Arfan Majeed

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5667216/publications.pdf

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19	497	840776 11	888059 17
papers	citations	h-index	g-index

19	19	19	482
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A big data-driven framework for sustainable and smart additive manufacturing. Robotics and Computer-Integrated Manufacturing, 2021, 67, 102026.	9.9	159
2	A framework for big data driven process analysis and optimization for additive manufacturing. Rapid Prototyping Journal, 2019, 25, 308-321.	3.2	59
3	Investigation of T4 and T6 heat treatment influences on relative density and porosity of AlSi10Mg alloy components manufactured by SLM. Computers and Industrial Engineering, 2020, 139, 106194.	6.3	53
4	Surface quality improvement by parameters analysis, optimization and heat treatment of AlSi10Mg parts manufactured by SLM additive manufacturing. International Journal of Lightweight Materials and Manufacture, 2019, 2, 288-295.	2.1	37
5	Dimensional Quality and Distortion Analysis of Thin-Walled Alloy Parts of AlSi10Mg Manufactured by Selective Laser Melting. Journal of Manufacturing and Materials Processing, 2019, 3, 51.	2.2	32
6	An experimental investigation on energy-effective additive manufacturing of aluminum parts via process parameter selection. Journal of Cleaner Production, 2021, 279, 123609.	9.3	27
7	A state-of-the-art review on energy consumption and quality characteristics in metal additive manufacturing processes. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2020, 42, 1.	1.6	23
8	A cost-effective manufacturing process recognition approach based on deep transfer learning for CPS enabled shop-floor. Robotics and Computer-Integrated Manufacturing, 2021, 70, 102128.	9.9	18
9	Heat treatment influences densification and porosity of AlSi10Mg alloy thin-walled parts manufactured by selective laser melting technique. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	17
10	An investigation into the influence of processing parameters on the surface quality of AlSi10Mg parts by SLM process. , 2019, , .		17
11	Enhancement of tool life in drilling of hardened AISI 4340 steel using 3D FEM modeling. International Journal of Advanced Manufacturing Technology, 2018, 95, 1875-1889.	3.0	14
12	Dynamic failure of un-strengthened aluminosilicate glass. Theoretical and Applied Fracture Mechanics, 2019, 104, 102325.	4.7	13
13	Multicomponent enabled MWCNTs-TiO2 nano-activating flux for controlling the geometrical behavior of modified TIG welding joint process. Diamond and Related Materials, 2019, 97, 107442.	3.9	9
14	Influence of wall thickness on the hardness of AlSi10Mg alloy parts manufactured by selective laser melting. Procedia CIRP, 2019, 81, 459-463.	1.9	7
15	Modified TIG Welding Joint Process: An Approach to Improve Microstructure and Fracto-Mechanical Behavior by MWCNTs Inducement in Al-Mg-Si Alloy. Materials, 2019, 12, 1441.	2.9	6
16	Developing of a manufacturing cycle architecture for fused deposition modeling technique. International Journal of Lightweight Materials and Manufacture, 2019, 2, 212-216.	2.1	3
17	The response of heat-treatable filler on non-heat-treatable aluminum alloy substrate against age hardening cycle for intelligent development of surface welded joints using TIG welding process. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2019, 41, 1.	1.6	2
18	Comportamiento macromecÃ¡nico de uniones soldadas de superficie (AA5083) utilizando soldadura con gas inerte de tungsteno con recocido de homogeneizaciÃ³n en una sola etapa. Revista De Metalurgia, 2020, 56, 173.	0.5	1

#	Article	IF	Citations
19	Effect of age hardening to reclaim mechanical properties at different levels of temperature with prolong holding time on GTAW weldments. , 2019, , .		0