

Mohammad Amin Jabbareh

List of Publications by Year in descending order

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9
papers

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9
docs citations

9
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermodynamic modeling of Ag – Cu nanoalloy phase diagram. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2018, 60, 208-213.	1.6	37
2	Size, shape and temperature dependent surface energy of binary alloy nanoparticles. Applied Surface Science, 2017, 426, 1094-1099.	6.1	29
3	Thermodynamic model for prediction of binary alloy nanoparticle phase diagram including size dependent surface tension effect. Calphad: Computer Coupling of Phase Diagrams and Thermochemistry, 2017, 58, 1-5.	1.6	26
4	Effect of mould design on the Niyama criteria during solidification of CH ₃ C ₈₀ t ingot. Ironmaking and Steelmaking, 2020, 47, 722-730.	2.1	10
5	Modeling of Grain Structure and Heat-Affected Zone in Laser Surface Melting Process. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2013, 44, 1041-1048.	2.1	8
6	Modelling of Microstructure Evolution during Laser Processing of Intermetallic Containing Ni-Al Alloys. Metals, 2021, 11, 1051.	2.3	5
7	Modeling the interfacial energy of embedded metallic nanoparticles. Journal of Physics and Chemistry of Solids, 2020, 138, 109261.	4.0	4
8	Modelling of Microstructure Evolution during Thermal Processes – A Hybrid Deterministic-Probabilistic Approach. Materials Science Forum, 0, 704-705, 63-70.	0.3	0
9	Revisiting The Phase Diagram of Au – Cu Alloy at Nanoscales. International Journal of Thermodynamics, 0, , 1-8.	1.0	0