

Nataliya N Perevoshchikova

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	The Effects of Selective Laser Melting Process Parameters on Relative Density of the AlSi10Mg Parts and Suitable Procedures of the Archimedes Method. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 583.	2.5	71
2	Optimisation of selective laser melting parameters for the Ni-based superalloy IN-738 LC using Doehlert's design. <i>Rapid Prototyping Journal</i> , 2017, 23, 881-892.	3.2	61
3	Investigation on the influence of thermomechanical conditions of induction and structure on the shape memory effects in Ti-Ni alloy. <i>Inorganic Materials: Applied Research</i> , 2010, 1, 188-194.	0.5	16
4	The design of hot-isostatic pressing schemes for Ti-5Al-5Mo-5V-3Cr (Ti-5553). <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2016, 657, 371-382.	5.6	12
5	A convex hull algorithm for a grid minimization of Gibbs energy as initial step in equilibrium calculations in two-phase multicomponent alloys. <i>Computational Materials Science</i> , 2012, 61, 54-66.	3.0	10
6	Investigation of the growth kinetics of β in Fe-C-X alloys with a thick interface model. <i>Computational Materials Science</i> , 2014, 82, 151-158.	3.0	8
7	Finite element analysis of the performance of additively manufactured scaffolds for scapholunate ligament reconstruction. <i>PLoS ONE</i> , 2021, 16, e0256528.	2.5	6
8	On Functional Behavior of Strain-Aged Ti-Ni Alloy. <i>Advances in Science and Technology</i> , 2008, 59, 162-167.	0.2	1
9	A Convex Hull Algorithm for Minimization of Gibbs Energy in Two-Phase Multicomponent Alloys. <i>Solid State Phenomena</i> , 0, 172-174, 1214-1219.	0.3	1