

Francisco Reyes-Calderon

List of Publications by Year in descending order

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| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | Corrosion susceptibility behavior in 12Cr–1Mo martensitic stainless steel welded by SAW process and the effect of δ -ferrite in the HAZ. International Journal of Pressure Vessels and Piping, 2022, , 104684. | 2.6 | 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. | 4.4 | 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. | 3.0 | 7 |
| 4 | Experimental and FEM study of Ti-containing TWIP steel weldability. Journal of Materials Processing Technology, 2018, 261, 107-122. | 6.3 | 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. | 0.9 | 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. | 5.0 | 10 |
| 7 | A simplified elliptic paraboloid heat source model for autogenous GTAW process. International Journal of Heat and Mass Transfer, 2016, 100, 536-549. | 4.8 | 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 Fe–22Mn–0.41C–1.6Al–1.4Si TWIP steel microalloyed with Ti, V and Nb. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2015, 644, 374-385. | 5.6 | 24 |
| 10 | Hot deformation activation energy (QHW) of austenitic Fe–22Mn–1.5Al–1.5Si–0.4C TWIP steels microalloyed with Nb, V, and Ti. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2013, 562, 46-52. | 5.6 | 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. | 5.6 | 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. | 1.8 | 14 |