

# Mehdi Raeissi

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

14  
papers

105  
citations

5  
h-index

10  
g-index

14  
ext. papers

124  
ext. citations

3.5  
avg, IF

2.73  
L-index

#	Paper	IF	Citations
14	Effects of stirring parameters on rheocast structure of Al <sub>70</sub> .1wt.%Si alloy. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 470, 413-419	5.7	27
13	Growth of primary particles during secondary cooling of a rheocast alloy. <i>Journal of Alloys and Compounds</i> , <b>2009</b> , 475, 643-647	5.7	23
12	Investigation into thermal expansion coefficient, thermal conductivity and thermal stability of Al-graphite composite prepared by powder metallurgy. <i>Journal of Alloys and Compounds</i> , <b>2019</b> , 773, 503-510	5.7	23
11	Extraordinary strength and ductility obtained in transformation-induced plasticity steel by slightly modifying its chemical composition. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2017</b> , 702, 225-231	5.3	6
10	On the dilemma of shear and flow requirements for the evolution of semisolid microstructures. <i>Materials Letters</i> , <b>2012</b> , 68, 317-319	3.3	5
9	Modelling of shear induced coarsening of dendrites during semisolid processing. <i>Materials Science and Technology</i> , <b>2012</b> , 28, 1241-1245	1.5	4
8	Initial stages of solidification during semisolid processing of a transparent model material. <i>Materials Chemistry and Physics</i> , <b>2012</b> , 135, 738-748	4.4	4
7	Microstructural Modifications of Dual-Phase Steels: An Overview of Recent Progress and Challenges. <i>Steel Research International</i> , <b>2020</b> , 91, 2000178	1.6	3
6	EFFECTS OF APPLIED ELECTRIC CURRENT ON THE TIP RADIUS AND THE UNIVERSAL AMPLITUDE COEFFICIENT OF A SINGLE GROWING DENDRITE. <i>Surface Review and Letters</i> , <b>2016</b> , 23, 1550083	1.1	2
5	Promising effect of copper on the mechanical properties of transformation-induced plasticity steels. <i>Materials Science and Technology</i> , <b>2019</b> , 35, 1708-1716	1.5	2
4	Enhancement of the microstructure homogeneity and mechanical performance of the As-Cast Mg/Mg <sub>2</sub> Si in-situ composite through friction stir processing. <i>Materials Research Express</i> , <b>2019</b> , 6, 1065e7 <sup>1-7</sup>	1.7	2
3	Evaluation of cast-on-strap joints in lead-acid batteries. <i>Materials Characterization</i> , <b>2009</b> , 60, 1555-1560	3.9	2
2	Microstructure and mechanical properties of bimetallic copper/brass laminates fabricated via accumulative press bonding. <i>Materials Science &amp; Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , <b>2021</b> , 803, 140710	5.3	2
1	Laminated steel/aluminum composites: Improvement of mechanical properties by annealing treatment. <i>Materials Today Communications</i> , <b>2021</b> , 29, 102866	2.5	0