

Ramezan Ali Mahdavinejad

List of Publications by Year in descending order

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16
papers

360
citations

1040056

9
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

336
citing authors

#	ARTICLE	IF	CITATIONS
1	Arc-Erosion Behavior of W/Zr/Cu Electrical Contact Materials Prepared by Functionally Graded Composite Technique. <i>Metals and Materials International</i> , 2021, 27, 4730-4741.	3.4	8
2	Fabrication and experimental investigation of arc erosion behavior in W/Cu functionally graded composites. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2021, 235, 394-405.	2.4	10
3	Superior advance research in the electro-discharge machining of Ti alloys: Review. <i>International Journal of Scientific Research in Mechanical and Materials Engineering</i> , 2019, , 19-38.	0.0	4
4	A novel method towards approximation of the temperature distribution in electric discharge machining of Ti-6Al-4V by up-scaling approach. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 96, 503-520.	3.0	7
5	Prediction of temperature and HAZ in thermal-based processes with Gaussian heat source by a hybrid GA-ANN model. <i>Optics and Laser Technology</i> , 2018, 99, 363-373.	4.6	20
6	Surface hardness improvement in surface grinding process using combined Taguchi method and regression analysis. <i>Journal of Advanced Mechanical Design, Systems and Manufacturing</i> , 2018, 12, JAMDSM0049-JAMDSM0049.	0.7	5
7	Investigation of the ultrasonic vibration effect in incremental sheet metal forming process. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2017, 231, 971-982.	2.4	41
8	A comparative investigation on temperature distribution in electric discharge machining process through analytical, numerical and experimental methods. <i>International Journal of Machine Tools and Manufacture</i> , 2017, 114, 35-53.	13.4	56
9	Comparative Study on Electrical Discharge Machining of Ultrafine-Grain Al, Cu, and Steel. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2016, 47, 6237-6247.	2.2	4
10	Investigation and optimization of properties of sintered iron/recycled grey cast iron powder metallurgy parts. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2015, 229, 1010-1020.	2.4	7
11	Investigation of green properties of iron/jet-milled grey cast iron compacts by response surface method. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2014, 228, 493-503.	2.4	10
12	Production of Wire From AA7277 Aluminum Chips via Friction-Stir Extrusion (FSE). <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2014, 45, 1484-1489.	2.1	39
13	Optimization of milling parameters using artificial neural network and artificial immune system. <i>Journal of Mechanical Science and Technology</i> , 2012, 26, 4097-4104.	1.5	32
14	Investigation of the influential parameters of machining of AISI 304 stainless steel. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2011, 36, 963-970.	1.3	34
15	On the application of electrochemical machining for inner surface polishing of gun barrel chamber. <i>Journal of Materials Processing Technology</i> , 2008, 202, 307-315.	6.3	36
16	Finite element analysis of machine and workpiece instability in turning. <i>International Journal of Machine Tools and Manufacture</i> , 2005, 45, 753-760.	13.4	47