

Diego Fernandino

List of Publications by Year in descending order

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papers

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citations

1307594

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117
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of Microshrinkage Cavities on the Plastic Deformation and Fracture Under Tensile Loading in Ferritic Ductile Iron. <i>International Journal of Metalcasting</i> , 2021, 15, 1084-1090.	1.9	0
2	Micromechanical characterization of ferritic ductile cast iron by using instrumented indentation and atomic force microscopy. <i>Material Design and Processing Communications</i> , 2021, 3, e206.	0.9	0
3	Study of Sphericity and Compactness Parameters in Spheroidal Graphite Iron Using X-Ray Micro-computed Tomography and Image Processing. <i>Journal of Nondestructive Evaluation</i> , 2021, 40, 1.	2.4	1
4	Microstrain measurements and damage analysis during tensile loading of intercritical austempered ductile iron. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2020, 43, 2744-2755.	3.4	1
5	Relation between microstructural heterogeneities and damage mechanisms of a ferritic spheroidal graphite cast iron during tensile loading. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2020, 43, 1262-1273.	3.4	11
6	Damage evolution during tensile test of austempered ductile iron partially austenized. <i>Material Design and Processing Communications</i> , 2020, 2, e157.	0.9	2
7	In-situ microscopic analysis of ferritic ductile iron during tensile loading: Relation between matrix heterogeneities and damage mechanisms. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2019, 42, 2220-2231.	3.4	7
8	Multi-scale analysis of the early damage mechanics of ferritized ductile iron. <i>International Journal of Fracture</i> , 2017, 207, 1-26.	2.2	20
9	Damaging micromechanisms in an as cast ferritic and a ferritized ductile cast iron. <i>Procedia Structural Integrity</i> , 2017, 3, 201-207.	0.8	16
10	Fractographic analysis of austempered ductile iron. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2016, 39, 583-598.	3.4	8
11	Determination of effective elastic properties of ferritic ductile cast iron by computational homogenization, micrographs and microindentation tests. <i>Mechanics of Materials</i> , 2015, 83, 110-121.	3.2	24
12	Fracture of pearlitic ductile cast iron under different loading conditions. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2015, 38, 80-90.	3.4	9
13	Study of the fracture of ferritic ductile cast iron under different loading conditions. <i>Fatigue and Fracture of Engineering Materials and Structures</i> , 2015, 38, 610-620.	3.4	18
14	Characterization of the austemperability of partially austenitized ductile iron. <i>Journal of Materials Processing Technology</i> , 2013, 213, 1801-1809.	6.3	14
15	Mechanism of Damage of Ferritic Ductile Iron, Influence of Matrix Heterogeneity. <i>Materials Science Forum</i> , 0, 925, 288-295.	0.3	3