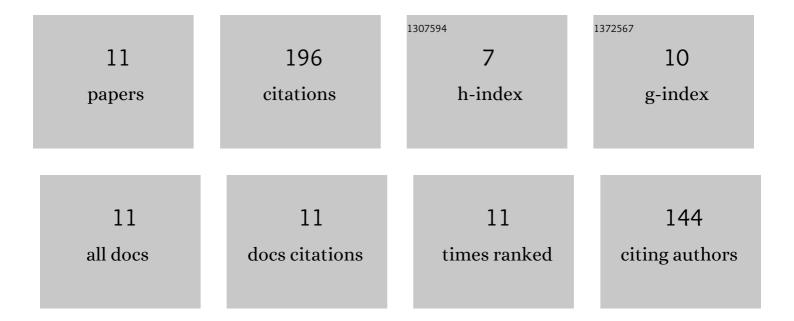
## MarÃ-a AsunciÃ<sup>3</sup>n Valiente Bermejo

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/8796155/publications.pdf

Version: 2024-02-01



#	Article	IF	CITATIONS
1	Wire laser metal deposition of 22% Cr duplex stainless steel: as-deposited and heat-treated microstructure and mechanical properties. Journal of Materials Science, 2022, 57, 9556-9575.	3.7	13
2	Exposure of FeCrAl Overlay Welds on Superheater Tubes: Influence of Local Environment on Degradation. Journal of Failure Analysis and Prevention, 2022, 22, 400.	0.9	2
3	Microstructure of laser metal deposited duplex stainless steel: Influence of shielding gas and heat treatment. Welding in the World, Le Soudage Dans Le Monde, 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. Metals, 2021, 11, 634.	2.3	25
5	Welding of Large Thickness Super Duplex Stainless Steel: Microstructure and Properties. Metals, 2021, 11, 1184.	2.3	11
6	Wire Laser Metal Deposition Additive Manufacturing of Duplex Stainless Steel Components—Development of a Systematic Methodology. Materials, 2021, 14, 7170.	2.9	8
7	Wire-arc additive manufacturing of a duplex stainless steel: thermal cycle analysis and microstructure characterization. Welding in the World, Le Soudage Dans Le Monde, 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. Applied Sciences (Switzerland), 2019, 9, 1050.	2.5	18
9	Computational thermodynamics in ferrite content prediction of austenitic stainless steel weldments. Welding in the World, Le Soudage Dans Le Monde, 2019, 63, 627-635.	2.5	7
10	Relevance and limitations of arc furnace casting in welding research. International Journal of Cast Metals Research, 2015, 28, 97-104.	1.0	0
11	A Mathematical Model To Predict δ- Ferrite Content In Austenitic Stainless Steel Weld Metals. Welding in the World, Le Soudage Dans Le Monde, 2012, 56, 48-68.	2.5	14