

# Yi Shi

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2426479/publications.pdf>

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