

# Mohammad Amin Jabbareh

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4761800/publications.pdf>

Version: 2024-02-01

9  
papers

119  
citations

1684188  
5  
h-index

1720034  
7  
g-index

9  
all docs

9  
docs citations

9  
times ranked

125  
citing authors

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