

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 | 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 |
| 2 | 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 |
| 3 | Performance evaluation of hybrid polymer nanocomposite. <i>Materials Today: Proceedings</i> , 2021, 44, 1659-1663. | 1.8 | 5 |
| 4 | Microstructure and Mechanical behaviour of Stainless Steel. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1116, 012019. | 0.6 | 1 |
| 5 | 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 |
| 6 | 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 |
| 7 | A Mini Review: Hybridized Electric Discharge Machining. <i>IOP Conference Series: Materials Science and Engineering</i> , 2021, 1116, 012079. | 0.6 | 1 |
| 8 | 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 |
| 9 | Influence of ultrasonic vibration assistance in manufacturing processes: A Review. <i>Materials and Manufacturing Processes</i> , 2021, 36, 1451-1475. | 4.7 | 47 |
| 10 | 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 |
| 11 | Optimization of surface roughness in EDM of pure magnesium (Mg) using TLBO. <i>Materials Today: Proceedings</i> , 2020, 26, 2458-2461. | 1.8 | 37 |
| 12 | 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 |
| 13 | Powder bed fusion process in additive manufacturing: An overview. <i>Materials Today: Proceedings</i> , 2020, 26, 3058-3070. | 1.8 | 112 |
| 14 | Dynamic Mechanical Properties of Epoxy Composite Reinforced with Alumina Nanorods. <i>Advanced Science Letters</i> , 2015, 21, 2833-2835. | 0.2 | 5 |
| 15 | Characterization of Fracture Properties of Epoxy-Alumina Polymer Nanocomposite. <i>Applied Mechanics and Materials</i> , 0, 390, 557-561. | 0.2 | 7 |
| 16 | A Review of Magnesium Based MMC Fabrication Techniques for Biomedical Applications. <i>Key Engineering Materials</i> , 0, 924, 141-150. | 0.4 | 3 |