

Rodic, D

List of Publications by Year in descending order

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15
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305
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Application of fuzzy logic and regression analysis for modeling surface roughness in face milling. Journal of Intelligent Manufacturing, 2013, 24, 755-762. | 7.3 | 116 |
| 2 | Using the temperature method for the prediction of tool life in sustainable production. Measurement: Journal of the International Measurement Confederation, 2019, 133, 320-327. | 5.0 | 27 |
| 3 | Investigation of cutting and specific cutting energy in turning of POM-C using a PCD tool: Analysis and some optimization aspects. Journal of Cleaner Production, 2021, 303, 127043. | 9.3 | 24 |
| 4 | Comparison of artificial neural network, fuzzy logic and genetic algorithm for cutting temperature and surface roughness prediction during the face milling process. Advances in Production Engineering and Management, 2020, 15, 137-150. | 1.2 | 21 |
| 5 | Application of an Adaptive "Neuro-Fuzzy" Inference System in Modeling Cutting Temperature during Hard Turning. Applied Sciences (Switzerland), 2019, 9, 3739. | 2.5 | 19 |
| 6 | Comparative Characteristics of Ductile Iron and Austempered Ductile Iron Modeled by Neural Network. Materials, 2019, 12, 2864. | 2.9 | 17 |
| 7 | Inverse electro-thermal analysis of the material removal mechanism in electrical discharge machining. International Journal of Advanced Manufacturing Technology, 2018, 97, 1861-1871. | 3.0 | 14 |
| 8 | Application of Fuzzy Logic in the Analysis of Surface Roughness of Thin-Walled Aluminum Parts. International Journal of Precision Engineering and Manufacturing, 2020, 21, 91-102. | 2.2 | 14 |
| 9 | Fuzzy logic and sub-clustering approaches to predict main cutting force in high-pressure jet assisted turning. Journal of Intelligent Manufacturing, 2021, 32, 21-36. | 7.3 | 14 |
| 10 | Fuzzy model-based optimal energy control during the electrical discharge machining. Neural Computing and Applications, 2020, 32, 17011-17026. | 5.6 | 8 |
| 11 | Stability analysis of the inverse heat transfer problem in the optimization of the machining process. Applied Thermal Engineering, 2021, 195, 117174. | 6.0 | 6 |
| 12 | Investigation an assisting electrode powder mixed electrical discharge machining of nonconductive ceramic. International Journal of Advanced Manufacturing Technology, 2022, 118, 2419-2435. | 3.0 | 4 |
| 13 | An Experimental Analysis of Cutting Quality in Plasma Arc Machining. Advanced Technologies & Materials, 2020, 45, 1-8. | 0.1 | 3 |
| 14 | Application of Neuro-Fuzzy Systems for Modeling Surface Roughness Parameters for Difficult-to-Cut-Steel. Solid State Phenomena, 0, 261, 277-284. | 0.3 | 1 |
| 15 | Monitoring and neural network modeling of cutting temperature during turning hard steel. Thermal Science, 2018, 22, 2605-2614. | 1.1 | 0 |