

Rosli Ahmad

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7880815/publications.pdf>

Version: 2024-02-01

23
papers

271
citations

1478505

6
h-index

940533

16
g-index

23
all docs

23
docs citations

23
times ranked

236
citing authors

#	ARTICLE	IF	CITATIONS
1	Effect of a post-weld heat treatment on the mechanical and microstructure properties of AA6061 joints welded by the gas metal arc welding cold metal transfer method. <i>Materials & Design</i> , 2011, 32, 5120-5126.	5.1	114
2	Influence of Lanthanum on Solidification, Microstructure, and Mechanical Properties of Eutectic Al-Si Piston Alloy. <i>Journal of Materials Engineering and Performance</i> , 2016, 25, 2799-2813.	2.5	35
3	Reduction in secondary dendrite arm spacing in cast eutectic Al-Si piston alloys by cerium addition. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2017, 24, 91-101.	4.9	26
4	Influence of Cerium on Microstructure and Solidification of Eutectic Al-Si Piston Alloy. <i>Materials and Manufacturing Processes</i> , 2016, 31, 1948-1957.	4.7	22
5	Design Element Concept of squeeze casting process. <i>Applied Mathematical Modelling</i> , 2012, 36, 4760-4788.	4.2	17
6	Effect of Pouring Temperature on Microstructure Properties of Al-Si LM6 Alloy Sand Casting. <i>Applied Mechanics and Materials</i> , 0, 315, 856-860.	0.2	11
7	Effect of Vortex Runner Gating System on the Mechanical Strength of Al-12Si Alloy Castings. <i>Archives of Metallurgy and Materials</i> , 2011, 56, .	0.6	9
8	Solidification, microstructure, and mechanical properties of the as-cast ZRE1 magnesium alloy with different praseodymium contents. <i>International Journal of Minerals, Metallurgy and Materials</i> , 2017, 24, 1306-1320.	4.9	6
9	EFFECT OF AGING TIME ON MICROSTRUCTURE AND MECHANICAL PROPERTIES OF AA6061 FRICTION STIR WELDING JOINTS. <i>International Journal of Automotive and Mechanical Engineering</i> , 2015, 11, 2364-2372.	0.9	6
10	Fabrication of AA6061-0/RHA Surface Composite via Friction Stir Processing. <i>Applied Mechanics and Materials</i> , 2014, 660, 214-218.	0.2	5
11	Effect of rare earth addition on solidification characteristics and microstructure of ZRE1 magnesium cast alloy. <i>Advances in Materials and Processing Technologies</i> , 2017, 3, 418-427.	1.4	3
12	Experimental study of vortex flow induced by a vortex well in sand casting. <i>Revue De Metallurgie</i> , 2011, 108, 129-139.	0.3	2
13	Drying Comparison of Nonhygroscopic and Hygroscopic Materials. <i>Applied Mechanics and Materials</i> , 0, 465-466, 637-641.	0.2	2
14	Effect of High Cerium and Lanthanum on Impact Toughness of Al-11Si-Cu Eutectic Cast Alloy. <i>Applied Mechanics and Materials</i> , 2014, 660, 195-198.	0.2	2
15	Estimation of Water Desorption in Drying of Membrane Structure System. <i>Advanced Materials Research</i> , 0, 1004-1005, 405-408.	0.3	2
16	Effect of praseodymium and erbium additions on solidification characteristics, microstructure and mechanical properties of as-cast ZRE1-magnesium alloy. <i>Materialwissenschaft Und Werkstofftechnik</i> , 2017, 48, 218-225.	0.9	2
17	Surface modification of hypereutectic Al-Si alloy via friction stir process. <i>AIP Conference Proceedings</i> , 2017, , .	0.4	2
18	INVESTIGATION OF EPOXY POWDER COATED GALVANIZED STEEL SUBSTRATE THROUGH ELECTROSTATIC POWDER COATING SYSTEM. <i>International Journal of Automotive and Mechanical Engineering</i> , 2015, 11, 2622-2638.	0.9	2

#	ARTICLE	IF	CITATIONS
19	Design Element Concept of Die Casting Process. Applied Mechanics and Materials, 0, 121-126, 1620-1624.	0.2	1
20	The Effect of Microstructure and Mechanical Properties of Aluminium Aa6061 before and after Heat Treatment Using TIG. Applied Mechanics and Materials, 0, 465-466, 881-885.	0.2	1
21	Outcome of mix Ce and Er addition on solidification microstructure of the LM25 (Al-7Si-alloy). Materials Today: Proceedings, 2021, 39, 935-940.	1.8	1
22	Design sensitivity analysis of squeeze casting process. , 2010, , .		0
23	Solidification, Microstructure and Mechanical Properties of Mg-2.8Nd-1.5Gd-0.5Zn-0.5Zr Cast Alloy with Erbium Addition. MATEC Web of Conferences, 2018, 202, 01001.	0.2	0