Jingsi Wang

List of Publications by Year
in descending order

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		1305906	1181555
16	203	8	14
papers	citations	h-index	g-index

16	16	16	200
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrorheological fluidâ€“assisted ultrasonic polishing for IN625 additively manufactured surfaces. International Journal of Advanced Manufacturing Technology, 2022, 120, 891-905.	1.5	8
2	Simulation and Experimental Study on Material Removal Mechanism and Removal Characters of Ultrasonic Machining. , 2022, , 269-279.		0
3	Recent progress on the application of nanofluids and hybrid nanofluids in machining: a comprehensive review. International Journal of Advanced Manufacturing Technology, 2022, 121, 1455-1481.	1.5	21
4	Investigation of Friction and Wear Behavior of Cast Aluminum Alloy Piston Skirt with Graphite Coating Using a Designed Piston Skirt Test Apparatus. Materials, 2022, 15, 4010.	1.3	3
5	Effect of surface roughness on the fatigue failure and evaluation of TC17 titanium alloy. Materials Science and Technology, 2021, 37, 301-313.	0.8	11
6	Fatigue Life Evaluation Considering Fatigue Reliability and Fatigue Crack for FV520B-I in VHCF Regime Based on Fracture Mechanics. Metals, 2020, 10, 371.	1.0	7
7	Surface modification and functionalization by electrical discharge coating: a comprehensive review. International Journal of Extreme Manufacturing, 2020, 2, 012004.	6.3	47
8	Processing capabilities of micro ultrasonic machining for hard and brittle materials: SPH analysis and experimental verification. Precision Engineering, 2020, 63, 159-169.	1.8	17
9	Material Removal in Ultrasonic Abrasive Polishing of Additive Manufactured Components. Applied Sciences (Switzerland), 2019, 9, 5359.	1.3	26
10	Repair of ultrasonic machining induced surface/subsurface cracks by laser irradiation. Optics and Laser Technology, 2019, 111, 497-508.	2.2	2
11	Smoothed particle hydrodynamics simulation and experimental study of ultrasonic machining. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2018, 232, 1875-1884.	1.5	3
12	Tool wear mechanism and its relation to material removal in ultrasonic machining. Wear, 2018, 394-395, 96-108.	1.5	18
13	Effects of abrasive material and particle shape on machining performance in micro ultrasonic machining. Precision Engineering, 2018, 51, 373-387.	1.8	23
14	Material Removal Mechanism in Micro Ultrasonic Machining. Journal of the Japan Society for Precision Engineering, 2016, 82, 422-425.	0.0	0
15	Using Smoothed Particle Hydrodynamics to Examine Influence of Process Parameters on Ultrasonic Machining. International Journal of Automation Technology, 2014, 8, 855-863.	0.5	2
16	Material Removal During Ultrasonic Machining Using Smoothed Particle Hydrodynamics. International Journal of Automation Technology, 2013, 7, 614-620.	0.5	15