

Yi Shi

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

203
citations

1307594

7
h-index

1199594

12
g-index

12
all docs

12
docs citations

12
times ranked

209
citing authors

#	ARTICLE	IF	CITATIONS
1	High-throughput, in situ imaging of multi-layer powder-blown directed energy deposition with angled nozzle. <i>Review of Scientific Instruments</i> , 2022, 93, 023701.	1.3	1
2	Texturing of metallic surfaces for superhydrophobicity by water jet guided laser micro-machining. <i>Applied Surface Science</i> , 2020, 500, 144286.	6.1	44
3	Surface hardening of metals at room temperature by nanoparticle-laden cavitating waterjets. <i>Journal of Materials Processing Technology</i> , 2020, 275, 116316.	6.3	6
4	Generation of Surfaces With Isotropic and Anisotropic Wetting Properties by Curved Water Jet-Guided Laser Micromachining. <i>Journal of Micro and Nano-Manufacturing</i> , 2020, 8, .	0.7	5
5	Experimental study of water jet incremental micro-forming with supporting dies. <i>Journal of Materials Processing Technology</i> , 2019, 268, 117-131.	6.3	15
6	Multi-scale modeling of mechanical behavior of cured woven textile composites accounting for the influence of yarn angle variation. <i>Composites Part A: Applied Science and Manufacturing</i> , 2019, 124, 105460.	7.6	32
7	An Experimental and Numerical Study of Dieless Water Jet Incremental Microforming. <i>Journal of Manufacturing Science and Engineering, Transactions of the ASME</i> , 2019, 141, .	2.2	4
8	Response of High-Pressure Micro Water Jets to Static and Dynamic Nonuniform Electric Fields. <i>Journal of Micro and Nano-Manufacturing</i> , 2018, 6, .	0.7	5
9	A novel piezoelectrically actuated 2-DoF compliant micro/nano-positioning stage with multi-level amplification. <i>Review of Scientific Instruments</i> , 2016, 87, 105006.	1.3	28
10	Effective forming strategy for double-sided incremental forming considering in-plane curvature and tool direction. <i>CIRP Annals - Manufacturing Technology</i> , 2016, 65, 265-268.	3.6	30
11	Springback Reduction by Annealing for Incremental Sheet Forming. <i>Procedia Manufacturing</i> , 2016, 5, 696-706.	1.9	25
12	Metamodel-based direction guidance system optimization for improving efficiency of aircraft emergency evacuation. <i>Computers and Industrial Engineering</i> , 2016, 91, 302-314.	6.3	8