Alejandro Basso

List of Publications by Year
in descending order

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21 papers	144 citations	1307594 7 h-index	1281871 11 g-index
21 all docs	21 docs citations	21 times ranked	78 citing authors

#	Article	IF	Citations
1	Mechanical Characterization of Dual Phase Austempered Ductile Iron. ISIJ International, 2010, 50, 302-306.	1.4	23
2	Development and Characterization of a New Type of Ductile Iron with a Novel Multi-phase Microstructure. ISIJ International, 2011, 51, 645-650.	1.4	21
3	High Silicon Ductile Iron: Possible Uses in the Production of Parts with ^|^ldquo;Dual Phase ADI^|^rdquo; Microstructure. ISIJ International, 2012, 52, 1130-1134.	1.4	14
4	Wear Behavior of Carbidic Ductile Iron with Different Matrices and Carbide Distribution. Tribology Transactions, 2013, 56, 33-40.	2.0	13
5	Development of High Silicon Dual Phase Austempered Ductile Iron. ISIJ International, 2015, 55, 1106-1113.	1.4	13
6	Rolling contact fatigue behavior of dual-phase austempered ductile iron. Wear, 2019, 418-419, 208-214.	3.1	13
7	Macro and microstructural characterisation of high Si cast steels â€“ Study of microsegregation patterns. International Journal of Cast Metals Research, 2017, 30, 103-111.	1.0	9
8	Study of dimensional change of high-silicon ductile iron with ADI and Dual-Phase-ADI microstructures starting from different as-cast structures. International Journal of Cast Metals Research, 2018, 31, 144-152.	1.0	7
9	Assessment of the austemperability of high-silicon cast steels through Jominy hardenability tests. Materials Science and Technology, 2018, 34, 1990-2000.	1.6	7
10	Characteristics of the Transformations Occurring within the Intercritical Interval of Ductile Iron. Key Engineering Materials, 2010, 457, 145-150.	0.4	5
11	Study of austempering kinetics of high silicon bainitic cast steels. International Journal of Cast Metals Research, 2019, 32, 21-30.	1.0	4
12	Effect of the Microsegregation on Martensitic and Bainitic Reactions in a High Carbon-High Silicon Cast Steel. Metals, 2020, 10, 574.	2.3	4
13	Effect of Microsegregation and Bainitic Reaction Temperature on the Microstructure and Mechanical Properties of a High-Carbon and High-Silicon Cast Steel. Metals, 2021, 11, 220.	2.3	4
14	Mechanical properties of a carbide-free bainitic cast steel with dispersed free ferrite. Materials Science and Technology, 2020, 36, 108-117.	1.6	2
15	Influence of silicon content on mechanical properties of IADI obtained from as cast microstructures. International Journal of Cast Metals Research, 2020, 33, 72-79.	1.0	2
16	Effect of the ratio Mo/Cr in the precipitation and distribution of carbides in alloyed nodular iron. Materials Research Society Symposia Proceedings, 2012, 1485, 113-118.	0.1	1
17	Development of ultra-high strength carbide-free bainitic cast steels. International Journal of Cast Metals Research, 2020, 33, 258-265.	1.0	1
18	Influence of the Austempering Time on the Mechanical Properties of Carbide-Free Bainitic Cast Steels. International Journal of Metalcasting, 2021, 15, 906-915.	1.9	1

#	Article	IF	Citations
19	Effect of cooling rate on the formation and distribution of carbides in nodular iron alloyed with Cr. Materials Research Society Symposia Proceedings, 2012, 1485, 125-129.	0.1	0
20	Influence of the Chemical Composition on the Ausferritic Transformation in Carbide-Free Bainitic Cast Steel. Materials Science Forum, 0, 793, 85-91.	0.3	0
21	Influence of Free Ferrite on the Mechanical Properties of High Strength Intercritical Austempered Ductile Iron. Frattura Ed Integrita Strutturale, 2022, 16, 519-529.	0.9	0