Zazuli Mohid

List of Publications by Year
in descending order

37 papers	238 citations	1684188 5 h-index	1199594 12 g-index
39 all docs	39 docs citations	39 times ranked	239 citing authors

#	Article	IF	Citations
1	Experimental Investigation of Minimum Quantity Lubrication (MQL) as a Sustainable Cooling Technique. Procedia CIRP, 2015, 26, 351-354.	1.9	81
2	Experimental Investigation of Supercritical Carbon Dioxide (SCCO2) Performance as a Sustainable Cooling Technique. Procedia CIRP, 2016, 40, 637-641.	1.9	33
3	Thermal-Assisted Machining of Nickel-based Alloy. , 0, , .		11
4	Laser Assisted Machining of Titanium Alloys. Materials Science Forum, 2013, 763, 91-106.	0.3	10
5	Effect of GMAW-CMT Heat Input on Weld Bead Profile Geometry for Freeform Fabrication of Aluminium Parts. Applied Mechanics and Materials, 0, 465-466, 1370-1374.	0.2	9
6	Melted Zone Shapes Transformation in Titanium Alloy Welded Using Pulse Wave Laser. Materials Science Forum, 0, 882, 8-12.	0.3	9
7	Investigation on Laser Assisted Micro Ball Milling of Inconel 718. Applied Mechanics and Materials, 2014, 660, 79-83.	0.2	7
8	Numerical Analysis of Laser Preheating for Laser Assisted Micro Milling of Inconel 718. Applied Mechanics and Materials, 2015, 773-774, 332-336.	0.2	7
9	Tribological Evaluation on Various Formulation of Modified RBD Palm Olein as Sustainable Metalworking Fluids for Machining Process. Materials Science Forum, 0, 882, 13-17.	0.3	6
10	Experimental Study of Helical Milling on CFRP (Carbon Fibre Reinforced Polymer) for the Hole Making Process. Advanced Materials Research, 0, 576, 68-71.	0.3	5
11	Dynamic Analysis of Micro-Milling Machine. Applied Mechanics and Materials, 0, 465-466, 699-703.	0.2	5
12	A prediction of laser spot-to-cutting tool distance in laser assisted micro milling Inconel 718. Advances in Materials and Processing Technologies, 2015, 1, 529-541.	1.4	5
13	Experimental Micromachining of Silicon with Nd-YAG Laser. Applied Mechanics and Materials, 0, 83, 244-248.	0.2	4
14	The Effect of Laser Focal Point Distance on Carbon Fiber Reinforced Plastics (CFRP) Cutting Performance. Applied Mechanics and Materials, 0, 315, 778-782.	0.2	4
15	Performance of Tools Design when Helical Milling on Carbon Fiber Reinforced Plastics (CFRP) Aluminum (Al) Stack. Applied Mechanics and Materials, 0, 465-466, 1075-1079.	0.2	4
16	Dissimilar Materials Laser Welding Characteristics of Stainless Steel and Titanium Alloy. Applied Mechanics and Materials, 0, 465-466, 1060-1064.	0.2	4
17	Numerical Analysis of Laser Heating for Laser Assisted Micro Milling Application. Applied Mechanics and Materials, 0, 465-466, 720-724.	0.2	4
18	Determination of Heat Flux Intensity Distribution and Laser Absorption Rate of AISI D2 Tool Steel. Applied Mechanics and Materials, 0, 465-466, 730-734.	0.2	4

#	Article	IF	Citations
19	Chip pattern, burr and surface roughness in laser assisted micro milling of Ti6Al4V using micro ball end mill. Journal of Mechanical Engineering and Sciences, 2018, 12, 3410-3430.	0.6	4
20	Study on Temperature, Force and Specific Energy of AISI 1020 under MQL Grinding Process. Applied Mechanics and Materials, 0, 465-466, 1119-1123.	0.2	3
21	Hole Making Process of Carbon Fiber Reinforced Polymer (CFRP) Using End Mill Cutting Tool. Advanced Materials Research, 0, 576, 64-67.	0.3	2
22	Melted Zone Characteristics of Laser Welded Titanium Alloy (Ti-6Al-4V) under Different Process Parameters. Applied Mechanics and Materials, 2013, 315, 304-308.	0.2	2
23	Titanium Alloy Welding Using Middle Range Power Pulsed Wave Laser. Applied Mechanics and Materials, 0, 372, 486-490.	0.2	2
24	Laser Assisted Micro-Groove Ball Milling of Ti6Al4V. Applied Mechanics and Materials, 2014, 660, 55-59.	0.2	2
25	Laser Micro Welding of Dissimilar Material of Aluminum and Copper Alloys. Materials Science Forum, 0, 882, 18-22.	0.3	2
26	Performance Evaluation of Sustainable Coolant Techniques on Burnishing Process. IOP Conference Series: Materials Science and Engineering, 2019, 494, 012001.	0.6	2
27	Effect of Burnishing Tool Diameter and Coolant Strategies on Burnishing Performance. Journal of Physics: Conference Series, 2019, 1150, 012070.	0.4	2
28	The Effect of Internal through Coolant on Grinding Performance on AISI1020 Mildsteel. Advanced Materials Research, 0, 576, 87-90.	0.3	1
29	Performance Investigation of Modified Turning Tool Holder for MQL Application. Applied Mechanics and Materials, 0, 465-466, 1114-1118.	0.2	1
30	Effect of Burnishing Tool Radius and Coolant Technique on Burnishing Performance. Journal of Physics: Conference Series, 2019, 1150, 012047.	0.4	1
31	Evaluation of End Mill Geometry When Machining Nickel Based Alloys. Lecture Notes in Mechanical Engineering, 2021, , 289-298.	0.4	1
32	Experimental Evaluation of Carbon Dioxide Gas as a Cryogenic Cooling in Machining Process. Proceedings of International Conference on Leading Edge Manufacturing in 21st Century LEM21, 2017, 2017.9, 171.	0.0	1
33	Wire-cut EDM of SiSiC-preliminary investigation in machining parameter. AIP Conference Proceedings, 2017, , .	0.4	0
34	Wire-cut EDM of SiSiC-preliminary investigation in machining parameter. AIP Conference Proceedings, 2017, , .	0.4	0
35	Research on Relationship between Cutting Conditions and Chip Formation during End Milling of Aluminium Alloy 6061. Materials Science Forum, 2017, 909, 56-60.	0.3	0
36	Effect of End Mill Geometry and Coolant Strategies on Machining Performance of Nickel Based Alloy Inconel 718. Lecture Notes in Mechanical Engineering, 2021, , 311-318.	0.4	0

#	Article	IF	Citations
37	The Effect of Laser Beam Parameters on Welding Quality of Nitinol Alloys. Lecture Notes in Mechanical Engineering, 2021, , 219-227.	0.4	0