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List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

433
citations

1163117

8
h-index

940533

16
g-index

16
all docs

16
docs citations

16
times ranked

596
citing authors

#	ARTICLE	IF	CITATIONS
1	Towards Laser-Textured Antibacterial Surfaces. Scientific Reports, 2018, 8, 10112.	3.3	185
2	An improved model for nanosecond pulsed laser ablation of metals. Journal of Applied Physics, 2013, 114, .	2.5	64
3	Direct laser interference patterning of stainless steel by ultrashort pulses for antibacterial surfaces. Optics and Laser Technology, 2020, 123, 105954.	4.6	53
4	The effects of hot isostatic pressing (HIP) and solubilization heat treatment on the density, mechanical properties, and microstructure of austenitic stainless steel parts produced by selective laser melting (SLM). International Journal of Advanced Manufacturing Technology, 2020, 107, 109-122.	3.0	44
5	Pulsed laser texturing for improved adhesive-bonded polyethylene (PE) joints. International Journal of Adhesion and Adhesives, 2020, 102, 102676.	2.9	13
6	Long-pulse quasi-CW laser cutting of metals. International Journal of Advanced Manufacturing Technology, 2018, 94, 155-162.	3.0	11
7	Insight into replication effectiveness of laser-textured micro and nanoscale morphology by injection molding. Journal of Manufacturing Processes, 2021, 65, 445-454.	5.9	10
8	Pulsed laser ablation for enhanced liquid spreading. Surface and Coatings Technology, 2019, 360, 358-368.	4.8	8
9	Laser Directed Energy Deposition of Bulk 316L Stainless Steel. Lasers in Manufacturing and Materials Processing, 2020, 7, 426-448.	2.2	8
10	Molecular dynamics model for the antibactericity of textured surfaces. Colloids and Surfaces B: Biointerfaces, 2021, 199, 111504.	5.0	8
11	Influence of ns laser texturing of AISI 316L surfaces for reducing bacterial adhesion. CIRP Annals - Manufacturing Technology, 2020, 69, 529-532.	3.6	7
12	Electrolyte Jet Machining (EJM) of antibacterial surfaces. Precision Engineering, 2021, 70, 145-154.	3.4	6
13	A Modeling Approach for Plastic-Metal Laser Direct Joining. Lasers in Manufacturing and Materials Processing, 2017, 4, 136-151.	2.2	5
14	As-built surface quality and fatigue resistance of Inconel 718 obtained by additive manufacturing. Material Design and Processing Communications, 2021, 3, e228.	0.9	5
15	Surface topography following pulsed laser texturing: Implications for adhesion and wettability. Surface Topography: Metrology and Properties, 2019, 7, 045023.	1.6	4
16	High precision feature detection in laser texturing. Precision Engineering, 2022, 73, 183-194.	3.4	2