

Cláudia E B Marino

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8454772/publications.pdf>

Version: 2024-02-01

53
papers

1,531
citations

331259

21
h-index

301761

39
g-index

53
all docs

53
docs citations

53
times ranked

1879
citing authors

#	ARTICLE	IF	CITATIONS
1	Plasma-Assisted Silver Deposition on Titanium Surface: Biocompatibility and Bactericidal Effect. <i>Materials Research</i> , 2021, 24, .	0.6	1
2	Bioactive response of PMMA coating obtained by electrospinning on ISO5832-9 and Ti6Al4V biomaterials. <i>Surface and Coatings Technology</i> , 2021, 412, 127033.	2.2	7
3	Effect of nitrogen plasma immersion ion implantation on the corrosion protection mechanisms of different stainless steels. <i>Materials Today Communications</i> , 2021, 28, 102655.	0.9	14
4	A sustainable alkaline membrane fuel cell (SAMFC) stack characterization, model validation and optimal operation. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 5723-5733.	3.8	4
5	Benzotriazole encapsulation in spray-dried carboxymethylcellulose microspheres for active corrosion protection of carbon steel. <i>Progress in Organic Coatings</i> , 2020, 138, 105329.	1.9	24
6	Performance of commercial LDH traps for chloride ion in a commercial corrosion protection primer for petrochemical industry. <i>Corrosion Engineering Science and Technology</i> , 2020, 55, 66-74.	0.7	10
7	Synthesis and characterization of gordaite, osakaite and simonkolleite by different methods: Comparison, phase interconversion, and potential corrosion protection applications. <i>Journal of Solid State Chemistry</i> , 2020, 291, 121595.	1.4	9
8	pH-sensitive microcapsules based on biopolymers for active corrosion protection of carbon steel at different pH. <i>Surface and Coatings Technology</i> , 2020, 402, 126338.	2.2	26
9	Effects of harmonic structure on the electrochemical behavior of biomedical Ti6Al4V. <i>Materials Today: Proceedings</i> , 2020, 33, 1804-1808.	0.9	0
10	Zinc-Layered Hydroxide Salt Intercalated with Molybdate Anions as a New Smart Nanocontainer for Active Corrosion Protection of Carbon Steel. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 19823-19833.	4.0	42
11	AÃS INOXIDÃVEIS APLICADOS NA INDÃSTRIA PETROQUÃMICA: ESTUDO COMPARATIVO DA RESISTÃNCIA Ã CORROSÃO POR TÃCNICAS ELETROQUÃMICAS. <i>Tecnologia Em Metalurgia, Materiais E Mineracao</i> , 2020, 17, 61-70.	0.1	1
12	Surface treatment with silver particles isles on Titanium cp: study of antimicrobial activity. <i>Research, Society and Development</i> , 2020, 9, e27942662.	0.0	1
13	Zirconia activation by ultraviolet irradiation and O ₂ plasma to obtain hydrophilic surface for implantology. <i>Materials Research Express</i> , 2019, 6, 085414.	0.8	0
14	Silica/chitosan hybrid particles for smart release of the corrosion inhibitor benzotriazole. <i>European Polymer Journal</i> , 2019, 115, 86-98.	2.6	25
15	On the Global and Localised Corrosion Behaviour of the AA2524-T3 Aluminium Alloy Used as Aircraft Fuselage Skin. <i>Materials Research</i> , 2019, 22, .	0.6	10
16	Synthesis and characterization of microalgae fatty acids or Aloe vera oil microcapsules. <i>Polimeros</i> , 2019, 29, .	0.2	7
17	Influence of DLC Film Deposition on the Corrosion and Micro-abrasive Wear Tests of the 2524-T3 Al Alloy. <i>Orbital</i> , 2019, 11, .	0.1	0
18	Smart coating based on double stimuli-responsive microcapsules containing linseed oil and benzotriazole for active corrosion protection. <i>Corrosion Science</i> , 2018, 130, 56-63.	3.0	140

