

# Ramezan Ali Mahdavinejad

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1786707/publications.pdf>

Version: 2024-02-01

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