

# Muslim Mahardika

## List of Publications by Year in descending order

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23  
papers

404  
citations

932766

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h-index

887659

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g-index

23  
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23  
docs citations

23  
times ranked

298  
citing authors

#	ARTICLE	IF	CITATIONS
1	Accuracy improvement in nanographite powder-suspended dielectric fluid for micro-electrical discharge machining processes. <i>International Journal of Advanced Manufacturing Technology</i> , 2011, 56, 143-149.	1.5	72
2	Application of powder suspended in dielectric fluid for fine finish micro-EDM of Inconel 718. <i>International Journal of Advanced Manufacturing Technology</i> , 2014, 75, 599-613.	1.5	61
3	Effect of low-frequency vibration on workpiece in EDM processes. <i>Journal of Mechanical Science and Technology</i> , 2011, 25, 1231-1234.	0.7	56
4	Study of workpiece vibration in powder-suspended dielectric fluid in micro-EDM processes. <i>International Journal of Precision Engineering and Manufacturing</i> , 2013, 14, 1817-1822.	1.1	40
5	Effect of cold working and sandblasting on the microhardness, tensile strength and corrosion resistance of AISI 316L stainless steel. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2012, 19, 1093-1099.	2.4	24
6	The parameters evaluation and optimization of polycrystalline diamond micro-electrodischarge machining assisted by electrode tool vibration. <i>International Journal of Advanced Manufacturing Technology</i> , 2012, 60, 985-993.	1.5	24
7	A Review on Reinforcement Methods for Polymeric Materials Processed Using Fused Filament Fabrication (FFF). <i>Polymers</i> , 2021, 13, 4022.	2.0	23
8	Micromachining in Powder-Mixed Micro Electrical Discharge Machining. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 3795.	1.3	18
9	Study Effect of nAg Particle Size on the Properties and Antibacterial Characteristics of Polysulfone Membranes. <i>Nanomaterials</i> , 2022, 12, 388.	1.9	17
10	Tensile properties of the FFF-processed thermoplastic polyurethane (TPU) elastomer. <i>International Journal of Advanced Manufacturing Technology</i> , 2021, 117, 1709-1719.	1.5	14
11	Mechanical properties of the FFF sandwich-structured parts made of PLA/TPU multi-material. <i>Progress in Additive Manufacturing</i> , 2022, 7, 1213-1223.	2.5	12
12	Precision machining by discharge pulse counting methods in micro EDM processes. <i>Journal of Mechanical Science and Technology</i> , 2012, 26, 3597-3603.	0.7	10
13	Surface modification of titanium using steel slag ball and shot blasting treatment for biomedical implant applications. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2013, 20, 788-795.	2.4	10
14	UAV long range surveillance system based on BiQuad antenna for the Ground Control Station. , 2016, , .		9
15	Electropolishing Parametric Optimization of Surface Quality for the Fabrication of a Titanium Microchannel Using the Taguchi Method. <i>Machines</i> , 2021, 9, 325.	1.2	7
16	Effect of clearance and punch speed on the cutting surface quality results of a brass blanking on the micropunch CNC machine. <i>AIP Conference Proceedings</i> , 2017, , .	0.3	3
17	Evaluation of quantitative hot cracking criteria. <i>Materials Science and Technology</i> , 2022, 38, 269-280.	0.8	2
18	Effect of Polyvinylpyrrolidone on Polyvinylidene Fluoride/Hydroxyapatite- Blended Nanofiltration Membranes: Characterization and Filtration Properties. <i>Recent Patents on Nanotechnology</i> , 2023, 17, 51-58.	0.7	2

#	ARTICLE	IF	CITATIONS
19	Effect of gating system on porosity and surface roughness of femoral stem in centrifugal casting. AIP Conference Proceedings, 2016, , .	0.3	0
20	Characteristics of Stainless Steel 316L Artificial Lumbar Disk Model Made by Investment Casting. , 2019, , .		0
21	Design of PLC-based Control System for 18650 Lithium-ion Battery Dismantling Machine. IOP Conference Series: Materials Science and Engineering, 2020, 846, 012041.	0.3	0
22	An Investigation on Punching Process of Circular Hole on Commercially Pure Titanium Sheet. , 2018, , .		0
23	A Study Analysis of Micro-Hydro Powerplant (MHPP) Potential from Cooling of Steam Turbine. , 2020, , .		0