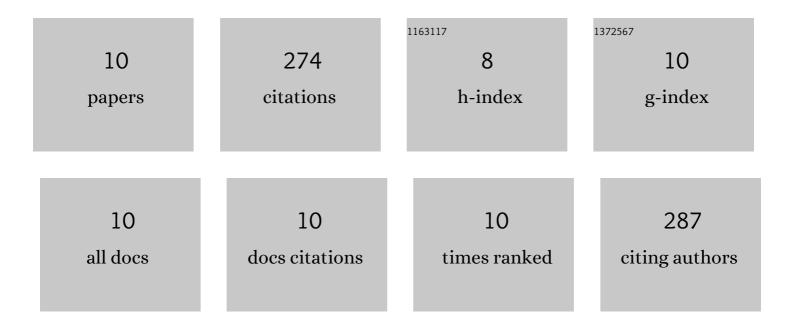
## Mohammad Pervez Mughal

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/10778169/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	On the Investigation of Surface Integrity of Ti6Al4V ELI Using Si-Mixed Electric Discharge Machining. Materials, 2020, 13, 1549.	2.9	55
2	Surface modification for osseointegration of Ti6Al4V ELI using powder mixed sinking EDM. Journal of the Mechanical Behavior of Biomedical Materials, 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. International Journal of Advanced Manufacturing Technology, 2017, 89, 3671-3679.	3.0	39
4	Investigation of wire electric discharge machining of stainless-clad steel for optimization of cutting speed. International Journal of Advanced Manufacturing Technology, 2018, 96, 1429-1443.	3.0	37
5	Optimizing the weld factors affecting ultrasonic welding of thermoplastics. International Journal of Advanced Manufacturing Technology, 2019, 103, 2053-2067.	3.0	29
6	An investigation of surface roughness and parametric optimization during wire electric discharge machining of cladded material. International Journal of Advanced Manufacturing Technology, 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. International Journal of Advanced Manufacturing Technology, 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. Micromachines, 2020, 11, 173.	2.9	11
9	Milling of Ti-6Al-4V alloy using hybrid geometry tooling. International Journal of Advanced Manufacturing Technology, 2019, 105, 5045-5059.	3.0	9
10	Performance evaluation of nano-composite ceramic-coated high-speed steel (HSS) drills in high-speed machining. International Journal of Advanced Manufacturing Technology, 2018, 96, 4195-4203.	3.0	5