

Lin Li

List of Publications by Year in descending order

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15
papers

500
citations

840776

11
h-index

996975

15
g-index

15
all docs

15
docs citations

15
times ranked

509
citing authors

#	ARTICLE	IF	CITATIONS
1	Laser-induced backward transfer of conducting aluminum doped zinc oxide to glass for single-step rapid patterning. <i>Journal of Materials Processing Technology</i> , 2020, 275, 116357.	6.3	7
2	High speed, high power density laser-assisted machining of Al-SiC metal matrix composite with significant increase in productivity and surface quality. <i>Journal of Materials Processing Technology</i> , 2020, 285, 116784.	6.3	45
3	Laser Assisted Solution Synthesis of High Performance Graphene Supported Electrocatalysts. <i>Advanced Functional Materials</i> , 2020, 30, 2001756.	14.9	23
4	Tailored laser vector fields for high-precision micro-manufacturing. <i>CIRP Annals - Manufacturing Technology</i> , 2019, 68, 193-196.	3.6	4
5	Ultrasonic material dispensing-based selective laser melting for 3D printing of metallic components and the effect of powder compression. <i>Additive Manufacturing</i> , 2019, 29, 100818.	3.0	12
6	A new analysis workflow for discrimination of nuclear grade graphite using laser-induced breakdown spectroscopy. <i>Journal of Environmental Radioactivity</i> , 2019, 199-200, 45-57.	1.7	9
7	Computational fluid dynamic simulation of gravity and pressure effects in laser metal deposition for potential additive manufacturing in space. <i>International Journal of Heat and Mass Transfer</i> , 2019, 140, 51-65.	4.8	51
8	Effect of water-based ultrasonic vibration on the quality of laser trepanned microholes in nickel super-alloy workpieces. <i>Journal of Materials Processing Technology</i> , 2019, 272, 170-183.	6.3	20
9	Characteristics of 1064nm picosecond laser induced filamentary tracks and damages in sapphire. <i>Optics and Laser Technology</i> , 2019, 116, 232-238.	4.6	7
10	Controlling bacteria retention on polymer via replication of laser micro/nano textured metal mould. <i>Optics and Laser Technology</i> , 2019, 111, 530-536.	4.6	20
11	How did the structural ZnO nanowire as antibacterial coatings control the switchable wettability. <i>Applied Surface Science</i> , 2019, 469, 593-606.	6.1	27
12	Long term superhydrophobic and hybrid superhydrophobic/superhydrophilic surfaces produced by laser surface micro/nano surface structuring. <i>Applied Surface Science</i> , 2019, 466, 808-821.	6.1	38
13	Embedding anti-counterfeiting features in metallic components via multiple material additive manufacturing. <i>Additive Manufacturing</i> , 2018, 24, 1-12.	3.0	47
14	3D printing of multiple metallic materials via modified selective laser melting. <i>CIRP Annals - Manufacturing Technology</i> , 2018, 67, 245-248.	3.6	167
15	Advances in macro-scale laser processing. <i>CIRP Annals - Manufacturing Technology</i> , 2018, 67, 719-742.	3.6	23