

Pankaj Sonia

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

264
citations

1478505

6
h-index

1199594

12
g-index

16
all docs

16
docs citations

16
times ranked

150
citing authors

#	ARTICLE	IF	CITATIONS
1	Powder bed fusion process in additive manufacturing: An overview. <i>Materials Today: Proceedings</i> , 2020, 26, 3058-3070.	1.8	112
2	Influence of ultrasonic vibration assistance in manufacturing processes: A Review. <i>Materials and Manufacturing Processes</i> , 2021, 36, 1451-1475.	4.7	47
3	Optimization of surface roughness in EDM of pure magnesium (Mg) using TLBO. <i>Materials Today: Proceedings</i> , 2020, 26, 2458-2461.	1.8	37
4	Effect of cryogenic treatment on mechanical properties and microstructure of aluminium 6082 alloy. <i>Materials Today: Proceedings</i> , 2020, 26, 2248-2253.	1.8	15
5	Influence of Severe Metal Forming Processes on Microstructure and Mechanical Properties of Mg alloys. <i>Advances in Materials and Processing Technologies</i> , 2022, 8, 2405-2428.	1.4	12
6	Study of intermetallic compound (IMC) formed in welding of steel with magnesium: A review. <i>Materials Today: Proceedings</i> , 2020, 26, 1159-1166.	1.8	8
7	Characterization of Fracture Properties of Epoxy-Alumina Polymer Nanocomposite. <i>Applied Mechanics and Materials</i> , 0, 390, 557-561.	0.2	7
8	Performance evaluation of hybrid polymer nanocomposite. <i>Materials Today: Proceedings</i> , 2021, 44, 1659-1663.	1.8	5
9	Dynamic Mechanical Properties of Epoxy Composite Reinforced with Alumina Nanorods. <i>Advanced Science Letters</i> , 2015, 21, 2833-2835.	0.2	5
10	Review on the behavior of various parameters on heat distribution in the SAW process. <i>Materials Today: Proceedings</i> , 2021, 47, 6734-6739.	1.8	4
11	Investigation of the use of micro-alloy and As-Cast Microalloy steel in Automotive application. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1116, 012018.	0.6	3
12	A Review of Magnesium Based MMC Fabrication Techniques for Biomedical Applications. <i>Key Engineering Materials</i> , 0, 924, 141-150.	0.4	3
13	Introduction of hybrid machining: Fabrication and experimental investigation of electrochemical grinding on surface roughness. <i>Materials Today: Proceedings</i> , 2021, 44, 300-304.	1.8	2
14	Solution of Multi-response Optimization: Case Study in turning of AISI D2 Steel using Fuzzy TOPSIS Integrated Taguchi Approach. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1116, 012144.	0.6	2
15	Microstructure and Mechanical behaviour of Stainless Steel. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1116, 012019.	0.6	1
16	A Mini Review: Hybridized Electric Discharge Machining. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1116, 012079.	0.6	1