Lucia Lattanzi

List of Publications by Year
in descending order

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14 papers	103 citations	1307594 7 h-index	1372567 10 g-index
14 all docs	14 docs citations	14 times ranked	76 citing authors

#	Article	IF	Citations
1	Effects of microstructure and casting defects on the fatigue behavior of the high-pressure die-cast AlSi9Cu3(Fe) alloy. Procedia Structural Integrity, 2017, 7, 505-512.	0.8	23
2	Comprehensive Evaluation of Modification Level Assessment in Sr-Modified Aluminium Alloys. International Journal of Metalcasting, 2018, 12, 697-711.	1.9	12
3	The effect of Ni and Zr additions on hardness, elastic modulus and wear performance of Al-SiCp composite. Tribology International, 2022, 169, 107478.	5.9	11
4	The complex interaction between microstructural features and crack evolution during cyclic testing in heat-treated Alâ€“Siâ€“Mgâ€“Cu cast alloys. Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing, 2021, 825, 141930.	5.6	10
5	THE influence of copper addition on crack initiation and propagation in an Alâ€“Siâ€“Mg alloy during cyclic testing. Materialia, 2020, 12, 100787.	2.7	9
6	On the Hardness and Elastic Modulus of Phases in SiC-Reinforced Al Composite: Role of La and Ce Addition. Materials, 2021, 14, 6287.	2.9	8
7	Room Temperature Mechanical Properties of A356 Alloy with Ni Additions from 0.5 Wt to 2 Wt %. Metals, 2018, 8, 224.	2.3	7
8	The Influence of Ce, La, and SiC Particles Addition on the Formability of an Al-Si-Cu-Mg-Fe SiCp-MMC. Materials, 2022, 15, 3789.	2.9	7
9	The Effect of Co-Deposition of SiC Sub-Micron Particles and Heat Treatment on Wear Behaviour of Niâ€“P Coatings. Coatings, 2021, 11, 180.	2.6	5
10	The influence of Ni and Zr additions on the hot compression properties of Al-SiCp composites. Journal of Alloys and Compounds, 2022, 905, 164160.	5.5	5
11	Effect of Thermal Exposure Simulating Vapor Deposition on the Impact Behavior of Additively Manufactured AlSi10Mg Alloy. Journal of Materials Engineering and Performance, 2022, 31, 2859-2869.	2.5	4
12	Thermal Analysis for the Prediction of Grain Refinement: An Experimental Investigation on an AlSiMg Foundry Alloy. Materials Science Forum, 2018, 941, 1029-1034.	0.3	1
13	Investigation on Resource-Efficient Aluminium Recycling â€“ A State of the Art Review. Advances in Transdisciplinary Engineering, 2022, , .	0.1	1
14	The Influence of Copper Addition on Crack Initiation and Propagation in an Al-Si-Mg Alloy During Cyclic Testing. SSRN Electronic Journal, 0, , .	0.4	0