Soumitra Dinda

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/5018327/publications.pdf

Version: 2024-02-01

14 papers	237 citations	1684188 5 h-index	1058476 14 g-index
15 all docs	15 docs citations	15 times ranked	225 citing authors

#	Article	IF	Citations
1	Study of micro-porosity in electron beam butt welding. International Journal of Advanced Manufacturing Technology, 2022, 121, 4583-4600.	3.0	3
2	Effect of Beam Oscillation on Electron Beam Butt Welded Dual-Phase (DP600) Steel to 5754 Aluminum Alloy Joints. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2021, 52, 1723-1731.	2.2	4
3	X-ray Radiography Study on Defect Analysis of Electron Beam Welded Plain C-Steel and Fe-7% Al Alloy Joints. Minerals, Metals and Materials Series, 2021, , 346-356.	0.4	0
4	Ensemble prediction of mean bubble size in a continuous casting mold using data driven modeling techniques. Machine Learning With Applications, 2021, 6, 100180.	4.4	1
5	Numerical Modeling of Volatile Organic Compounds (VOC) Emissions during Preheating of Magnesia-Carbon Bricks in a Basic Oxygen Furnace. Metals, 2020, 10, 1277.	2.3	1
6	Phase Evolution-Dependent Nanomechanical Properties of Al86Ni8Y6 and Al86Ni6Y4.5Co2La1.5 Spark Plasma-Sintered Bulk Amorphous Composites. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2020, 51, 5110-5119.	2.2	3
7	Texture mapping in electron beam welded dissimilar copper-stainless steel joints by neutron diffraction. Vacuum, 2020, 181, 109668.	3.5	4
8	Neutron diffraction bulk texture study with impact property correlation of electron beam welded dissimilar Fe-7%Al alloy to steel joints. International Journal of Advanced Manufacturing Technology, 2020, 108, 1499-1508.	3.0	4
9	Defects Comparison Between Single- and Double-Sided Electron Beam Welded Dissimilar DP600 Steel to 5754 Al Alloy Joints: X-Ray Tomography Study. Minerals, Metals and Materials Series, 2020, , 1107-1116.	0.4	1
10	Effect of beam oscillation on porosity and intermetallics of electron beam welded DP600-steel to Al 5754-alloy. Journal of Materials Processing Technology, 2019, 265, 191-200.	6.3	43
11	X-ray tomography study on porosity in electron beam welded dissimilar copperâ€“304SS joints. Vacuum, 2018, 149, 200-206.	3.5	43
12	Effect of weld parameters on porosity formation in electron beam welded Zircaloy-4 joints: X-ray tomography study. Vacuum, 2018, 158, 172-179.	3.5	30
13	Microstructure and mechanical properties of electron beam welded dissimilar steel to Feâ€“Al alloy joints. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2016, 677, 182-192.	5.6	36
14	3D imaging and quantification of porosity in electron beam welded dissimilar steel to Fe-Al alloy joints by X-ray tomography. Materials and Design, 2016, 96, 224-231.	7.0	60