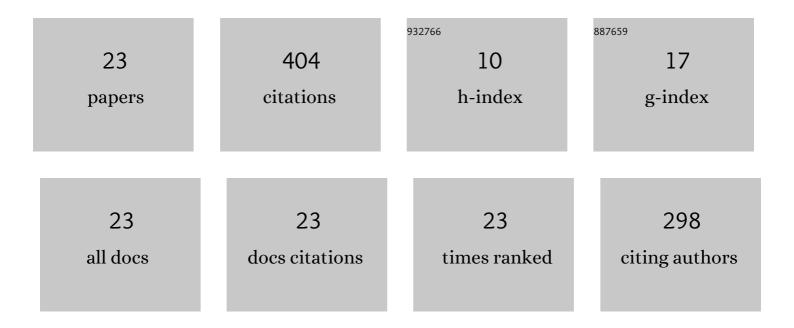
Muslim Mahardika

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/9433431/publications.pdf Version: 2024-02-01



#	Article	IF	CITATIONS
1	Accuracy improvement in nanographite powder-suspended dielectric fluid for micro-electrical discharge machining processes. International Journal of Advanced Manufacturing Technology, 2011, 56, 143-149.	1.5	72
2	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.	1.5	61
3	Effect of low-frequency vibration on workpiece in EDM processes. Journal of Mechanical Science and Technology, 2011, 25, 1231-1234.	0.7	56
4	Study of workpiece vibration in powder-suspended dielectric fluid in micro-EDM processes. International Journal of Precision Engineering and Manufacturing, 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. International Journal of Minerals, Metallurgy and Materials, 2012, 19, 1093-1099.	2.4	24
6	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.	1.5	24
7	A Review on Reinforcement Methods for Polymeric Materials Processed Using Fused Filament Fabrication (FFF). Polymers, 2021, 13, 4022.	2.0	23
8	Micromachining in Powder-Mixed Micro Electrical Discharge Machining. Applied Sciences (Switzerland), 2020, 10, 3795.	1.3	18
9	Study Effect of nAg Particle Size on the Properties and Antibacterial Characteristics of Polysulfone Membranes. Nanomaterials, 2022, 12, 388.	1.9	17
10	Tensile properties of the FFF-processed thermoplastic polyurethane (TPU) elastomer. International Journal of Advanced Manufacturing Technology, 2021, 117, 1709-1719.	1.5	14
11	Mechanical properties of the FFF sandwich-structured parts made of PLA/TPU multi-material. Progress in Additive Manufacturing, 2022, 7, 1213-1223.	2.5	12
12	Precision machining by discharge pulse counting methods in micro EDM processes. Journal of Mechanical Science and Technology, 2012, 26, 3597-3603.	0.7	10
13	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.	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. Machines, 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. AIP Conference Proceedings, 2017, , .	0.3	3
17	Evaluation of quantitative hot cracking criteria. Materials Science and Technology, 2022, 38, 269-280.	0.8	2
18	Effect of Polyvinylpyrrolidone on Polyvinylidene Fluoride/Hydroxyapatite- Blended Nanofiltration Membranes: Characterization and Filtration Properties. Recent Patents on Nanotechnology, 2023, 17, 51-58.	0.7	2

19Effect of gating system on porosity and surface roughness of femoral stem in centrifugal casting. AIP0.3020Characteristics of Stainless Steel 316L Artificial Lumbar Disk Model Made by Investment Casting. , 2019, , .021Design of PLC-based Control System for 18650 Lithium-ion Battery Dismantling Machine. IOP0.30	#	IF CITATIONS
Design of PLC-based Control System for 18650 Lithium-ion Battery Dismantling Machine. IOP	19	v and surface roughness of femoral stem in centrifugal casting. AIP 0.3 0
	20	16L Artificial Lumbar Disk Model Made by Investment Casting. , 2019, 0
	21	
An Investigation on Punching Process of Circular Hole on Commercially Pure Titanium Sheet., 2018,,. 0	22	ess of Circular Hole on Commercially Pure Titanium Sheet. , 2018, , . 0
A Study Analysis of Micro-Hydro Powerplant (MHPP) Potential from Cooling of Steam Turbine. , 2020, ,	23	werplant (MHPP) Potential from Cooling of Steam Turbine. , 2020, , o