

Silvia Martinez

List of Publications by Year in descending order

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8

papers

146

citations

1163117

8

h-index

1372567

10

g-index

11

all docs

11

docs citations

11

times ranked

123

citing authors

#	ARTICLE	IF	CITATIONS
1	Comparison of Effects of Laser, Ultrasonic, and Combined Laser-Ultrasonic Hardening Treatments on Surface Properties of AISI 1045 Steel Parts. Lecture Notes in Mechanical Engineering, 2022, , 313-322.	0.4	5
2	A New Approach in the Design of Microstructured Ultralight Components to Achieve Maximum Functional Performance. Materials, 2021, 14, 1588.	2.9	30
3	Effects of the Combined Laser-Ultrasonic Surface Hardening Induced Microstructure and Phase State on Mechanical Properties of AISI D2 Tool Steel. Lecture Notes in Mechanical Engineering, 2020, , 188-198.	0.4	9
4	Analysis of the Part Distortions for Inconel 718 SLM: A Case Study on the NIST Test Artifact. Materials, 2020, 13, 5087.	2.9	16
5	The Effect of the Laser Incidence Angle in the Surface of L-PBF Processed Parts. Coatings, 2020, 10, 1024.	2.6	25
6	Surface Finishing of Complexly Shaped Parts Fabricated by Selective Laser Melting. Lecture Notes in Mechanical Engineering, 2020, , 186-195.	0.4	21
7	Combined Thermo-Mechanical Techniques for Post-processing of the SLM-Printed Ni-Cr-Fe Alloy Parts. Lecture Notes in Mechanical Engineering, 2020, , 295-304.	0.4	10
8	Surface Polishing of Laser Powder Bed Fused Superalloy Components by Magnetic Post-treatment. , 2020, , .		6