

Adrian H A Lutey

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

433
citations

1163117

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940533

16
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16
all docs

16
docs citations

16
times ranked

596
citing authors

#	ARTICLE	IF	CITATIONS
1	High precision feature detection in laser texturing. Precision Engineering, 2022, 73, 183-194.	3.4	2
2	Molecular dynamics model for the antibactericity of textured surfaces. Colloids and Surfaces B: Biointerfaces, 2021, 199, 111504.	5.0	8
3	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
4	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
5	Electrolyte Jet Machining (EJM) of antibacterial surfaces. Precision Engineering, 2021, 70, 145-154.	3.4	6
6	Direct laser interference patterning of stainless steel by ultrashort pulses for antibacterial surfaces. Optics and Laser Technology, 2020, 123, 105954.	4.6	53
7	Pulsed laser texturing for improved adhesive-bonded polyethylene (PE) joints. International Journal of Adhesion and Adhesives, 2020, 102, 102676.	2.9	13
8	Laser Directed Energy Deposition of Bulk 316L Stainless Steel. Lasers in Manufacturing and Materials Processing, 2020, 7, 426-448.	2.2	8
9	Influence of ns laser texturing of AISI 316L surfaces for reducing bacterial adhesion. CIRP Annals - Manufacturing Technology, 2020, 69, 529-532.	3.6	7
10	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
11	Surface topography following pulsed laser texturing: Implications for adhesion and wettability. Surface Topography: Metrology and Properties, 2019, 7, 045023.	1.6	4
12	Pulsed laser ablation for enhanced liquid spreading. Surface and Coatings Technology, 2019, 360, 358-368.	4.8	8
13	Long-pulse quasi-CW laser cutting of metals. International Journal of Advanced Manufacturing Technology, 2018, 94, 155-162.	3.0	11
14	Towards Laser-Textured Antibacterial Surfaces. Scientific Reports, 2018, 8, 10112.	3.3	185
15	A Modeling Approach for Plastic-Metal Laser Direct Joining. Lasers in Manufacturing and Materials Processing, 2017, 4, 136-151.	2.2	5
16	An improved model for nanosecond pulsed laser ablation of metals. Journal of Applied Physics, 2013, 114, .	2.5	64