XiaYun Shu

List of Publications by Year
in descending order

17 papers	195 citations	1478505 6 h-index	1281871 11 g-index
17 all docs	17 docs citations	17 times ranked	200 citing authors

#	Article	IF	Citations
1	Solvothermal preparation of spherical Bi₂O₃ nanoparticles uniformly distributed on Ti₃C₂T_x for enhanced capacitive performance. Nanoscale Advances, 2021, 3, 5312-5321.	4.6	4
2	Preparation and Properties of Low Melting Point Sn-P-F-O-Matrix Phosphor-in-Glass for white LED. , 2021, , .		0
3	Producing solder droplets using piezoelectric membrane-piston-based jetting technology. Journal of Materials Processing Technology, 2019, 263, 233-240.	6.3	18
4	In Situ Image Acquisition and Measurement of Microdroplets Based on Delay Triggering. Micromachines, 2019, 10, 148.	2.9	4
5	Microforging technique for fabrication of spherical lens array mold. International Journal of Advanced Manufacturing Technology, 2018, 96, 3843-3850.	3.0	6
6	Replication of thermoplastic polymer spherical lens array using microforged molding technique. Optics Express, 2016, 24, 30264.	3.4	11
7	Fabrication of Microglass Nozzle for Microdroplet Jetting. Advances in Mechanical Engineering, 2015, 7, 590849.	1.6	1
8	Design and experimental study on droplet-on-demand jetting system for multi-materials. , 2015, , .		5
9	Rapid fabrication of thermoplastic polymer refractive microlens array using contactless hot embossing technology. Optics Express, 2015, 23, 5154.	3.4	33
10	A new method of robust phosphor glass fabrication and performances for LEDs. , 2015, , .		0
11	High Precision Temperature Control System for an Oven-Controlled Crystal Oscillator. Open Automation and Control Systems Journal, 2015, 7, 1690-1697.	0.9	2
12	Drop-on-demand jetting of piezoelectric diaphragm-piston for fabricating precision solder bumps. , 2014, , .		1
13	Fabrication of polymer micro-lens array with pneumatically diaphragm-driven drop-on-demand inkjet technology. Optics Express, 2012, 20, 15186.	3.4	42
14	Experimental study on high viscosity fluid micro-droplet jetting system. Science China Technological Sciences, 2010, 53, 182-187.	4.0	36
15	Multi-materials drop-on-demand inkjet technology based on pneumatic diaphragm actuator. Science China Technological Sciences, 2010, 53, 1605-1611.	4.0	29
16	Design of a Flexible Stethoscope Sensor Skin Based on MEMS Technology. , 2006, , .		3
17	Design and Experimental Investigation on High Efficient Horizontal Micro Electrical Discharge Machine. Applied Mechanics and Materials, 0, 456, 32-37.	0.2	0