

Mohammad Pervez Mughal

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

274
citations

1163117

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h-index

1372567

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10
docs citations

10
times ranked

287
citing authors

#	ARTICLE	IF	CITATIONS
1	On the Investigation of Surface Integrity of Ti6Al4V ELI Using Si-Mixed Electric Discharge Machining. <i>Materials</i> , 2020, 13, 1549.	2.9	55
2	Surface modification for osseointegration of Ti6Al4V ELI using powder mixed sinking EDM. <i>Journal of the Mechanical Behavior of Biomedical Materials</i> , 2021, 113, 104145.	3.1	45
3	Effect of machine tool's spindle forced vibrations on surface roughness, dimensional accuracy, and tool wear in vertical milling of AISI P20. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 89, 3671-3679.	3.0	39
4	Investigation of wire electric discharge machining of stainless-clad steel for optimization of cutting speed. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 96, 1429-1443.	3.0	37
5	Optimizing the weld factors affecting ultrasonic welding of thermoplastics. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 103, 2053-2067.	3.0	29
6	An investigation of surface roughness and parametric optimization during wire electric discharge machining of cladded material. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 97, 4065-4079.	3.0	26
7	WEDM of complex profile of IN718: multi-objective GA-based optimization of surface roughness, dimensional deviation, and cutting speed. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 114, 2289-2307.	3.0	18
8	WEDM of Copper for the Fabrication of Large Surface-Area Micro-Channels: A Prerequisite for the High Heat-Transfer Rate. <i>Micromachines</i> , 2020, 11, 173.	2.9	11
9	Milling of Ti-6Al-4V alloy using hybrid geometry tooling. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 105, 5045-5059.	3.0	9
10	Performance evaluation of nano-composite ceramic-coated high-speed steel (HSS) drills in high-speed machining. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 96, 4195-4203.	3.0	5