# Majid Seyed-Salehi

List of Publications by Year
in descending order

| 15 papers | 213 citations | 1163117<br>8 h-index | 996975<br>15 g-index |
|---|---|---|---|
| 15 all docs | 15 docs citations | 15 times ranked | 192 citing authors |

| # | Article | IF | Citations |
|---|---------|-----|-----------|
| 1 | 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 |
| 2 | 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 |
| 3 | Microstructural evolutions of newly developed ECO-7175 aluminum alloy during hot compression: The effect of Cr elimination. Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing, 2020, 792, 139830. | 5.6 | 1 |
| 4 | 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 |
| 5 | 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 |
| 6 | Study of Geometrically Necessary Dislocations of a Partially Recrystallized Aluminum Alloy Using 2D EBSD. Microscopy and Microanalysis, 2019, 25, 656-663. | 0.4 | 9 |
| 7 | Reconstruction of deformed microstructure using cellular automata method. Computational Materials Science, 2018, 149, 1-13. | 3.0 | 12 |
| 8 | 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 |
| 9 | 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 |
| 10 | 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 |
| 11 | Simulation of static softening behavior of an aluminum alloy after cold strip rolling. Computational Materials Science, 2013, 69, 53-61. | 3.0 | 18 |
| 12 | 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 |
| 13 | A neural network model for prediction of static recrystallization kinetics under non-isothermal conditions. Computational Materials Science, 2010, 49, 773-781. | 3.0 | 24 |
| 14 | 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 |
| 15 | Development of Fe3C, SiC and Al4C3 compounds during mechanical alloying. Journal of Materials Science, 2007, 42, 5911-5914. | 3.7 | 16 |