Daniel Mareci

List of Publications by Year
in descending order

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29	622	759233 12	580821 25
papers	citations	h-index	g-index

30	30	30	666
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	New Ti-6Al-2Nb-2Ta-1Mo alloy as implant biomaterial: In vitro corrosion and in vivo osseointegration evaluations. Materials Chemistry and Physics, 2020, 240, 122229.	4.0	16
2	REMOVED: In vitro corrosion resistance and in vivo osseointegration testing of new multifunctional beta-type quaternary TiMoZrTa alloys. Materials Science and Engineering C, 2020, 108, 110485.	7.3	6
3	Improvement of the Corrosion Resistance of Biomedical Zr-Ti Alloys Using a Thermal Oxidation Treatment. Metals, 2020, 10, 166.	2.3	4
4	Osseointegration evaluation of ZrTi alloys with hydroxyapatite-zirconia-silver layer in pig's tibiae. Applied Surface Science, 2019, 487, 127-137.	6.1	14
5	Electrochemical characterization of pulsed layer deposited hydroxyapatite-zirconia layers on Ti-21Nb-15Ta-6Zr alloy for biomedical application. Applied Surface Science, 2016, 385, 368-378.	6.1	28
6	Electrochemical characterization of Ti12Mo5Ta alloys in contact with saline medium. Transactions of Nonferrous Metals Society of China, 2015, 25, 345-352.	4.2	5
7	Multiscale Electrochemical Investigation of the Corrosion Resistance of Various Alloys Used in Dental Prostheses. Metallurgical and Materials Transactions B: Process Metallurgy and Materials Processing Science, 2015, 46, 1011-1021.	2.1	5
8	Prediction of Corrosion Resistance of Some Dental Metallic Materials with an Adaptive Regression Model. Jom, 2015, 67, 767-774.	1.9	9
9	ELECTROCHEMICAL AND SEM CHARACTERIZATION OF YsZ COATED CoCrMo ALLOY PROCESSED BY PLASMA SPRAYED TECHNIQUE. Environmental Engineering and Management Journal, 2015, 14, 2719-2724.	0.6	0
10	Influence of caffeine and temperature on corrosion-resistance of CoCrMo alloy. Chemical Papers, 2014, 68, .	2.2	9
11	Behavior of Dental/Implant Alloys in Commercial Mouthwash Solution Studied by Electrochemical Techniques. Journal of Materials Engineering and Performance, 2013, 22, 882-889.	2.5	3
12	Electrochemical behaviour of Ti alloys containing Mo and Ta as Î²-stabilizer elements for dental application. Transactions of Nonferrous Metals Society of China, 2013, 23, 3829-3836.	4.2	24
13	The estimation of corrosion behaviour of ZrTi binary alloys for dental applications using electrochemical techniques. Materials Chemistry and Physics, 2013, 141, 362-369.	4.0	26
14	Electrochemical characterization of ZrTi alloys for biomedical applications. Electrochimica Acta, 2013, 88, 447-456.	5.2	77
15	Electrochemical characterization of ZrTi alloys for biomedical applications. Part 2: The effect of thermal oxidation. Electrochimica Acta, 2013, 106, 432-439.	5.2	29
16	Evaluation of the corrosion resistance of new ZrTi alloys by experiment and simulation with an adaptive instance-based regression model. Corrosion Science, 2013, 73, 106-122.	6.6	23
17	The Estimation of Corrosion Behavior of NiTi and NiTiNb Alloys Using Dynamic Electrochemical Impedance Spectroscopy. Journal of Spectroscopy, 2013, 2013, 1-7.	1.3	24
18	The Estimation of Localized Corrosion Behavior of Ni-Based Dental Alloys Using Electrochemical Techniques. Journal of Materials Engineering and Performance, 2012, 21, 1431-1439.	2.5	11

#	Article	IF	Citations
19	On the correlation between thermal analysis results and corrosion behaviour of some metallic religious artefacts. Journal of Thermal Analysis and Calorimetry, 2011, 104, 423-430.	3.6	4
20	HSLA STEEL AND CAST IRON CORROSION IN NATURAL SEAWATER. Environmental Engineering and Management Journal, 2011, 10, 1951-1958.	0.6	6
21	Corrosion behaviour of Î²-Ti20Mo alloy in artificial saliva. Journal of Materials Science: Materials in Medicine, 2010, 21, 2907-2913.	3.6	44
22	Corrosion resistance improvement of titanium base alloys. Quimica Nova, 2010, 33, 1892-1896.	0.3	27
23	IN VITRO CORROSION STUDY BY ELECTROCHEMICAL AND SURFACE ANALYSIS TECHNIQUES OF A TI50TA ALLOY FOR DENTAL APPLICATIONS. Environmental Engineering and Management Journal, 2010, 9, 81-87.	0.6	5
24	Comparative corrosion study of Tiâ€“Ta alloys for dental applications. Acta Biomaterialia, 2009, 5, 3625-3639.	8.3	197
25	ELECTROCHEMICAL CHARACTERISTICS OF TI6AL7NB ALLOY IN RINGER'S SOLUTION. Environmental Engineering and Management Journal, 2009, 8, 29-36.	0.6	3
26	COMPARATIVE CORROSION STUDY OF NON-PRECIOUS Ni/Cr-BASED SOFT ALLOYS IN VIEW OF DENTAL APPLICATIONS. Environmental Engineering and Management Journal, 2008, 7, 41-49.	0.6	4
27	EFFECT OF VANADIUM REPLACEMENT BY ZIRCONIUM ON THE ELECTROCHEMICAL BEHAVIOR OF Ti6Al4V ALLOY IN RINGER'S SOLUTION. Environmental Engineering and Management Journal, 2008, 7, 701-706.	0.6	10
28	LOW-CARBON STEELS CORROSION IN WATER-CONTAMINATED ORGANIC MIXTURES OF ADIPIC ACID AND METHANOL. Environmental Engineering and Management Journal, 2008, 7, 409-412.	0.6	0
29	Electrochemical behaviour of titanium alloys in artificial saliva. Journal of the Serbian Chemical Society, 2005, 70, 891-897.	0.8	9