

Pay Jun Liew

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/827391/publications.pdf>

Version: 2024-02-01

22
papers

496
citations

1040056

9
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

421
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Tribological characteristics of electrical discharge coated layers using quarry dust suspension. <i>Surface and Coatings Technology</i> , 2021, 428, 127895.	4.8	3
3	Surface modification of tungsten carbide cobalt by electrical discharge coating with quarry dust suspension. <i>International Journal of Advanced Manufacturing Technology</i> , 2020, 111, 2105-2116.	3.0	9
4	Surface modification and functionalization by electrical discharge coating: a comprehensive review. <i>International Journal of Extreme Manufacturing</i> , 2020, 2, 012004.	12.7	47
5	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
6	Surface modification of tungsten carbide cobalt by electrical discharge coating with quarry dust powder: an optimisation study. <i>Materials Research Express</i> , 2020, 7, 106407.	1.6	5
7	Material Removal in Ultrasonic Abrasive Polishing of Additive Manufactured Components. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 5359.	2.5	26
8	Repair of ultrasonic machining induced surface/subsurface cracks by laser irradiation. <i>Optics and Laser Technology</i> , 2019, 111, 497-508.	4.6	2
9	Micro-electrical Discharge Machining of Hard Brittle Materials. <i>Toxinology</i> , 2018, , 1-32.	0.2	0
10	Micro-electrical Discharge Machining of Hard Brittle Materials. <i>Toxinology</i> , 2018, , 1-32.	0.2	1
11	Experimental investigation of RB-SiC using Cu@CNF composite electrodes in electrical discharge machining. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 98, 3019-3028.	3.0	5
12	Micro-electrical Discharge Machining of Hard Brittle Materials. <i>Micro/Nano Technologies</i> , 2018, , 775-806.	0.1	0
13	An overview of current status of cutting fluids and cooling techniques of turning hard steel. <i>International Journal of Heat and Mass Transfer</i> , 2017, 114, 380-394.	4.8	116
14	Effect of Surfactant on EDM of Low Conductivity Reaction-Bonded Silicon Carbide. <i>Key Engineering Materials</i> , 2016, 701, 107-111.	0.4	2
15	Fabrication of deep micro-holes in reaction-bonded SiC by ultrasonic cavitation assisted micro-EDM. <i>International Journal of Machine Tools and Manufacture</i> , 2014, 76, 13-20.	13.4	112
16	Carbon nanofiber assisted micro electro discharge machining of reaction-bonded silicon carbide. <i>Journal of Materials Processing Technology</i> , 2013, 213, 1076-1087.	6.3	70
17	Experimental investigation on material migration phenomena in micro-EDM of reaction-bonded silicon carbide. <i>Applied Surface Science</i> , 2013, 276, 731-743.	6.1	36
18	Fabrication of Microstructures on RB-SiC by Ultrasonic Cavitation Assisted Micro-Electrical Discharge Machining. <i>International Journal of Automation Technology</i> , 2013, 7, 621-629.	1.0	14

#	ARTICLE	IF	CITATIONS
19	Statistical Approach Optimizing Slant Feed Grinding. Journal of Advanced Mechanical Design, Systems and Manufacturing, 2012, 6, 898-907.	0.7	9
20	3383 Statistical Approach Optimizing Slant Feed Grinding. Proceedings of International Conference on Leading Edge Manufacturing in 21st Century LEM21, 2011, 2011.6, _3383-1_-_3383-6_.	0.0	0
21	3413 Micro-Electrical Discharge Machining of Reaction-Bonded Silicon Carbide(RB-SiC). Proceedings of International Conference on Leading Edge Manufacturing in 21st Century LEM21, 2011, 2011.6, _3413-1_-_3413-6_.	0.0	0
22	Effect of Different Dielectric Fluids on Micro EDM of Low Conductivity Ceramic Material RB-SiC. Advanced Materials Research, 0, 565, 529-534.	0.3	1