

Amir

List of Publications by Year in descending order

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papers

388
citations

932766

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794141

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26
all docs

26
docs citations

26
times ranked

270
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of shot peening and artificial surface defects on fatigue properties of 50CrV4 steel. International Journal of Advanced Manufacturing Technology, 2021, 112, 2961-2970.	1.5	9
2	A New Design for Friction Stir Spot Joining of Al Alloys and Carbon Fiber-Reinforced Composites. Journal of Materials Engineering and Performance, 2020, 29, 4913-4921.	1.2	7
3	Investigating polyethersulfone interleaved Glass/Carbon hybrid composite under impact and its comparison with GLARE. Composite Structures, 2019, 226, 111268.	3.1	12
4	High-performance bio-inspired composite T-joints. Composites Science and Technology, 2019, 184, 107840.	3.8	33
5	Transient Rheological Behavior of Semisolid SEED-Processed 7075 Aluminum Alloys in Rapid Compression. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2018, 49, 2858-2867.	1.0	8
6	Effects of Iron-Rich Intermetallics and Grain Structure on Semisolid Tensile Properties of Al-Cu 206 Cast Alloys near Solidus Temperature. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2016, 47, 6466-6480.	1.1	17
7	Tensile Deformation Behavior of Al-Cu 206 Cast Alloys near the Solidus Temperature. Materials Science Forum, 2016, 877, 90-96.	0.3	2
8	Semisolid Forming of Thin Plates with Microscale Features. Procedia Engineering, 2014, 81, 63-73.	1.2	8
9	Rheoforging of thin case for IT devices with optimal process parameters and new type die design. Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science, 2014, 228, 1021-1028.	1.1	1
10	Effect of forming conditions on mechanical properties of rheoformed thin plates with microchannels using electromagnetic stirring. Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture, 2014, 228, 399-412.	1.5	8
11	Thixoforming A356 Aluminum Bipolar Plates at High Solid Fractions. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2014, 45, 363-371.	1.0	7
12	Thixoforging of Wrought Aluminum Thin Plates with Microchannels. Metallurgical and Materials Transactions A: Physical Metallurgy and Materials Science, 2014, 45, 2575-2589.	1.1	4
13	Mechanical Properties and Microstructure of Thin Plates of A6061 Wrought Aluminum Alloy Using Rheology Forging Process with Electromagnetic Stirring. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2014, 45, 1068-1080.	1.0	4
14	The effect of billets extruded by a curved and flat-face die on the semisolid characteristics and tensile properties of thixoformed products. International Journal of Advanced Manufacturing Technology, 2014, 70, 2139-2149.	1.5	7
15	Study on dimensional and corrosion properties of thixoformed A356 and AA7075 aluminum bipolar plates for proton exchange membrane fuel cells. Renewable Energy, 2014, 71, 616-628.	4.3	27
16	Thin-Plate Forming by Thixo- and Rheoforging. Advances in Mechanical Engineering, 2014, 6, 371469.	0.8	0
17	Tensile properties and microstructural characteristics of indirect rheoformed A356 aluminum alloy. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2013, 562, 1-8.	2.6	18
18	Characteristics of thixoformed A356 aluminum thin plates with microchannels. Materials Characterization, 2013, 82, 86-96.	1.9	12

#	ARTICLE	IF	CITATIONS
19	Processing of Low-Carbon Cast Steels for Offshore Structural Applications. Materials and Manufacturing Processes, 2013, 28, 1260-1267.	2.7	6
20	The effect of heat treatment on the mechanical properties of a low carbon steel (0.1%) for offshore structural application. Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials: Design and Applications, 2012, 226, 242-251.	0.7	3
21	Correlation between solid fraction and tensile properties of semisolid RAP processed aluminum alloys. Journal of Alloys and Compounds, 2012, 516, 192-200.	2.8	20
22	A study on semisolid processing of A356 aluminum alloy through vacuum-assisted electromagnetic stirring. International Journal of Advanced Manufacturing Technology, 2012, 58, 237-245.	1.5	35
23	Coarsening of equiaxed microstructure in the semisolid state of aluminum 7075 alloy through SIMA processing. Journal of Materials Science, 2012, 47, 3544-3553.	1.7	57
24	Study on the effects of the compression ratio and mushy zone heating on the thixotropic microstructure of AA 7075 aluminum alloy via SIMA process. Journal of Alloys and Compounds, 2011, 509, 402-408.	2.8	70
25	Microstructure and Rheological Properties of Semi-Solid 7075 Slurries Using SEED Rheocasting Process. Solid State Phenomena, 0, 256, 288-293.	0.3	13