

Lin Li

List of Publications by Year in descending order

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Version: 2024-02-01

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