Rathinasuriyan Chandran

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/1139507/publications.pdf

Version: 2024-02-01

23	193	1163117	1125743
papers	citations	8 h-index	13 g-index

23	23	23	94
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Radiography and Corrosion Analysis of Sub-merged Friction Stir Welding of AA6061-T6 Alloy. Procedia Engineering, 2014, 97, 810-818.	1.2	24
2	Current Status and Development of Submerged Friction Stir Welding: A Review. International Journal of Precision Engineering and Manufacturing - Green Technology, 2021, 8, 687-701.	4.9	23
3	Submerged Friction Stir Welding of 6061-T6 Aluminium Alloy under Different Water Heads. Materials Research, 2018, 21, .	1.3	19
4	Optimization of Welding Parameters for Friction Stir Lap Welding of AA6061-T6 Alloy. Modern Mechanical Engineering, 2018, 08, 31-41.	0.5	17
5	Effect of Cooling Conditions on Mechanical and Microstructural Behaviours of Friction Stir Processed AZ31B Mg Alloy. Modern Mechanical Engineering, 2017, 07, 144-160.	0.5	16
6	Experimental investigation of weld characteristics on submerged friction stir welded 6061-T6 aluminum alloy. Journal of Mechanical Science and Technology, 2017, 31, 3925-3933.	1.5	14
7	Modelling and optimization of submerged friction stir welding parameters for AA6061-T6 alloy using RSM. Metallic Materials, 2016, 54, 297-304.	0.3	12
8	Mechanical and tribological properties of electroless nickel phosphorous and nickel Phosphorous-Titanium nitride coating. Materials Today: Proceedings, 2020, 22, 1038-1042.	1.8	10
9	RELATIONSHIP BETWEEN MICROSTRUCTURE, MECHANICAL PROPERTIES AND WEAR BEHAVIOR OF FRICTION STIR PROCESSED AZ31B ALLOY UNDER VARIOUS MEDIUM. Surface Review and Letters, 2022, 29, .	1.1	9
10	Wear and Corrosion Behavior of Cryogenic Friction Stir Processed AZ31B Alloy. Journal of Materials Engineering and Performance, 2021, 30, 3118-3128.	2.5	8
11	Selection of intense energy welding process for high strength aluminum alloy using AHP. Materials Today: Proceedings, 2021, 46, 8254-8259.	1.8	6
12	Experimental investigation of cooling medium on submerged friction stir processed AZ31 magnesium alloy. Materials Today: Proceedings, 2021, 46, 3386-3391.	1.8	6
13	Optimization of fiber laser welding parameters for high strength aluminium alloy AA7075-T6. Materials Today: Proceedings, 2022, 52, 283-289.	1.8	6
14	Investigation of heat generation during submerged friction stir welding on 6061-T6 aluminum alloy. Materials Today: Proceedings, 2021, 46, 8320-8324.	1.8	6
15	Prediction of the Average Grain Size in Submerged Friction Stir Welds of AA 6061-T6. Materials Today: Proceedings, 2019, 16, 907-917.	1.8	5
16	Optimisation of submerged friction stir welding parameters of aluminium alloy using RSM and GRA. Advances in Materials and Processing Technologies, 2021, 7, 696-709.	1.4	3
17	Optimization of Corrosion Behavior in Submerged Friction Stir Processed Magnesium AZ31B Alloy. , 2017, , .		2
18	Mechanical and Metallurgical Properties of GTAW, GMAW and FSW Lap Joints on AA6061-T6 Alloy. Advances in Materials and Processing Technologies, 2022, 8, 3231-3247.	1.4	2

#	Article	IF	Citations
19	Optimization of roundness in plasma arc drilling process by Taguchi approach. Materials Today: Proceedings, 2022, 52, 278-282.	1.8	2
20	Multi Response Optimization of Submerged Friction Stir Welding Process Parameters Using TOPSIS Approach. , 2015, , .		1
21	Multi Response Optimization of Submerged Friction Stir Welding Process Parameters Using Grey Relational Analysis. , 2016, , .		1
22	Effect of friction stir processing on the high cycle fatigue behavior of AZ31B alloy. Materials Today: Proceedings, 2022, 62, 992-997.	1.8	1
23	Modelling and optimization of submerged friction stir welding parameters for AA6061-T6 alloy using RSM. Metallic Materials, 2021, 54, 297-304.	0.3	0