Maria Helena Rm MendonÃ§a

List of Publications by Year
in descending order

36 papers	1,365 citations	430874 18 h-index	345221 36 g-index
36 all docs	36 docs citations	36 times ranked	2133 citing authors

#	Article	IF	Citations
1	Electrochemical oxidation of paraquat in neutral medium. Electrochimica Acta, 2015, 176, 1010-1018.	5.2	25
2	Hyperthermia studies of ferrite nanoparticles synthesized in the presence of cotton. New Journal of Chemistry, 2015, 39, 7182-7193.	2.8	40
3	CaracterizaÃ§Ã£o atravÃ©s de anÃ¡lise quÃmica da escultura portuguesa sobre madeira de produÃ§Ã£o erudita e de produÃ§Ã£o popular da Ã©poca barroca. Quimica Nova, 2013, 36, 21-26.	0.3	4
4	Synthesis, optical, and photocatalytic properties of a new visible-light-active ZnFe2O4â€“TiO2 nanocomposite material. Journal of Nanoparticle Research, 2012, 14, 1.	1.9	18
5	Phenol electrooxidation on Feâ€“Co3O4 thin film electrodes in alkaline medium. Chemosphere, 2012, 86, 341-347.	8.2	16
6	Influence of calcination parameters on the TiO2 photocatalytic properties. Materials Chemistry and Physics, 2011, 125, 20-25.	4.0	83
7	Cathodic behaviour of CoFe2O4 spinel electrodes in alkaline medium. Journal of Applied Electrochemistry, 2011, 41, 731-740.	2.9	8
8	Characterisation of five coins from the archaeological heritage of Portugal. Journal of Solid State Electrochemistry, 2010, 14, 495-503.	2.5	7
9	Characterization of two Roman coins from an archaeological site in Portugal. Materials and Corrosion - Werkstoffe Und Korrosion, 2010, 61, 205-210.	1.5	8
10	Effect of the electropolymerisation conditions on the electrochemical, morphological and structural properties of PEDOTh films. Journal of Solid State Electrochemistry, 2009, 13, 417-426.	2.5	42
11	Copper corrosion in soil: influence of chloride contents, aeration and humidity. Journal of Solid State Electrochemistry, 2009, 13, 1757-1765.	2.5	19
12	Electrochemical behaviour of Fe x Co3â^'x O4 with (xÂ=Â0, 1, 2 and 3) oxides thin film electrodes in alkaline medium. Journal of Applied Electrochemistry, 2009, 39, 2469-2479.	2.9	24
13	Photocatalytic decolorization of methylene blue in the presence of TiO2/ZnS nanocomposites. Journal of Hazardous Materials, 2009, 161, 545-550.	12.4	187
14	Photosensitization of TiO2 by Ag2S and its catalytic activity on phenol photodegradation. Journal of Photochemistry and Photobiology A: Chemistry, 2009, 204, 168-173.	3.9	107
15	Corrosion of brass in natural and artificial seawater under anaerobic conditions. Journal of Applied Electrochemistry, 2008, 38, 627-635.	2.9	14
16	Electrochemical impedance spectroscopy investigation of spinel type cobalt oxide thin film electrodes in alkaline medium. Journal of Applied Electrochemistry, 2008, 38, 1485-1494.	2.9	15
17	Adsorption and catalytic properties of SiO2/Bi2S3 nanocomposites on the methylene blue photodecolorization process. Colloids and Surfaces A: Physicochemical and Engineering Aspects, 2008, 328, 107-113.	4.7	36
18	Preparation and electrochemical characterization of spinel type Feâ€“Co3O4 thin film electrodes in alkaline medium. International Journal of Hydrogen Energy, 2008, 33, 4936-4944.	7.1	52

#	Article	IF	Citations
19	Studies on Feâ€“Co spinel electrodes. Solid State Sciences, 2007, 9, 744-749.	3.2	16
20	Corrosion of brass in natural and artificial seawater. Journal of Applied Electrochemistry, 2006, 36, 1353-1359.	2.9	32
21	Preparation of lead and tin oxide thin films by spin coating and their application on the electrodegradation of organic pollutants. Journal of Solid State Electrochemistry, 2006, 10, 41-47.	2.5	12
22	Studies on the KTa1â^'xFexO3â^'Î´ system. Materials Chemistry and Physics, 2006, 96, 211-216.	4.0	6
23	Preparation and characterisation of spinel type cobalt and rhodium oxide coatings on titanium. Materials Chemistry and Physics, 2005, 92, 526-533.	4.0	9
24	Znâ€“TiO2 composite films prepared by pulsed electrodeposition. Journal of Solid State Electrochemistry, 2005, 9, 190-196.	2.5	47
25	Influence of the Environment on the Atmospheric Corrosion of Bronze. Journal of Applied Electrochemistry, 2004, 34, 989-995.	2.9	12
26	Electrodeposition of Mackinawite films on Ti: effects of the S2O32â^'/Fe2+ mole ratio in the solution. Electrochimica Acta, 2004, 49, 2155-2165.	5.2	4
27	The atmospheric corrosion of copper at two sites in Portugal: a comparative study. Corrosion Science, 2004, 46, 547-561.	6.6	59
28	Physicochemical and electrocatalytic properties of Li-Co3O4 anodes prepared by chemical spray pyrolysis for application in alkaline water electrolysis. Electrochimica Acta, 2004, 49, 1555-1563.	5.2	50
29	Structural and morphological characterization of FeCo2O4 and CoFe2O4 spinels prepared by a coprecipitation method. Solid State Sciences, 2003, 5, 383-392.	3.2	257
30	Preparation and characterisation of spinel oxide ferrites suitable for oxygen evolution anodes. Solid State Sciences, 2002, 4, 175-182.	3.2	40
31	Effect of the substrate on the electrodeposition of iron sulphides. Solid State Sciences, 2002, 4, 1083-1088.	3.2	9
32	Effect of the partial replacement of Fe by Ni and/or Mn on the electrocatalytic activity for oxygen evolution of the CoFe2O4 spinel oxide electrode. Electrochimica Acta, 2002, 47, 4307-4314.	5.2	76
33	Preparation and characterization of KTa0.9Fe0.1O3â€“ Î´ perovskite electrodes. Journal of Solid State Electrochemistry, 2001, 5, 495-501.	2.5	6
34	Iron sulfide electrodeposits: effect of heat treatment on composition and structure. Journal of Solid State Electrochemistry, 2000, 4, 168-176.	2.5	15
35	Voltammetric study of the Fe-S-EbonexÂ® system. Journal of Applied Electrochemistry, 1995, 25, 1045-1051.	2.9	7
36	Studies of the spinel solid solution CO2Ru1â€“xFexO4. Journal of Materials Chemistry, 1994, 4, 515-517.	6.7	3