Sara Giganto

List of Publications by Year
in descending order

15	191	1163117 8	1058476 14
papers	citations	h-index	g-index

15	15	15	140
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Influence of 17-4ÂPH stainless steel powder recycling on properties of SLM additive manufactured parts. Journal of Materials Research and Technology, 2022, 16, 1647-1658.	5.8	27
2	Proposal of design rules for improving the accuracy of selective laser melting (SLM) manufacturing using benchmarks parts. Rapid Prototyping Journal, 2022, 28, 1129-1143.	3.2	26
3	Comparison of Chemical and Mechanical Surface Treatments on Metallic Precision Spheres for Using as Optical Reference Artifacts. Materials, 2022, 15, 3741.	2.9	2
4	Laser line scanner aptitude for the measurement of Selective Laser Melting parts. Optics and Lasers in Engineering, 2021, 138, 106406.	3.8	10
5	Laser Defocusing Effect on the Microstructure and Defects of 17-4PH Parts Additively Manufactured by SLM at a Low Energy Input. Metals, 2021, 11, 588.	2.3	14
6	Influence of printing conditions in Binder Jetting on the resin infiltration post-processing. IOP Conference Series: Materials Science and Engineering, 2021, 1193, 012041.	0.6	2
7	Integrating BIM in Industrial Engineering programs. A new strategy model. IOP Conference Series: Materials Science and Engineering, 2021, 1193, 012133.	0.6	1
8	Evaluation of the influence of post-processing on the optical inspection accuracy of additively manufactured parts. IOP Conference Series: Materials Science and Engineering, 2021, 1193, 012062.	0.6	0
9	Characterisation of 17-4PH metallic powder recycling to optimise the performance of the selective laser melting process. Journal of Materials Research and Technology, 2020, 9, 1273-1285.	5.8	22
10	Analysis of post-processing influence on the geometrical and dimensional accuracy of selective laser melting parts. Rapid Prototyping Journal, 2020, 26, 1713-1722.	3.2	11
11	Analysis of Modern Optical Inspection Systems for Parts Manufactured by Selective Laser Melting. Sensors, 2020, 20, 3202.	3.8	7
12	Dimensional accuracy analysis of Direct Metal Printing machine focusing on roller positioning errors. Procedia Manufacturing, 2019, 41, 2-9.	1.9	6
13	Influence of the scanning strategy parameters upon the quality of the SLM parts. Procedia Manufacturing, 2019, 41, 698-705.	1.9	23
14	New procedure for qualification of structured light 3D scanners using an optical feature-based gauge. Optics and Lasers in Engineering, 2018, 110, 193-206.	3.8	34
15	Influence of Laser Energy in the Surface Quality of Parts Manufactured by Selective Laser Melting. Annals of DAAAM & Proceedings, 2018, , 0279-0286.	0.1	6