

Khaled Ragab

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.

18
papers

124
citations

5
h-index

10
g-index

18
ext. papers

138
ext. citations

1.7
avg, IF

2.34
L-index

#	Paper	IF	Citations
18	Influence of Thermal Treatment and Design Parameters on the Fatigue Life of Automotive Control Arm Fabricated from A357 Semi-solid Alloy. <i>Minerals, Metals and Materials Series</i> , 2020 , 289-296	0.3	
17	Influence of Mg additions on solidification and performance of B206-type aluminum castings of high Fe and Si contents. <i>International Journal of Cast Metals Research</i> , 2018 , 31, 14-19	1	3
16	Development of fatigue analytical model of automotive dynamic parts made of semi-solid aluminum alloys. <i>Transactions of Nonferrous Metals Society of China</i> , 2018 , 28, 1226-1232	3.3	1
15	Influence of Thermal Aging Parameters on the Characteristics of Aluminum Semi-Solid Alloys. <i>Metals</i> , 2018 , 8, 746	2.3	3
14	Optimization of Casting Design Parameters on Fabrication of Reliable Semi-Solid Aluminum Suspension Control Arm. <i>Journal of Materials Engineering and Performance</i> , 2017 , 26, 4450-4461	1.6	5
13	Microstructural and mechanical features of aluminium semi-solid alloys made by rheocasting technique. <i>Materials Science and Technology</i> , 2017 , 33, 646-655	1.5	17
12	On the characteristics of automotive low arm-suspension system parts made of aluminum casting alloys. <i>International Journal of Cast Metals Research</i> , 2016 , 29, 129-136	1	4
11	Materials Performance and Design Analysis of Suspension Lower-Arm Fabricated from Al-Si-Mg Castings. <i>Key Engineering Materials</i> , 2016 , 710, 315-320	0.4	2
10	Fatigue Characteristics and Quality Index of A357 Type Semi-Solid Aluminum Castings Used for Automotive Application. <i>Journal of Materials Engineering and Performance</i> , 2015 , 24, 3084-3092	1.6	10
9	Influence of thermal treatment media on characteristics of AlZnMg alloys. <i>International Journal of Cast Metals Research</i> , 2015 , 28, 257-262	1	3
8	Effect of multi-temperature aging on the characterization of aluminum based castings heat treated using fluidized bed technique. <i>Metals and Materials International</i> , 2013 , 19, 783-802	2.4	1
7	Influence of Fluidized Bed Quenching on the Mechanical Properties and Quality Index of T6 Tempered B319.2-Type Aluminum Alloys. <i>Journal of Materials Engineering and Performance</i> , 2013 , 22, 3476-3489	1.6	1
6	Early decomposition of supersaturated solid solutions of AlZnMg casting alloys. <i>Materials & Design</i> , 2013 , 50, 606-612		16
5	Mechanical characterisation and quality index of A356-type aluminium castings heat treated using fluidised bed quenching. <i>Materials Science and Technology</i> , 2013 , 29, 412-425	1.5	4
4	Corrosive wear characteristics of bronze friction resisting composites. <i>Tribology - Materials, Surfaces and Interfaces</i> , 2013 , 7, 52-59	1.4	
3	Effect of rapid heating on quality assessment of 356 and 319 aluminium cast alloys using fluidised bed. <i>International Journal of Cast Metals Research</i> , 2012 , 25, 129-143	1	2
2	Influence of fluidized sand bed heat treatment on the performance of AlSi cast alloys. <i>Materials & Design</i> , 2011 , 32, 1177-1193		17

- 1 Influence of SiC, SiO₂ and graphite on corrosive wear of bronze composites subjected to acid rain. *Tribology International*, **2010**, 43, 594-601 4.9 35