

# Rodic, D

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2288004/publications.pdf>

Version: 2024-02-01

15  
papers

288  
citations

1040056

9  
h-index

1125743

13  
g-index

16  
all docs

16  
docs citations

16  
times ranked

305  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
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	Stability analysis of the inverse heat transfer problem in the optimization of the machining process. Applied Thermal Engineering, 2021, 195, 117174.	6.0	6
5	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
6	Fuzzy model-based optimal energy control during the electrical discharge machining. Neural Computing and Applications, 2020, 32, 17011-17026.	5.6	8
7	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
8	An Experimental Analysis of Cutting Quality in Plasma Arc Machining. Advanced Technologies & Materials, 2020, 45, 1-8.	0.1	3
9	Application of an Adaptive "Neuro-Fuzzy" Inference System in Modeling Cutting Temperature during Hard Turning. Applied Sciences (Switzerland), 2019, 9, 3739.	2.5	19
10	Comparative Characteristics of Ductile Iron and Austempered Ductile Iron Modeled by Neural Network. Materials, 2019, 12, 2864.	2.9	17
11	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
12	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
13	Monitoring and neural network modeling of cutting temperature during turning hard steel. Thermal Science, 2018, 22, 2605-2614.	1.1	0
14	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
15	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