#	ARTICLE	IF	CITATIONS
19	Performance of nitrogen ion-implanted supermartensitic stainless steel in chlorine- and hydrogen-rich environments. <i>Surface and Coatings Technology</i> , 2018, 351, 29-41.	2.2	17
20	Modification of Optical and Electrical Characteristics of PEDOT:PSS by Umbelliferone Addition: Optical and Electrical Characterization of Umbelliferone Doped PEDOT:PSS for Photovoltaic Applications. <i>Current Nanoscience</i> , 2018, 14, 403-409.	0.7	0
21	Electrochemical stability of binary TiNb for biomedical applications. <i>Materials Research Express</i> , 2017, 4, 075402.	0.8	8
22	Performance of Portland cement concretes with 1% nano-Fe ₃ O ₄ addition: Electrochemical stability under chloride and sulfate environments. <i>Construction and Building Materials</i> , 2016, 117, 152-162.	3.2	63
23	Bioactivity of self-organized TiO ₂ nanotubes used as surface treatment on Ti biomaterials. <i>Materials Research Express</i> , 2016, 3, 035401.	0.8	11
24	Efficiency Enhancement of TiO ₂ Nanosponge/Spin-Coated P3HT Solar Cells Through the Use of Umbelliferone. <i>Current Nanoscience</i> , 2016, 12, 611-616.	0.7	0
25	Oxide Formation on NiTi Surface: Influence of the Heat Treatment Time to Achieve the Shape Memory. <i>Materials Research</i> , 2015, 18, 1053-1061.	0.6	26
26	Growth and Electrochemical Stability of Compact Tantalum Oxides Obtained in Different Electrolytes for Biomedical Applications. <i>Materials Research</i> , 2015, 18, 91-97.	0.6	21
27	Electrochemical Stability and Bioactivity Evaluation of Ti6Al4V Surface Coated with Thin Oxide by EIS for Biomedical Applications. <i>Materials Research</i> , 2015, 18, 602-607.	0.6	14
28	The Electrochemical Behavior of the NiTi Alloy in Different Simulated Body Fluids. <i>Materials Research</i> , 2015, 18, 184-190.	0.6	25
29	Titanium bioactivity surfaces obtained by chemical/electrochemical treatments. <i>Revista Materia</i> , 2014, 19, 16-23.	0.1	6
30	Elastic modulus evaluation of Titania nanotubes obtained by anodic oxidation. <i>Revista Materia</i> , 2014, 19, 33-39.	0.1	7
31	SVET, SKP and EIS study of the corrosion behaviour of high strength Al and Al-Li alloys used in aircraft fabrication. <i>Corrosion Science</i> , 2014, 84, 30-41.	3.0	170
32	Electrochemical impedance behavior of mortar subjected to a sulfate environment – A comparison with chloride exposure models. <i>Construction and Building Materials</i> , 2014, 68, 650-658.	3.2	32
33	Growth and electrochemical stability of self-organized TiO ₂ nanotubes on Ti-2 grade and orthopedic Ti6Al4V alloy for biomedical application. <i>Revista Materia</i> , 2014, 19, 53-60.	0.1	7
34	Influence of Surface Microstructure and Chemical Composition on the Corrosion Resistance of Plain Steel Modified by Plasma-Assisted Diffusion. <i>Corrosion</i> , 2014, 70, 271-282.	0.5	1
35	Experimental Realization of TiO ₂ Nanosponge/Spin-coated P3HT Heterojunction Solar Cells. <i>Current Nanoscience</i> , 2014, 10, 877-882.	0.7	0
36	Electrochemical and morphological analyses on the titanium surface modified by shot blasting and anodic oxidation processes. <i>Thin Solid Films</i> , 2013, 528, 163-166.	0.8	33

#	ARTICLE	IF	CITATIONS
37	Alkaline membrane fuel cell (AMFC) modeling and experimental validation. Journal of Power Sources, 2012, 213, 16-30.	4.0	28
38	Optical (DRUV-VIS) and magnetic (EPR) behavior of synthetic melanins. Materials Research, 2012, 15, 209-212.	0.6	1
39	Microalgae biodiesel via <i>in situ</i> methanolysis. Journal of Chemical Technology and Biotechnology, 2011, 86, 1418-1427.	1.6	34
40	Electrochemical Tests to Evaluate the Stability of the Anodic Films on Dental Implants. International Journal of Electrochemistry, 2011, 2011, 1-7.	2.4	11
41	Investigation of the codeposition of Fe and Mo from sulphate-citrate acid solutions. Journal of Alloys and Compounds, 2007, 439, 342-345.	2.8	19
42	Heavy metals recovery from industrial wastewater using Taguchi method. Chemical Engineering Journal, 2007, 126, 139-146.	6.6	46
43	Technological improvements in automotive battery recycling. Resources, Conservation and Recycling, 2007, 52, 368-380.	5.3	71
44	Voltammetric stability of anodic films on the Ti6Al4V alloy in chloride medium. Electrochimica Acta, 2006, 51, 6580-6583.	2.6	46
45	Characterisation of electrochemically deposited Ni-Mo alloy coatings. Electrochemistry Communications, 2004, 6, 543-548.	2.3	106
46	XPS characterization of anodic titanium oxide films grown in phosphate buffer solutions. Thin Solid Films, 2004, 468, 109-112.	0.8	94
47	EIS characterization of a Ti-dental implant in artificial saliva media: dissolution process of the oxide barrier. Journal of Electroanalytical Chemistry, 2004, 568, 115-120.	1.9	78
48	On the stability of thin-anodic-oxide films of titanium in acid phosphoric media. Corrosion Science, 2001, 43, 1465-1476.	3.0	148
49	Reactivation of passive titanium: the enhancement of O ₂ evolution after potentiodynamic cyclings. Electrochemistry Communications, 2000, 2, 254-258.	2.3	21
50	Male-Released Sex Pheromone of the Stink Bug Piezodorus hybneri. Journal of Chemical Ecology, 1998, 24, 1817-1829.	0.9	61
51	Surface and Electrochemical Analysis of Titanium Submitted to Alkaline Treatment by SEM, XRD and EIS. Key Engineering Materials, 0, 396-398, 381-384.	0.4	1
52	Elastic Modulus and Hardness of Bioactive Ti Obtained by Anodic Oxidation Using Ca/P-Based Solutions. Key Engineering Materials, 0, 396-398, 323-326.	0.4	2
53	On Demand Release of Cerium from an Alginate/Cerium Complex for Corrosion Protection of AISI1020 and AA2024 Substrates. Journal of the Brazilian Chemical Society, 0, , .	0.6	2