

Lais Mujica Roncery

List of Publications by Year in descending order

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623734

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#	ARTICLE	IF	CITATIONS
1	CrMnFeCoNi high entropy alloys with carbon and nitrogen: mechanical properties, wear and corrosion resistance. <i>SN Applied Sciences</i> , 2021, 3, 1.	2.9	11
2	XRD measurement of stacking fault energy of Cr-Ni austenitic steels: influence of temperature and alloying elements. <i>Journal of Materials Science</i> , 2020, 55, 13424-13437.	3.7	23
3	Impact of chemical inhomogeneities on local material properties and hydrogen environment embrittlement in AISI 304L steels. <i>International Journal of Hydrogen Energy</i> , 2018, 43, 5206-5216.	7.1	29
4	Subsurface characterization of high-strength high-interstitial austenitic steels after impact wear. <i>Wear</i> , 2018, 402-403, 137-147.	3.1	17
5	Effect of porosity and eutectics on the high-temperature low-cycle fatigue performance of a nickel-base single-crystal superalloy. <i>Scripta Materialia</i> , 2018, 155, 139-143.	5.2	46
6	Rejuvenation of creep resistance of a Ni-base single-crystal superalloy by hot isostatic pressing. <i>Materials and Design</i> , 2017, 134, 418-425.	7.0	36
7	Topological phase inversion after long-term thermal exposure of nickel-base superalloys: Experiment and phase-field simulation. <i>Acta Materialia</i> , 2017, 124, 151-158.	7.9	55
8	Diffusion processes during cementite precipitation and their impact on electrical and thermal conductivity of a heat-treatable steel. <i>Journal of Materials Science</i> , 2017, 52, 375-390.	3.7	9
9	Impact of hot isostatic pressing on microstructures of CMSX-4 Ni-base superalloy fabricated by selective electron beam melting. <i>Materials and Design</i> , 2016, 110, 720-727.	7.0	68
10	On the Effect of Hot Isostatic Pressing on the Creep Life of a Single Crystal Superalloys. <i>Advanced Engineering Materials</i> , 2016, 18, 1381-1387.	3.5	36
11	Influence of temperature, pressure, and cooling rate during hot isostatic pressing on the microstructure of an SX Ni-base superalloy. <i>Materials and Design</i> , 2016, 97, 544-552.	7.0	58
12	The thermal stability of topologically close-packed phases in the single-crystal Ni-base superalloy ERBO/1. <i>Journal of Materials Science</i> , 2016, 51, 2653-2664.	3.7	40
13	Solution Heat Treatment of the Single Crystal Nickel-Base Superalloy CMSX-4 Fabricated by Selective Electron Beam Melting. <i>Advanced Engineering Materials</i> , 2015, 17, 1486-1493.	3.5	84
14	Mechanical Properties of (20-30)Mn12Cr(0.56-0.7)CN Corrosion Resistant Austenitic TWIP Steels. <i>Steel Research International</i> , 2012, 83, 307-314.	1.8	10
15	Welding of twinning-induced plasticity steels. <i>Scripta Materialia</i> , 2012, 66, 997-1001.	5.2	109
16	Nucleation and precipitation kinetics of M ₂₃ C ₆ and M ₂ N in an Fe-Mn-Cr-C-N austenitic matrix and their relationship with the sensitization phenomenon. <i>Acta Materialia</i> , 2011, 59, 6275-6286.	7.9	35
17	Development of Mn-Cr-(C-N) Corrosion Resistant Twinning Induced Plasticity Steels: Thermodynamic and Diffusion Calculations, Production, and Characterization. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2010, 41, 2471-2479.	2.2	31