

MarÃ-a AsunciÃ³n Valiente Bermejo

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

196
citations

1307594

7
h-index

1372567

10
g-index

11
all docs

11
docs citations

11
times ranked

144
citing authors

#	ARTICLE	IF	CITATIONS
1	Wire laser metal deposition of 22% Cr duplex stainless steel: as-deposited and heat-treated microstructure and mechanical properties. <i>Journal of Materials Science</i> , 2022, 57, 9556-9575.	3.7	13
2	Exposure of FeCrAl Overlay Welds on Superheater Tubes: Influence of Local Environment on Degradation. <i>Journal of Failure Analysis and Prevention</i> , 2022, 22, 400.	0.9	2
3	Microstructure of laser metal deposited duplex stainless steel: Influence of shielding gas and heat treatment. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2021, 65, 525-541.	2.5	29
4	Hot-Wire Laser-Directed Energy Deposition: Process Characteristics and Benefits of Resistive Pre-Heating of the Feedstock Wire. <i>Metals</i> , 2021, 11, 634.	2.3	25
5	Welding of Large Thickness Super Duplex Stainless Steel: Microstructure and Properties. <i>Metals</i> , 2021, 11, 1184.	2.3	11
6	Wire Laser Metal Deposition Additive Manufacturing of Duplex Stainless Steel Components—Development of a Systematic Methodology. <i>Materials</i> , 2021, 14, 7170.	2.9	8
7	Wire-arc additive manufacturing of a duplex stainless steel: thermal cycle analysis and microstructure characterization. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2019, 63, 975-987.	2.5	69
8	A New Approach to the Study of Multi-Pass Welds—Microstructure and Properties of Welded 20-mm-Thick Superduplex Stainless Steel. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1050.	2.5	18
9	Computational thermodynamics in ferrite content prediction of austenitic stainless steel weldments. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2019, 63, 627-635.	2.5	7
10	Relevance and limitations of arc furnace casting in welding research. <i>International Journal of Cast Metals Research</i> , 2015, 28, 97-104.	1.0	0
11	A Mathematical Model To Predict $\hat{\gamma}$ - Ferrite Content In Austenitic Stainless Steel Weld Metals. <i>Welding in the World, Le Soudage Dans Le Monde</i> , 2012, 56, 48-68.	2.5	14