

Mohamad Reza Nasresfahani

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4108116/publications.pdf>

Version: 2024-02-01

16
papers

121
citations

1478505

6
h-index

1281871

11
g-index

16
all docs

16
docs citations

16
times ranked

93
citing authors

#	ARTICLE	IF	CITATIONS
1	Study of hot tearing of A206 aluminum alloy using Instrumented Constrained T-shaped Casting method. <i>Materials Characterization</i> , 2010, 61, 318-324.	4.4	39
2	A New Criterion for Prediction of Hot Tearing Susceptibility of Cast Alloys. <i>Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science</i> , 2014, 45, 3699-3702.	2.2	13
3	Research on the Effect of Pouring Temperature on Hot-Tear Susceptibility of A206 Alloy by Simulation. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2014, 45, 1827-1833.	2.1	13
4	Design of a new hot tearing test apparatus and modification of its operation. <i>Metals and Materials International</i> , 2010, 16, 35-38.	3.4	12
5	The influence of volume fraction of SiC particles on the properties of Al/SiCp nanocomposites produced by powder metallurgy with high energy ball milling. <i>Russian Journal of Non-Ferrous Metals</i> , 2016, 57, 728-733.	0.6	8
6	Development and characterization of Al/MWCNT/Al ₂ O ₃ hybrid composite by accumulative roll bonding. <i>Journal of Materials Science</i> , 2018, 53, 10812-10821.	3.7	8
7	Effect of Degassing on Hot Tearing Tendency of A206 Aluminum Cast Alloy. <i>International Journal of Metalcasting</i> , 2020, 14, 538-546.	1.9	8
8	Investigation into the kinetic behavior of molten aluminum pressureless infiltration into SiC preforms. <i>International Journal of Materials Research</i> , 2016, 107, 954-959.	0.3	4
9	Characterization of Al1100-RHA composite developed by accumulative roll bonding. <i>Journal of Composite Materials</i> , 2019, 53, 2047-2052.	2.4	4
10	Design, fabrication and testing of an apparatus for in-situ investigation of free dendritic growth under an applied electric field. <i>Journal of Crystal Growth</i> , 2015, 416, 169-174.	1.5	3
11	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	3
12	VIBRATION EFFECTS ON THE FABRICATION AND THE INTERFACE OF Al/SiC COMPOSITE PRODUCED BY THE PRESSURELESS INFILTRATION METHOD. <i>Surface Review and Letters</i> , 2018, 25, 1850089.	1.1	3
13	WEAR ANALYSIS OF ALUMINUM-NICKEL INTERMETALLIC SURFACE COMPOSITE FABRICATED BY FRICTION STIR PROCESSING. <i>Surface Review and Letters</i> , 2021, 28, 2050057.	1.1	2
14	FABRICATION OF IN SITU NICKEL INTERMETALLIC COMPOUND DISPERSED ALUMINUM MATRIX COMPOSITES BY FRICTION STIR PROCESS. <i>Surface Review and Letters</i> , 2018, 25, 1950010.	1.1	1
15	Evaluation of Lipton-Glicksman-Kurz Model for Free Dendritic Growth Under an Applied Electric Field. <i>Jom</i> , 2017, 69, 261-265.	1.9	0
16	Abnormal grain growth during annealing in the Al/Al ₂ O ₃ composite produced by accumulative roll bonding. <i>Materials Research Express</i> , 2020, 7, 046515.	1.6	0