

Merbin John

List of Publications by Year in descending order

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15
papers

271
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1170033

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1113639

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66
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | AHSS welding using undermatching filler wires and process advantages with P-GMAW. Materials Today: Proceedings, 2022, 49, 1312-1318. | 0.9 | 8 |
| 2 | Effect of filler wire strength on high strength low alloy steels. Materials Today: Proceedings, 2022, 49, 1286-1293. | 0.9 | 4 |
| 3 | Surface Modification of 6xxx Series Aluminum Alloys. Coatings, 2022, 12, 180. | 1.2 | 15 |
| 4 | Influence of Cryomilling on Crystallite Size of Aluminum Powder and Spark Plasma Sintered Component. Nanomaterials, 2022, 12, 551. | 1.9 | 10 |
| 5 | Welding Techniques for High Entropy Alloys: Processes, Properties, Characterization, and Challenges. Materials, 2022, 15, 2273. | 1.3 | 10 |
| 6 | Ultrasonic Nanocrystal Surface Modification: Processes, Characterization, Properties, and Applications. Nanomaterials, 2022, 12, 1415. | 1.9 | 23 |
| 7 | Cermet Systems: Synthesis, Properties, and Applications. Ceramics, 2022, 5, 210-236. | 1.0 | 11 |
| 8 | Advanced High-Strength Steels for Automotive Applications: Arc and Laser Welding Process, Properties, and Challenges. Metals, 2022, 12, 1051. | 1.0 | 22 |
| 9 | Effect of wire feed rate on microstructure development during bead on plate welding of microalloyed steel using P-GMAW. Materials Today: Proceedings, 2021, 42, 423-428. | 0.9 | 3 |
| 10 | A study on HAZ behaviour in 800MPa cold rolled and hot rolled steel weld. Materials Today: Proceedings, 2021, 44, 2985-2992. | 0.9 | 6 |
| 11 | Peening Techniques for Surface Modification: Processes, Properties, and Applications. Materials, 2021, 14, 3841. | 1.3 | 48 |
| 12 | Self-Lubricating Materials for Extreme Condition Applications. Materials, 2021, 14, 5588. | 1.3 | 36 |
| 13 | Nanocrystalline Materials: Synthesis, Characterization, Properties, and Applications. Crystals, 2021, 11, 1317. | 1.0 | 27 |
| 14 | Ultrasonic Surface Rolling Process: Properties, Characterization, and Applications. Applied Sciences (Switzerland), 2021, 11, 10986. | 1.3 | 44 |
| 15 | Effect of employing metal cored filler wire for single V butt joint welding of Ti-Nb microalloyed 800MPa steels. AIP Conference Proceedings, 2020, , . | 0.3 | 4 |