

Yupeng He

List of Publications by Year in descending order

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13
papers

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citations

1163117

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73
citing authors

#	ARTICLE	IF	CITATIONS
1	A review of the techniques for the mold manufacturing of micro/nanostructures for precision glass molding. <i>International Journal of Extreme Manufacturing</i> , 2021, 3, 042002.	12.7	38
2	Generation of high-saturation two-level iridescent structures by vibration-assisted fly cutting. <i>Materials and Design</i> , 2020, 193, 108839.	7.0	27
3	Highly Sensitive P(VDF-TrFE)/BTO Nanofiber-Based Pressure Sensor with Dense Stress Concentration Microstructures. <i>ACS Applied Polymer Materials</i> , 2020, 2, 4399-4404.	4.4	22
4	Annealed high-phosphorus electroless Ni-P coatings for producing molds for precision glass molding. <i>Materials Chemistry and Physics</i> , 2021, 262, 124297.	4.0	15
5	Diffraction manipulation of visible light with submicron structures for structural coloration fabrication. <i>Optics Express</i> , 2021, 29, 9294.	3.4	13
6	Algorithm of Micro-Grooving and Imaging Processing for the Generation of High-Resolution Structural Color Images. <i>Nanomanufacturing and Metrology</i> , 2020, 3, 187-198.	3.0	12
7	Study on new method and mechanism of microcutting-etching of microlens array on 6H-SiC mold by combining single point diamond turning with ion beam etching. <i>Journal of Materials Processing Technology</i> , 2020, 278, 116510.	6.3	11
8	Study on electroless composite plating for an Ni P bond micro diamond wheel. <i>Journal of Materials Processing Technology</i> , 2020, 279, 116561.	6.3	8
9	Effects of relative tool sharpness on surface generation mechanism of precision turning of electroless nickel-phosphorus coating. <i>Journal of Mechanical Science and Technology</i> , 2021, 35, 3113-3121.	1.5	5
10	Three-level nanogrooves by vibration-assisted fly-cutting for diffraction regulation and array output. <i>Optics Letters</i> , 2022, 47, 2730.	3.3	3
11	Study on the Light Field Regulation of UVC-LED Disinfection for Cold Chain Transportation. <i>Applied Sciences (Switzerland)</i> , 2022, 12, 1285.	2.5	2
12	Laser regulation for variable color temperature lighting with low energy consumption by microlens arrays. <i>Applied Optics</i> , 2021, 60, 5652.	1.8	1
13	Aspheric lens processing of chalcogenide glass via combined PGM-SPDT process. <i>International Journal of Advanced Manufacturing Technology</i> , 0, , 1.	3.0	0