

# Muslim Mahardika

## List of Publications by Year in descending order

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papers

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citations

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times ranked

298  
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of Polyvinylpyrrolidone on Polyvinylidene Fluoride/Hydroxyapatite- Blended Nanofiltration Membranes: Characterization and Filtration Properties. Recent Patents on Nanotechnology, 2023, 17, 51-58.	1.3	2
2	Study Effect of nAg Particle Size on the Properties and Antibacterial Characteristics of Polysulfone Membranes. Nanomaterials, 2022, 12, 388.	4.1	17
3	Evaluation of quantitative hot cracking criteria. Materials Science and Technology, 2022, 38, 269-280.	1.6	2
4	Mechanical properties of the FFF sandwich-structured parts made of PLA/TPU multi-material. Progress in Additive Manufacturing, 2022, 7, 1213-1223.	4.8	12
5	Tensile properties of the FFF-processed thermoplastic polyurethane (TPU) elastomer. International Journal of Advanced Manufacturing Technology, 2021, 117, 1709-1719.	3.0	14
6	A Review on Reinforcement Methods for Polymeric Materials Processed Using Fused Filament Fabrication (FFF). Polymers, 2021, 13, 4022.	4.5	23
7	Electropolishing Parametric Optimization of Surface Quality for the Fabrication of a Titanium Microchannel Using the Taguchi Method. Machines, 2021, 9, 325.	2.2	7
8	Design of PLC-based Control System for 18650 Lithium-ion Battery Dismantling Machine. IOP Conference Series: Materials Science and Engineering, 2020, 846, 012041.	0.6	0
9	Micromachining in Powder-Mixed Micro Electrical Discharge Machining. Applied Sciences (Switzerland), 2020, 10, 3795.	2.5	18
10	A Study Analysis of Micro-Hydro Powerplant (MHPP) Potential from Cooling of Steam Turbine. , 2020, , .		0
11	Characteristics of Stainless Steel 316L Artificial Lumbar Disk Model Made by Investment Casting. , 2019, , .		0
12	An Investigation on Punching Process of Circular Hole on Commercially Pure Titanium Sheet. , 2018, , .		0
13	Effect of clearance and punch speed on the cutting surface quality results of a brass blanking on the micropunch CNC machine. AIP Conference Proceedings, 2017, , .	0.4	3
14	Effect of gating system on porosity and surface roughness of femoral stem in centrifugal casting. AIP Conference Proceedings, 2016, , .	0.4	0
15	UAV long range surveillance system based on BiQuad antenna for the Ground Control Station. , 2016, , .		9
16	Application of powder suspended in dielectric fluid for fine finish micro-EDM of Inconel 718. International Journal of Advanced Manufacturing Technology, 2014, 75, 599-613.	3.0	61
17	Study of workpiece vibration in powder-suspended dielectric fluid in micro-EDM processes. International Journal of Precision Engineering and Manufacturing, 2013, 14, 1817-1822.	2.2	40
18	Surface modification of titanium using steel slag ball and shot blasting treatment for biomedical implant applications. International Journal of Minerals, Metallurgy and Materials, 2013, 20, 788-795.	4.9	10

#	ARTICLE	IF	CITATIONS
19	Precision machining by discharge pulse counting methods in micro EDM processes. Journal of Mechanical Science and Technology, 2012, 26, 3597-3603.	1.5	10
20	Effect of cold working and sandblasting on the microhardness, tensile strength and corrosion resistance of AISI 316L stainless steel. International Journal of Minerals, Metallurgy and Materials, 2012, 19, 1093-1099.	4.9	24
21	The parameters evaluation and optimization of polycrystalline diamond micro-electrodischarge machining assisted by electrode tool vibration. International Journal of Advanced Manufacturing Technology, 2012, 60, 985-993.	3.0	24
22	Accuracy improvement in nanographite powder-suspended dielectric fluid for micro-electrical discharge machining processes. International Journal of Advanced Manufacturing Technology, 2011, 56, 143-149.	3.0	72
23	Effect of low-frequency vibration on workpiece in EDM processes. Journal of Mechanical Science and Technology, 2011, 25, 1231-1234.	1.5	56