Lucas B Otani

List of Publications by Year
in descending order

11 papers	141 citations	1163117 8 h-index	1281871 11 g-index
11 all docs	11 docs citations	11 times ranked	116 citing authors

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