

Arfan Majeed

List of Publications by Year in descending order

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19
papers

497
citations

840776

11
h-index

888059

17
g-index

19
all docs

19
docs citations

19
times ranked

482
citing authors

#	ARTICLE	IF	CITATIONS
1	An experimental investigation on energy-effective additive manufacturing of aluminum parts via process parameter selection. <i>Journal of Cleaner Production</i> , 2021, 279, 123609.	9.3	27
2	A big data-driven framework for sustainable and smart additive manufacturing. <i>Robotics and Computer-Integrated Manufacturing</i> , 2021, 67, 102026.	9.9	159
3	A cost-effective manufacturing process recognition approach based on deep transfer learning for CPS enabled shop-floor. <i>Robotics and Computer-Integrated Manufacturing</i> , 2021, 70, 102128.	9.9	18
4	Investigation of T4 and T6 heat treatment influences on relative density and porosity of AlSi10Mg alloy components manufactured by SLM. <i>Computers and Industrial Engineering</i> , 2020, 139, 106194.	6.3	53
5	A state-of-the-art review on energy consumption and quality characteristics in metal additive manufacturing processes. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2020, 42, 1.	1.6	23
6	Comportamiento macromecánico de uniones soldadas de superficie (AA5083) utilizando soldadura con gas inerte de tungsteno con recocido de homogeneización en una sola etapa. <i>Revista De Metalurgia</i> , 2020, 56, 173.	0.5	1
7	Surface quality improvement by parameters analysis, optimization and heat treatment of AlSi10Mg parts manufactured by SLM additive manufacturing. <i>International Journal of Lightweight Materials and Manufacture</i> , 2019, 2, 288-295.	2.1	37
8	Dynamic failure of un-strengthened aluminosilicate glass. <i>Theoretical and Applied Fracture Mechanics</i> , 2019, 104, 102325.	4.7	13
9	Dimensional Quality and Distortion Analysis of Thin-Walled Alloy Parts of AlSi10Mg Manufactured by Selective Laser Melting. <i>Journal of Manufacturing and Materials Processing</i> , 2019, 3, 51.	2.2	32
10	Influence of wall thickness on the hardness of AlSi10Mg alloy parts manufactured by selective laser melting. <i>Procedia CIRP</i> , 2019, 81, 459-463.	1.9	7
11	Developing of a manufacturing cycle architecture for fused deposition modeling technique. <i>International Journal of Lightweight Materials and Manufacture</i> , 2019, 2, 212-216.	2.1	3
12	Modified TIG Welding Joint Process: An Approach to Improve Microstructure and Fracto-Mechanical Behavior by MWCNTs Inducement in Al-Mg-Si Alloy. <i>Materials</i> , 2019, 12, 1441.	2.9	6
13	Heat treatment influences densification and porosity of AlSi10Mg alloy thin-walled parts manufactured by selective laser melting technique. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019, 41, 1.	1.6	17
14	Multicomponent enabled MWCNTs-TiO2 nano-activating flux for controlling the geometrical behavior of modified TIG welding joint process. <i>Diamond and Related Materials</i> , 2019, 97, 107442.	3.9	9
15	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. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2019, 41, 1.	1.6	2
16	Effect of age hardening to reclaim mechanical properties at different levels of temperature with prolong holding time on GTAW weldments. , 2019, , .		0
17	An investigation into the influence of processing parameters on the surface quality of AlSi10Mg parts by SLM process. , 2019, , .		17
18	A framework for big data driven process analysis and optimization for additive manufacturing. <i>Rapid Prototyping Journal</i> , 2019, 25, 308-321.	3.2	59

#	ARTICLE	IF	CITATIONS
19	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