

Jingsi Wang

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

203
citations

1163117

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1058476

14
g-index

16
all docs

16
docs citations

16
times ranked

179
citing authors

#	ARTICLE	IF	CITATIONS
1	Surface modification and functionalization by electrical discharge coating: a comprehensive review. <i>International Journal of Extreme Manufacturing</i> , 2020, 2, 012004.	12.7	47
2	Material Removal in Ultrasonic Abrasive Polishing of Additive Manufactured Components. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5359.	2.5	26
3	Effects of abrasive material and particle shape on machining performance in micro ultrasonic machining. <i>Precision Engineering</i> , 2018, 51, 373-387.	3.4	23
4	Recent progress on the application of nanofluids and hybrid nanofluids in machining: a comprehensive review. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 121, 1455-1481.	3.0	21
5	Tool wear mechanism and its relation to material removal in ultrasonic machining. <i>Wear</i> , 2018, 394-395, 96-108.	3.1	18
6	Processing capabilities of micro ultrasonic machining for hard and brittle materials: SPH analysis and experimental verification. <i>Precision Engineering</i> , 2020, 63, 159-169.	3.4	17
7	Material Removal During Ultrasonic Machining Using Smoothed Particle Hydrodynamics. <i>International Journal of Automation Technology</i> , 2013, 7, 614-620.	1.0	15
8	Effect of surface roughness on the fatigue failure and evaluation of TC17 titanium alloy. <i>Materials Science and Technology</i> , 2021, 37, 301-313.	1.6	11
9	Electrorheological fluid-assisted ultrasonic polishing for IN625 additively manufactured surfaces. <i>International Journal of Advanced Manufacturing Technology</i> , 2022, 120, 891-905.	3.0	8
10	Fatigue Life Evaluation Considering Fatigue Reliability and Fatigue Crack for FV520B-I in VHCF Regime Based on Fracture Mechanics. <i>Metals</i> , 2020, 10, 371.	2.3	7
11	Smoothed particle hydrodynamics simulation and experimental study of ultrasonic machining. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2018, 232, 1875-1884.	2.4	3
12	Investigation of Friction and Wear Behavior of Cast Aluminum Alloy Piston Skirt with Graphite Coating Using a Designed Piston Skirt Test Apparatus. <i>Materials</i> , 2022, 15, 4010.	2.9	3
13	Repair of ultrasonic machining induced surface/subsurface cracks by laser irradiation. <i>Optics and Laser Technology</i> , 2019, 111, 497-508.	4.6	2
14	Using Smoothed Particle Hydrodynamics to Examine Influence of Process Parameters on Ultrasonic Machining. <i>International Journal of Automation Technology</i> , 2014, 8, 855-863.	1.0	2
15	Material Removal Mechanism in Micro Ultrasonic Machining. <i>Journal of the Japan Society for Precision Engineering</i> , 2016, 82, 422-425.	0.1	0
16	Simulation and Experimental Study on Material Removal Mechanism and Removal Characters of Ultrasonic Machining. , 2022, , 269-279.		0