T Deepan Bharathi Kannan

List of Publications by Year
in descending order

14 papers	**165** citations	1684188 **5** h-index	1281871 **11** g-index
14 all docs	**14** docs citations	**14** times ranked	**153** citing authors

#	Article	IF	Citations
1	Optimization of Process Parameters in Double-Pulse MIG Welding of Inconel 617-SS 304 H. Transactions of the Indian Institute of Metals, 2022, 75, 1293-1307.	1.5	4
2	OPTIMIZATION OF PROCESS PARAMETERS IN LASER WELDING OF HASTELLOY C-276 USING ARTIFICIAL NEURAL NETWORK AND GENETIC ALGORITHM. Surface Review and Letters, 2021, 28, 2050042.	1.1	3
3	Optimization of process parameters in friction welding of super duplex stainless steel. IOP Conference Series: Materials Science and Engineering, 2020, 912, 032018.	0.6	1
4	Application of ANN Modelling and GA Optimization for Improved Creep and Corrosion Properties of Spin-Arc Welded AA5083-H111 Alloy. Russian Journal of Non-Ferrous Metals, 2020, 61, 188-198.	0.6	5
5	Optimization of Process Parameters in Abrasive Water Jet Machining of Inconel 718 Using VIKOR Method. Journal of the Institution of Engineers (India): Series C, 2020, 101, 579-585.	1.2	18
6	POST WELD HEAT TREATMENT OF NiTinol SHAPE MEMORY ALLOY USING LASER POWER SOURCE. Surface Review and Letters, 2020, 27, 1950160.	1.1	1
7	Application of Genetic Algorithm Technique for Machining Parameters Optimization in Drilling of Stainless Steel. Mechanics and Mechanical Engineering, 2019, 23, 271-276.	0.2	2
8	Application of GRA and TOPSIS Optimization Techniques in GTA Welding of 15CDV6 Aerospace Material. Transactions of the Indian Institute of Metals, 2018, 71, 373-382.	1.5	31
9	A comparison of the effect of different heat treatment processes on laser-welded NiTinol sheets. Journal of the Brazilian Society of Mechanical Sciences and Engineering, 2018, 40, 1.	1.6	6
10	Effect of heat input, heat treatment on microstructure and mechanical properties of GTA welded aerospace material 15CDV6. Journal of Materials Research, 2017, 32, 1361-1366.	2.6	4
11	Parameter Design And Analysis In Laser Welding Of NiTinol Shape Memory Alloy. Materials Today: Proceedings, 2017, 4, 8883-8891.	1.8	9
12	Application of Artificial Neural Network Modelling for Optimization of Yb: YAG Laser Welding of Nitinol. Transactions of the Indian Institute of Metals, 2017, 70, 1763-1771.	1.5	20
13	A Review of Similar and Dissimilar Micro-joining of Nitinol. Jom, 2016, 68, 1227-1245.	1.9	31
14	Application of Artificial Neural Network Modeling for Machining Parameters Optimization in Drilling Operation. , 2014, 5, 2242-2249.		30