitization. IFIP Advances in Information and Communication Technology, 2018, , 57-64. | 0.7 | 7 |
| 31 | Optimization of AA5083 Friction Stir Welding Parameters Using Taguchi Method. Tehnicki Vjesnik, 2018, 25, . | 0.2 | 6 |
| 32 | Cyber-Physical Manufacturing in Context of Industry 4.0 Model. Lecture Notes in Mechanical Engineering, 2018, , 227-238. | 0.4 | 8 |
| 33 | Superficial Hardening in Orthogonal Cutting. Procedia CIRP, 2017, 62, 215-220. | 1.9 | 2 |
| 34 | The Effect of Industry 4.0 Concepts and E-learning on Manufacturing Firm Performance: Evidence from Transitional Economy. IFIP Advances in Information and Communication Technology, 2017, , 298-305. | 0.7 | 22 |
| 35 | Cyber-Physical Manufacturing Metrology Model (CPM 3 ) for Sculptured Surfaces â€“ Turbine Blade Application. Procedia CIRP, 2017, 63, 658-663. | 1.9 | 25 |
| 36 | On Superficial Hardness in Complex Cutting Process. Procedia CIRP, 2017, 58, 590-595. | 1.9 | 0 |

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| 37 | Cyber-Physical Manufacturing Systems (CPMS). Lecture Notes in Mechanical Engineering, 2017, , 199-214. | 0.4 | 11 |
| 38 | An Advanced CAI Model for Inspection Planning on CMM. Lecture Notes in Mechanical Engineering, 2017, , 57-65. | 0.4 | 1 |
| 39 | Multistage manufacturing process control robust to inaccurate knowledge about process noise. CIRP Annals - Manufacturing Technology, 2017, 66, 437-440. | 3.6 | 13 |
| 40 | Examination of scanner precision by analysing orthodontic parameters. Balkan Journal of Dental Medicine, 2017, 21, 32-43. | 0.2 | 1 |
| 41 | Recognition of one Class of Quadrics from 3D Point Clouds. Procedia CIRP, 2016, 57, 292-297. | 1.9 | 3 |
| 42 | Virtual Optimisation of CAI Process Parameters for the Sculptured Surface Inspection. Procedia CIRP, 2016, 57, 574-579. | 1.9 | 7 |
| 43 | Intelligent Optimization for Sculptured Surface CNC Tool-paths. Procedia CIRP, 2016, 55, 140-145. | 1.9 | 2 |
| 44 | Ants Colony Optimisation of a Measuring Path of Prismatic Parts on a CMM. Metrology and Measurement Systems, 2016, 23, 119-132. | 1.4 | 29 |
| 45 | Towards an intelligent approach for CMM inspection planning of prismatic parts. Measurement: Journal of the International Measurement Confederation, 2016, 92, 326-339. | 5.0 | 55 |
| 46 | An approach to TQM evaluation in pharma business. TQM Journal, 2016, 28, 745-759. | 3.3 | 17 |
| 47 | An Intelligent, Integrated, Problem-Independent Method for Multiresponse Process Optimisation. , 2016, , 65-164. | | 1 |
| 48 | Discussion and Future Research. , 2016, , 261-283. | | 0 |
| 49 | Advanced Multiresponse Process Optimisation. , 2016, , . | | 15 |
| 50 | From IMS and six sigma toward TQM: an empirical study from Serbia. TQM Journal, 2015, 27, 341-355. | 3.3 | 12 |
| 51 | Development of a knowledge base for the planning of prismatic parts inspection on CMM. Acta IMEKO (2012), 2015, 4, 10. | 0.7 | 14 |
| 52 | CAI Model for Prismatic Parts in Digital Manufacturing. Procedia CIRP, 2014, 25, 27-32. | 1.9 | 14 |
| 53 | Modelling and optimisation of laser shock peening using an integrated simulated annealing-based method. International Journal of Advanced Manufacturing Technology, 2014, 73, 1141-1158. | 3.0 | 23 |
| 54 | 10.5937/fmet1403249s = Developing engineering ontology for domain coordinate metrology. FME Transactions, 2014, 42, 249-255. | 1.4 | 28 |

