Diego Fernandino

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/9406115/publications.pdf

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15	134	1307594	1199594
papers	citations	7	12
		h-index	g-index

15	15	15	117
all docs	docs citations	times ranked	citing authors

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