

# Silvia Martinez

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4619481/publications.pdf>

Version: 2024-02-01

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