

Jose Alberto Muñiz-Lerma

List of Publications by Year in descending order

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13
papers

649
citations

1039880

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1125617

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13
docs citations

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times ranked

675
citing authors

#	ARTICLE	IF	CITATIONS
1	Microstructure and mechanical properties at room and elevated temperature of crack-free Hastelloy X fabricated by laser powder bed fusion. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2020, 780, 139177.	2.6	35
2	Crystallographic-orientation-dependent tensile behaviours of stainless steel 316L fabricated by laser powder bed fusion. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2019, 766, 138395.	2.6	118
3	Characterization of single crystalline austenitic stainless steel thin struts processed by laser powder bed fusion. <i>Scripta Materialia</i> , 2019, 163, 51-56.	2.6	49
4	A Comprehensive Approach to Powder Feedstock Characterization for Powder Bed Fusion Additive Manufacturing: A Case Study on AlSi7Mg. <i>Materials</i> , 2018, 11, 2386.	1.3	77
5	Microstructure and mechanical properties of stainless steel 316L vertical struts manufactured by laser powder bed fusion process. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2018, 736, 27-40.	2.6	134
6	Fabrication of Crack-Free Nickel-Based Superalloy Considered Non-Weldable during Laser Powder Bed Fusion. <i>Materials</i> , 2018, 11, 1288.	1.3	47
7	Fractional Crystallization Model of Multicomponent Aluminum Alloys: A Case Study of Aircraft Recycling. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2017, 48, 1024-1034.	1.0	7
8	Spark Plasma Sintering and Upsetting of a Gas-Atomized/Air-Atomized Al Alloy Powder Mixture. <i>Journal of Materials Engineering and Performance</i> , 2017, 26, 5097-5106.	1.2	2
9	Nickel-based superalloy microstructure obtained by pulsed laser powder bed fusion. <i>Materials Characterization</i> , 2017, 131, 306-315.	1.9	54
10	Spark plasma sintering and spark plasma upsetting of an Al-Zn-Mg-Cu alloy. <i>Materials Science & Engineering A: Structural Materials: Properties, Microstructure and Processing</i> , 2017, 704, 154-163.	2.6	12
11	Microstructure and mechanical property considerations in additive manufacturing of aluminum alloys. <i>MRS Bulletin</i> , 2016, 41, 745-751.	1.7	104
12	Thermal Decoating of Aerospace Aluminum Alloys for Aircraft Recycling. <i>Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science</i> , 2016, 47, 1976-1985.	1.0	5
13	Synthesis of Hierarchical Dorsal Spine Structures by a Solid-Vapor Reaction: The Effect of Reagent Gas Composition. <i>Journal of Nanomaterials</i> , 2012, 2012, 1-5.	1.5	5