Majid Seyed-Salehi

List of Publications by Year
in descending order

15	213	1163117 8	996975 15
papers	citations	h-index	g-index

15	15	15	192
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Simulation of static recrystallization in non-isothermal annealing using a coupled cellular automata and finite element model. Computational Materials Science, 2012, 53, 145-152.	3.0	83
2	A neural network model for prediction of static recrystallization kinetics under non-isothermal conditions. Computational Materials Science, 2010, 49, 773-781.	3.0	24
3	Microstructure and Mechanical Properties of Copper Processed by Twist Extrusion with a Reduced Twist-Line Slope. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 2232-2241.	2.2	24
4	Simulation of static softening behavior of an aluminum alloy after cold strip rolling. Computational Materials Science, 2013, 69, 53-61.	3.0	18
5	Development of Fe3C, SiC and Al4C3 compounds during mechanical alloying. Journal of Materials Science, 2007, 42, 5911-5914.	3.7	16
6	Reconstruction of deformed microstructure using cellular automata method. Computational Materials Science, 2018, 149, 1-13.	3.0	12
7	Study of Geometrically Necessary Dislocations of a Partially Recrystallized Aluminum Alloy Using 2D EBSD. Microscopy and Microanalysis, 2019, 25, 656-663.	0.4	9
8	Comprehensive Study on Using VTBN Reactive Oligomer for Rubber Toughening of Epoxy Resin and Composite. Polymer-Plastics Technology and Engineering, 2016, 55, 343-355.	1.9	8
9	A Model to Predict Recrystallization Kinetics in Hot Strip Rolling Using Combined Artificial Neural Network and Finite Elements. Journal of Materials Engineering and Performance, 2009, 18, 1209-1217.	2.5	7
10	Role of Ca in hot compression behavior and microstructural stability of AlMg5 alloy during homogenization. Transactions of Nonferrous Metals Society of China, 2020, 30, 571-581.	4.2	6
11	A new model for the time delay between elastic and plastic wave fronts for shock waves propagating in solids. Shock Waves, 2019, 29, 451-469.	1.9	2
12	Dissolution Kinetics of Spheroidal-Shaped Precipitates in Age-Hardenable Aluminum Alloys. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2018, 49, 3584-3591.	2.2	1
13	Microstructural evolutions of newly developed ECO-7175 aluminum alloy during hot compression: The effect of Cr elimination. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 792, 139830.	5.6	1
14	Effect of Cr elimination on flow behavior and processing map of newly developed ECO-7175 aluminum alloy during hot compression. Transactions of Nonferrous Metals Society of China, 2022, 32, 1442-1459.	4.2	1
15	A modified cellular automata model for simulation of non-isothermal static recrystallization: a case study on pure copper annealing. Applied Physics A: Materials Science and Processing, 2022, 128, .	2.3	1