

Merbin John

List of Publications by Year in descending order

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papers

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1040018

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docs citations

15
times ranked

61
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.	1.8	8
2	Effect of filler wire strength on high strength low alloy steels. Materials Today: Proceedings, 2022, 49, 1286-1293.	1.8	4
3	Surface Modification of 6xxx Series Aluminum Alloys. Coatings, 2022, 12, 180.	2.6	15
4	Influence of Cryomilling on Crystallite Size of Aluminum Powder and Spark Plasma Sintered Component. Nanomaterials, 2022, 12, 551.	4.1	10
5	Welding Techniques for High Entropy Alloys: Processes, Properties, Characterization, and Challenges. Materials, 2022, 15, 2273.	2.9	10
6	Ultrasonic Nanocrystal Surface Modification: Processes, Characterization, Properties, and Applications. Nanomaterials, 2022, 12, 1415.	4.1	23
7	Cermet Systems: Synthesis, Properties, and Applications. Ceramics, 2022, 5, 210-236.	2.6	11
8	Advanced High-Strength Steels for Automotive Applications: Arc and Laser Welding Process, Properties, and Challenges. Metals, 2022, 12, 1051.	2.3	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.	1.8	3
10	A study on HAZ behaviour in 800MPa cold rolled and hot rolled steel weld. Materials Today: Proceedings, 2021, 44, 2985-2992.	1.8	6
11	Peening Techniques for Surface Modification: Processes, Properties, and Applications. Materials, 2021, 14, 3841.	2.9	48
12	Self-Lubricating Materials for Extreme Condition Applications. Materials, 2021, 14, 5588.	2.9	36
13	Nanocrystalline Materials: Synthesis, Characterization, Properties, and Applications. Crystals, 2021, 11, 1317.	2.2	27
14	Ultrasonic Surface Rolling Process: Properties, Characterization, and Applications. Applied Sciences (Switzerland), 2021, 11, 10986.	2.5	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, , .	0.4	4