

Pramod Kumar

List of Publications by Year in descending order

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13
papers

130
citations

1307594

7
h-index

1372567

10
g-index

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all docs

13
docs citations

13
times ranked

90
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of heat input in pulsed Nd:YAG laser welding of titanium alloy (Ti6Al4V) on microstructure and mechanical properties. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2019, 63, 673-689.	2.5	36
2	Studies of temperature distribution for laser welding of dissimilar thin sheets through finite element method. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2018, 40, 1.	1.6	21
3	Effect of Pulse Width in Pulsed Nd:YAG Dissimilar Laser Welding of Austenitic Stainless Steel (304ÅL) and Carbon Steel (st37). <i>Lasers in Manufacturing and Materials Processing</i> , 2018, 5, 317-334.	2.2	18
4	Microstructure and mechanical properties of pulsed Nd:YAG laser welding of st37 carbon steel. <i>Procedia Computer Science</i> , 2018, 133, 733-739.	2.0	14
5	Effect of average beam power on microstructure and mechanical properties of Nd: YAG laser welding of 304L and st37 steel. <i>World Journal of Engineering</i> , 2019, 16, 377-388.	1.6	11
6	Investigation of numerical modelling of TIG welding of austenitic stainless steel (304L). <i>Materials Today: Proceedings</i> , 2020, 27, 1636-1640.	1.8	9
7	Effect of welding current in TIG welding 304L steel on temperature distribution, microstructure and mechanical properties. <i>Journal of the Brazilian Society of Mechanical Sciences and Engineering</i> , 2021, 43, 1.	1.6	9
8	Study of microstructure and mechanical properties of aluminium alloy (AA-6351-T6) using friction stir welding. <i>Materials Today: Proceedings</i> , 2020, 27, 1733-1737.	1.8	6
9	Comparative analysis of pulsed Nd:YAG laser welding of 304L and 904L stainless steel. <i>Materials Today: Proceedings</i> , 2020, 33, 5019-5023.	1.8	3
10	Study of Welding process parameter in TIG joining of Aluminum Aolly (6061). <i>Materials Today: Proceedings</i> , 2021, 47, 4020-4025.	1.8	3
11	Studies on Numerical Simulation of Temperature Distribution in Laser Beam Welding of 304L Austenitic Stainless Steel. <i>International Journal of Manufacturing, Materials, and Mechanical Engineering</i> , 2019, 9, 30-49.	0.4	0
12	Study of microstructure and mechanical properties of NiTi wire cladding on super austenitic stainless steel 904L by TIG cladding process. <i>Sadhana - Academy Proceedings in Engineering Sciences</i> , 2021, 46, 1.	1.3	0
13	Numerical Simulation to Predict Temperature Distribution and Weld Profile in Laser Beam Welding of Carbon Steel St37 and Mechanical Properties. <i>Lecture Notes on Multidisciplinary Industrial Engineering</i> , 2020, , 719-726.	0.6	0