Francisco Reyes-Calderon

List of Publications by Year
in descending order

13	217	1162889 8	1281743 11
papers	citations	h-index	g-index

13	13	13	183
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Corrosion susceptibility behavior in 12Crâ€“1Mo martensitic stainless steel welded by SAW process and the effect of Î´-ferrite in the HAZ. International Journal of Pressure Vessels and Piping, 2022, , 104684.	1.2	2
2	Quantitative metallographic characterization of welding microstructures in Ti-containing TWIP steel by means of image processing analysis. Materials Characterization, 2019, 147, 1-10.	1.9	18
3	Comparative study on weldability of Ti-containing TWIP and AISI 304L austenitic steels through the autogenous-GTAW process. International Journal of Advanced Manufacturing Technology, 2018, 98, 2365-2376.	1.5	7
4	Experimental and FEM study of Ti-containing TWIP steel weldability. Journal of Materials Processing Technology, 2018, 261, 107-122.	3.1	13
5	Effect of the Heat Input on the Heat Affected Zone in the Austenitic Stainless Steel Welding by the GTAW Process-An Experimental and Computational Analysis. MRS Advances, 2017, 2, 3781-3786.	0.5	0
6	Optimization of experimental temperature measurement in GTAW process by means of DoE technique and computational modeling. Measurement: Journal of the International Measurement Confederation, 2016, 88, 297-309.	2.5	10
7	A simplified elliptic paraboloid heat source model for autogenous GTAW process. International Journal of Heat and Mass Transfer, 2016, 100, 536-549.	2.5	11
8	Determination of Critical Stress for Dynamic Recrystallization of a High-Mn Austenitic TWIP Steel Micro-Alloyed with Vanadium. Materials Research Society Symposia Proceedings, 2016, 1812, 41-46.	0.1	0
9	Modeling the hot flow behavior of a Feâ€“22Mnâ€“0.41Câ€“1.6Alâ€“1.4Si TWIP steel microalloyed with Ti, V and Nb. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2015, 644, 374-385.	2.6	24
10	Hot deformation activation energy (QHW) of austenitic Feâ€“22Mnâ€“1.5Alâ€“1.5Siâ€“0.4C TWIP steels microalloyed with Nb, V, and Ti. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2013, 562, 46-52.	2.6	57
11	Effect of microalloying elements (Nb, V and Ti) on the hot flow behavior of high-Mn austenitic twinning induced plasticity (TWIP) steel. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2013, 560, 552-560.	2.6	59
12	Effect of Microalloying Elements (B, Nb, V and Ti) on the Strain Hardening Behavior of High-Manganese TWIP Steels.. Materials Research Society Symposia Proceedings, 2012, 1373, 83.	0.1	2
13	Effect of V on Hot Deformation Characteristics of TWIP Steels. Steel Research International, 2012, 83, 334-339.	1.0	14