

Mehdi Raeissi

List of Publications by Year in Descending Order

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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	Laminated steel/aluminum composites: Improvement of mechanical properties by annealing treatment. <i>Materials Today Communications</i> , 2021 , 29, 102866	2.5	0
13	Microstructure and mechanical properties of bimetallic copper/brass laminates fabricated via accumulative press bonding. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2021 , 803, 140710	5.3	2
12	Microstructural Modifications of Dual-Phase Steels: An Overview of Recent Progress and Challenges. <i>Steel Research International</i> , 2020 , 91, 2000178	1.6	3
11	Promising effect of copper on the mechanical properties of transformation-induced plasticity steels. <i>Materials Science and Technology</i> , 2019 , 35, 1708-1716	1.5	2
10	Enhancement of the microstructure homogeneity and mechanical performance of the As-Cast Mg/Mg ₂ Si in-situ composite through friction stir processing. <i>Materials Research Express</i> , 2019 , 6, 1065e7 ¹⁻⁷	7 ¹⁻⁷	2
9	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> , 2019 , 773, 503-510	5.7	23
8	Extraordinary strength and ductility obtained in transformation-induced plasticity steel by slightly modifying its chemical composition. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017 , 702, 225-231	5.3	6
7	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> , 2016 , 23, 1550083	1.1	2
6	On the dilemma of shear and flow requirements for the evolution of semisolid microstructures. <i>Materials Letters</i> , 2012 , 68, 317-319	3.3	5
5	Modelling of shear induced coarsening of dendrites during semisolid processing. <i>Materials Science and Technology</i> , 2012 , 28, 1241-1245	1.5	4
4	Initial stages of solidification during semisolid processing of a transparent model material. <i>Materials Chemistry and Physics</i> , 2012 , 135, 738-748	4.4	4
3	Evaluation of cast-on-strap joints in lead-acid batteries. <i>Materials Characterization</i> , 2009 , 60, 1555-1560	3.9	2
2	Effects of stirring parameters on rheocast structure of Al-7.1wt.%Si alloy. <i>Journal of Alloys and Compounds</i> , 2009 , 470, 413-419	5.7	27
1	Growth of primary particles during secondary cooling of a rheocast alloy. <i>Journal of Alloys and Compounds</i> , 2009 , 475, 643-647	5.7	23