

Rathinasuriyan Chandran

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Mechanical and Metallurgical Properties of GTAW, GMAW and FSW Lap Joints on AA6061-T6 Alloy. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 3231-3247.	1.4	2
2	Optimization of roundness in plasma arc drilling process by Taguchi approach. <i>Materials Today: Proceedings</i> , 2022, 52, 278-282.	1.8	2
3	Optimization of fiber laser welding parameters for high strength aluminium alloy AA7075-T6. <i>Materials Today: Proceedings</i> , 2022, 52, 283-289.	1.8	6
4	RELATIONSHIP BETWEEN MICROSTRUCTURE, MECHANICAL PROPERTIES AND WEAR BEHAVIOR OF FRICTION STIR PROCESSED AZ31B ALLOY UNDER VARIOUS MEDIUM. <i>Surface Review and Letters</i> , 2022, 29, .	1.1	9
5	Effect of friction stir processing on the high cycle fatigue behavior of AZ31B alloy. <i>Materials Today: Proceedings</i> , 2022, 62, 992-997.	1.8	1
6	Optimisation of submerged friction stir welding parameters of aluminium alloy using RSM and GRA. <i>Advances in Materials and Processing Technologies</i> , 2021, 7, 696-709.	1.4	3
7	Current Status and Development of Submerged Friction Stir Welding: A Review. <i>International Journal of Precision Engineering and Manufacturing - Green Technology</i> , 2021, 8, 687-701.	4.9	23
8	Selection of intense energy welding process for high strength aluminum alloy using AHP. <i>Materials Today: Proceedings</i> , 2021, 46, 8254-8259.	1.8	6
9	Experimental investigation of cooling medium on submerged friction stir processed AZ31 magnesium alloy. <i>Materials Today: Proceedings</i> , 2021, 46, 3386-3391.	1.8	6
10	Wear and Corrosion Behavior of Cryogenic Friction Stir Processed AZ31B Alloy. <i>Journal of Materials Engineering and Performance</i> , 2021, 30, 3118-3128.	2.5	8
11	Investigation of heat generation during submerged friction stir welding on 6061-T6 aluminum alloy. <i>Materials Today: Proceedings</i> , 2021, 46, 8320-8324.	1.8	6
12	Modelling and optimization of submerged friction stir welding parameters for AA6061-T6 alloy using RSM. <i>Metallic Materials</i> , 2021, 54, 297-304.	0.3	0
13	Mechanical and tribological properties of electroless nickel phosphorous and nickel Phosphorous-Titanium nitride coating. <i>Materials Today: Proceedings</i> , 2020, 22, 1038-1042.	1.8	10
14	Prediction of the Average Grain Size in Submerged Friction Stir Welds of AA 6061-T6. <i>Materials Today: Proceedings</i> , 2019, 16, 907-917.	1.8	5
15	Submerged Friction Stir Welding of 6061-T6 Aluminium Alloy under Different Water Heads. <i>Materials Research</i> , 2018, 21, .	1.3	19
16	Optimization of Welding Parameters for Friction Stir Lap Welding of AA6061-T6 Alloy. <i>Modern Mechanical Engineering</i> , 2018, 08, 31-41.	0.5	17
17	Experimental investigation of weld characteristics on submerged friction stir welded 6061-T6 aluminum alloy. <i>Journal of Mechanical Science and Technology</i> , 2017, 31, 3925-3933.	1.5	14
18	Optimization of Corrosion Behavior in Submerged Friction Stir Processed Magnesium AZ31B Alloy. , 2017, , .		2

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19	Effect of Cooling Conditions on Mechanical and Microstructural Behaviours of Friction Stir Processed AZ31B Mg Alloy. <i>Modern Mechanical Engineering</i> , 2017, 07, 144-160.	0.5	16
20	Modelling and optimization of submerged friction stir welding parameters for AA6061-T6 alloy using RSM. <i>Metallic Materials</i> , 2016, 54, 297-304.	0.3	12
21	Multi Response Optimization of Submerged Friction Stir Welding Process Parameters Using Grey Relational Analysis. , 2016, , .		1
22	Multi Response Optimization of Submerged Friction Stir Welding Process Parameters Using TOPSIS Approach. , 2015, , .		1
23	Radiography and Corrosion Analysis of Sub-merged Friction Stir Welding of AA6061-T6 Alloy. <i>Procedia Engineering</i> , 2014, 97, 810-818.	1.2	24