

Jiangwen Liu

List of Publications by Year in descending order

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16
papers

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#	ARTICLE	IF	CITATIONS
1	A facile and fast preparation of robust superhydrophobic brass mesh coated with Cu(OH) ₂ nanowires by pulse electrodeposition for continuous highly efficient oil/water separation. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2022, 634, 127968.	4.7	12
2	A Comparison Study of the Friction and Wear Behavior of Nanostructured Al ₂ O ₃ -YSZ Composite Coatings With and Without Nano-MoS ₂ . <i>Journal of Thermal Spray Technology</i> , 2022, 31, 415-428.	3.1	2
3	One-Step Preparation of Robust Superhydrophobic Foam for Oil/Water Separation by Pulse Electrodeposition. <i>Langmuir</i> , 2021, 37, 7043-7054.	3.5	14
4	Facile fabrication and repair of superhydrophobic metal surfaces via electric spark deposition with oil. <i>Surface and Coatings Technology</i> , 2021, 422, 127560.	4.8	4
5	Study of wettability transition on hierarchical structured aluminum cut by wire electric discharge machining. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2021, 627, 127200.	4.7	7
6	Improving the precision of micro-EDM for blind holes in titanium alloy by fixed reference axial compensation. <i>Reviews on Advanced Materials Science</i> , 2021, 60, 771-783.	3.3	1
7	Improving the Machining Quality of Micro Structures by Using Electrophoresis-Assisted Ultrasonic Micromilling Machining. <i>International Journal of Precision Engineering and Manufacturing - Green Technology</i> , 2020, 7, 151-161.	4.9	6
8	Jet Electrochemical Micromachining of Micro-Grooves with Conductive-Masked Porous Cathode. <i>Micromachines</i> , 2020, 11, 557.	2.9	11
9	Electrochemical Discharge Grinding of Metal Matrix Composites Using Shaped Abrasive Tools Formed by Sintered Bronze/diamond. <i>Science and Engineering of Composite Materials</i> , 2020, 27, 346-358.	1.4	5
10	Study on manufacturing quality of micro-ultrasonic machining with force control. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 105, 3137-3146.	3.0	1
11	Influence of MoS ₂ and PTFE in oil film characteristics and tribological performance in EHL point contacts. <i>Tribology - Materials, Surfaces and Interfaces</i> , 2019, 13, 131-149.	1.4	0
12	A Study of the Materials Removal Mechanism of Grinding-Aided Electrochemical Discharge Machining of Metal Matrix Composites. <i>Advanced Composites Letters</i> , 2018, 27, 096369351802700.	1.3	4
13	An analysis of the tool electrode working mechanism of grinding-aided electrochemical discharge machining of MMCs. <i>International Journal of Advanced Manufacturing Technology</i> , 2018, 99, 1369-1378.	3.0	7
14	Effect of pulse frequency on the one-step preparation of superhydrophobic surface by pulse electrodeposition. <i>Applied Surface Science</i> , 2018, 458, 603-611.	6.1	43
15	The tool design and experiments on pulse electrochemical machining of micro channel arrays on metallic bipolar plate using multifunctional cathode. <i>International Journal of Advanced Manufacturing Technology</i> , 2017, 89, 407-416.	3.0	15
16	Modelling and prediction of the effect of cutting strategy on surface generation in ultra-precision raster milling. <i>International Journal of Computer Integrated Manufacturing</i> , 2017, 30, 895-909.	4.6	2