

Marco Antonio DoÃ±u Ruiz

List of Publications by Year in descending order

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34
papers

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1478505

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35
docs citations

35
times ranked

143
citing authors

#	ARTICLE	IF	CITATIONS
1	Micro-abrasive wear behavior by the ball cratering technique on AISI L6 steel for agricultural application. <i>Materials Letters</i> , 2021, 283, 128904.	2.6	7
2	Effect of the Boron Powder on Surface AISI W2 Steel: Experiments and Modelling. <i>Advances in Materials Science and Engineering</i> , 2021, 2021, 1-9.	1.8	3
3	Analysis of the wear mechanisms of the boriding drill tip. <i>Microscopy and Microanalysis</i> , 2021, 27, 3406-3408.	0.4	3
4	Duplex surface treatment on microalloy steels by dehydrated paste pack boriding and pack carburizing. <i>Materials Letters</i> , 2020, 280, 128573.	2.6	3
5	Numerical Model of Ultra-High Molecular Weight Polyethylene Abrasive Wear Tests. <i>Modeling and Numerical Simulation of Material Science</i> , 2020, 10, 1-14.	0.3	3
6	A Microstructure Obtained on AISI 1018 and AISI M2 Steel by Powder Paste Pack Boriding Process. <i>Microscopy and Microanalysis</i> , 2019, 25, 2398-2399.	0.4	5
7	Evaluation of properties in steel with boride coatings under hydrogen. <i>Surface and Coatings Technology</i> , 2019, 377, 124880.	4.8	7
8	Analysis Microstructural on Gray Cast Iron Boriding and Hydrogen of Permeation. <i>Microscopy and Microanalysis</i> , 2019, 25, 1602-1603.	0.4	4
9	Microstructural Characterization of the Effect Cementation Treatment on Microalloyed Steel Boronizing. <i>Microscopy and Microanalysis</i> , 2019, 25, 2338-2339.	0.4	1
10	Microstructural Characterization on AISI H13 Nitrided After a Heat Treatment. <i>Microscopy and Microanalysis</i> , 2019, 25, 2396-2397.	0.4	0
11	Characterization and Study Hard Layer on Steels Grade Machinery. <i>Defect and Diffusion Forum</i> , 2017, 371, 1-7.	0.4	4
12	Effect of Hydrogen on the Mechanical Behavior on AISI 4140 with Borided Coatings. <i>Defect and Diffusion Forum</i> , 2017, 371, 8-13.	0.4	1
13	Analysis of Bone Plate with Different Material in Terms of Stress Distribution. <i>Defect and Diffusion Forum</i> , 2017, 371, 18-24.	0.4	2
14	Effect of Hydrogen on a Microalloyed Steel Permeate. , 2017, , 99-106.		0
15	Growth Kinetics and Mechanical Characterization of a Hard Boron Coating on a Tool Steel. <i>Defect and Diffusion Forum</i> , 2017, 380, 29-34.	0.4	5
16	Study and Properties of a Steel Microalloyed Hardened Superficially. <i>Defect and Diffusion Forum</i> , 2015, 365, 122-127.	0.4	2
17	Growth kinetics of boride coatings formed at the surface AISI M2 during dehydrated paste pack boriding. <i>Thin Solid Films</i> , 2015, 596, 147-154.	1.8	36
18	Characterization of Adherence Steels Hardened Superficially. <i>Materials Research Society Symposia Proceedings</i> , 2014, 1616, 1.	0.1	1

#	ARTICLE	IF	CITATIONS
19	Study of Hydrogen Permeation in a Micro-Alloyed Heat Treated Steel. Defect and Diffusion Forum, 2014, 353, 165-170.	0.4	2
20	Formation of Hard Layers in Tool Steels. Advanced Materials Research, 2013, 690-693, 2059-2062.	0.3	3
21	Evaluation Hard Layers in Steel AISI 8620. Advanced Materials Research, 2013, 690-693, 2055-2058.	0.3	4
22	Diffusion of Hard Coatings on Ductile Cast Iron. Materials Research Society Symposia Proceedings, 2012, 1481, 105-112.	0.1	9
23	Effect of the Aging Treatment in Micro-Alloyed Steel. Materials Research Society Symposia Proceedings, 2012, 1481, 55-61.	0.1	0
24	Effect of Hydrogen on Mechanical Properties of Aluminum AA 6061 Alloy Hardened by Precipitation. Materials Research Society Symposia Proceedings, 2012, 1373, 95.	0.1	0
25	Characterization Microstructural and Mechanical of X-60 Steel Heat-Treated. Materials Research Society Symposia Proceedings, 2012, 1481, 63-69.	0.1	0
26	Interfacial indentation test of FeB/Fe2B coatings. Surface and Coatings Technology, 2011, 206, 1809-1815.	4.8	34
27	Formation and kinetics of FeB/Fe2B layers and diffusion zone at the surface of AISI 316 borided steels. Surface and Coatings Technology, 2010, 205, 403-412.	4.8	114
28	Fracture Indentation on AISI 1018 Borided Steels. Key Engineering Materials, 0, 449, 9-14.	0.4	2
29	Study of Surface Hardening to Injectors of Gasoline. Advanced Materials Research, 0, 538-541, 239-242.	0.3	4
30	Study of Adhesion in Steels Surface Hardened. Advanced Materials Research, 0, 535-537, 513-516.	0.3	4
31	Effect of Hard Coatings on Surface Gray Iron on Fracture Toughness. Defect and Diffusion Forum, 0, 353, 248-253.	0.4	1
32	Effect of Hydrogen on the Mechanical Behavior of API X70 Ageing. Defect and Diffusion Forum, 0, 353, 159-164.	0.4	3
33	Mechanical Behavior of Iron Boride Formed in the Surface of an AISI W2. Defect and Diffusion Forum, 0, 365, 142-147.	0.4	1
34	Mechanical Behavior on Cr Base Steels Surface Treatment. Defect and Diffusion Forum, 0, 365, 148-153.	0.4	1