

Lucas B Otani

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Phase equilibria of VCrMnFeCo high entropy alloys. <i>Journal of Alloys and Compounds</i> , 2022, 903, 163950.	5.5	5
2	Hall-Petch and grain growth kinetics of the low stacking fault energy TRIP Cr40Co40Ni20 multi-principal element alloy. <i>Applied Physics Letters</i> , 2021, 119, .	3.3	9
3	Stable Eutectic Formation in Spray-Formed Cast Iron. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2020, 51, 798-808.	2.2	2
4	Influence of Al Additions on the Microstructure and Mechanical Properties of a C and Si-Free High-Mn Steel. <i>Metals</i> , 2020, 10, 352.	2.3	3
5	Design of a FeMnAlC steel with TWIP effect and evaluation of its tensile and fatigue properties. <i>Journal of Alloys and Compounds</i> , 2020, 831, 154806.	5.5	19
6	Tailoring the microstructure of recycled 319 aluminum alloy aiming at high ductility. <i>Journal of Materials Research and Technology</i> , 2019, 8, 3539-3549.	5.8	16
7	Design and in-situ characterization of a strong and ductile co-rich multicomponent alloy with transformation induced plasticity. <i>Scripta Materialia</i> , 2019, 173, 70-74.	5.2	17
8	Effect of iron on the microstructure and mechanical properties of the spray-formed and rotary-swaged 319 aluminum alloy. <i>International Journal of Advanced Manufacturing Technology</i> , 2019, 102, 3879-3894.	3.0	15
9	Characterization and Corrosion Resistance of Boron-Containing-Austenitic Stainless Steels Produced by Rapid Solidification Techniques. <i>Materials</i> , 2018, 11, 2189.	2.9	18
10	Changing the solidification sequence and the morphology of iron-containing intermetallic phases in AA6061 aluminum alloy processed by spray forming. <i>Materials Characterization</i> , 2018, 145, 507-515.	4.4	18
11	Predicting the Formation of Intermetallic Phases in the Al-Si-Fe System with Mn Additions. <i>Journal of Phase Equilibria and Diffusion</i> , 2017, 38, 298-304.	1.4	19