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| 55 | Quality Improvement Using Taguchiâ€™s Model: â€“ A Casy Study from Serbia. Economics and Business, 2014, 24, 94. | 0.5 | 0 |
| 56 | Reverse engineering of human bones by using method of anatomical features. CIRP Annals - Manufacturing Technology, 2013, 62, 167-170. | 3.6 | 37 |
| 57 | Impact analysis of the implemented quality management system on business performances in pharmaceutical-chemical industry in Serbia. Hemijska Industrija, 2013, 67, 535-546. | 0.7 | 0 |
| 58 | An integrated approach to optimise parameter design of multi-response processes based on Taguchi method and artificial intelligence. Journal of Intelligent Manufacturing, 2012, 23, 1511-1528. | 7.3 | 107 |
| 59 | An integrated simulated annealing-based method for robust multiresponse process optimisation. International Journal of Advanced Manufacturing Technology, 2012, 59, 1227-1244. | 3.0 | 66 |
| 60 | Application of the Advanced Quality Improvement Techniques: Case Study. International Federation for Information Processing, 2012, , 181-189. | 0.4 | 5 |
| 61 | An intelligent approach to robust multi-response process design. International Journal of Production Research, 2011, 49, 5079-5097. | 7.5 | 25 |
| 62 | The Development of Business Standardization and Integrated Management Systems. Journal of Medical Biochemistry, 2011, 30, 334-345. | 1.7 | 7 |
| 63 | Multi-response design of Nd:YAG laser drilling of Ni-based superalloy sheets using Taguchiâ€™s quality loss function, multivariate statistical methods and artificial intelligence. International Journal of Advanced Manufacturing Technology, 2011, 54, 537-552. | 3.0 | 55 |
| 64 | Quality Managersâ€™ Estimates of Quality Management Principles Application in Certified Organisations in Transitional Conditions - Is Serbia Close to TQM?. Strojniski Vestnik/Journal of Mechanical Engineering, 2011, 57, 851-861. | 1.1 | 5 |
| 65 | Taguchi-Based and Intelligent Optimisation of a Multi-Response Process Using Historical Data. Strojniski Vestnik/Journal of Mechanical Engineering, 2011, 57, 357-365. | 1.1 | 10 |
| 66 | The Measurement System Analysis as a Performance Improvement Catalyst:A Case Study. , 2010, , 269-292. | | 9 |
| 67 | Multi-response optimisation of thermosonic copper wire-bonding process with correlated responses. International Journal of Advanced Manufacturing Technology, 2009, 42, 363-371. | 3.0 | 25 |
| 68 | Model developed for the assessment of quality management level in manufacturing systems. The TQM Journal, 2006, 18, 410-423. | 0.8 | 21 |
| 69 | Accredited laboratory as the model for quality improvement in organization. Journal of Medical Biochemistry, 2006, 25, 1-9. | 0.1 | 1 |
| 70 | Developing Knowledge Based System for Assessment of Business Excellence. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2003, 36, 285-290. | 0.4 | 0 |
| 71 | Learning in an expert system for maintenance in flexible manufacturing systems. Computers in Industry, 1991, 17, 279-285. | 9.9 | 1 |
| 72 | IFIP TC 5/WG 5.3 working conference on computer integrated quality system in CIM systems. Computers in Industry, 1990, 14, 373-383. | 9.9 | 0 |

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| 73 | Expert systems for diagnosis and maintenance: The state-of-the-art. Computers in Industry, 1990, 15, 43-68. | 9.9 | 17 |
| 74 | Expert systems for maintenance in the CIM concept. Computers in Industry, 1990, 15, 83-93. | 9.9 | 8 |
| 75 | Report on the IFIP WG 5.3 working conference on diagnostics and preventive maintenance strategies in manufacturing systems. Computers in Industry, 1987, 9, 369-373. | 9.9 | 0 |