

J P Correia

List of Publications by Year in descending order

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all docs

41
docs citations

41
times ranked

813
citing authors

#	ARTICLE	IF	CITATIONS
1	Alternative chemical conversion pre-treatment for aeronautical aluminium alloy: characterisation and anticorrosion performance. CEAS Space Journal, 2023, 15, 265-280.	2.3	1
2	Combined Electrochemical, Ellipsometric and Microgravimetric Study of Ion Permeable Polydopamine Films. Journal of the Electrochemical Society, 2022, 169, 046503.	2.9	2
3	Food waste biorefinery: Stability of an acidogenic fermentation system with carbon dioxide sequestration and electricity generation. Journal of Cleaner Production, 2020, 270, 122040.	9.3	9
4	Electrochemical deposition of bio-inspired laccase-polydopamine films for phenolic sensors. Electrochimica Acta, 2019, 319, 462-471.	5.2	48
5	Trivalent chromium conversion coating on AA2024-T3 used in aeronautical and aerospace industry. Surface and Interface Analysis, 2019, 51, 1298-1311.	1.8	6
6	Electrosynthesis of polydopamine films - tailored matrices for laccase-based biosensors. Applied Surface Science, 2019, 480, 979-989.	6.1	38
7	When gold stops glittering: corrosion mechanisms of Ren� Laliq�'s Art Nouveau jewellery. Journal of Analytical Atomic Spectrometry, 2019, 34, 1216-1222.	3.0	2
8	Electrochemical and optical characterization of thin polydopamine films on carbon surfaces for enzymatic sensors. Electrochimica Acta, 2018, 263, 480-489.	5.2	20
9	The influence of the constituent elements on the corrosion mechanisms of silver alloys in sulphide environments: the case of sterling silver. RSC Advances, 2017, 7, 28564-28572.	3.6	8
10	Corrosion of silver alloys in sulphide environments: a multianalytical approach for surface characterisation. RSC Advances, 2016, 6, 51856-51863.	3.6	14
11	Catalytic Co and Fe porphyrin/Fe ₃ O ₄ nanoparticles assembled on gold by carbon disulfide. Electrochimica Acta, 2016, 188, 1-12.	5.2	5
12	An Imaging Ellipsometry Approach to Dissolved Oxygen Measurement on Surface Tethered Weak Polyelectrolyte Modified Electrode. Journal of the Electrochemical Society, 2016, 163, H286-H291.	2.9	4
13	Potential Modulation on Total Internal Reflection Ellipsometry. Analytical Chemistry, 2016, 88, 3211-3217.	6.5	3
14	Improved Potentiometric and Optic Sensitivity of Polyaniline Film to Dissolved Oxygen by Incorporating Iron-Porphyrin. Electroanalysis, 2015, 27, 1427-1435.	2.9	6
15	Optical and Electrochemical Combination Sensor with Poly-Aniline Film Modified Gold Surface and Its Application for Dissolved Oxygen Detection. Electroanalysis, 2014, 26, 374-381.	2.9	18
16	Electrochemical mineralization of anaerobically digested olive mill wastewater. Water Research, 2012, 46, 4217-4225.	11.3	39
17	An ellipsometric study of poly(3,4-ethylenedioxythiophene) electrosynthesis from the initial stages to thick layers formation. Journal of Electroanalytical Chemistry, 2010, 646, 75-84.	3.8	12
18	Immobilisation of the Vitamin B12 Derivative B12-Tyramide on Electrode Surfaces. Heterocycles, 2010, 82, 699.	0.7	1

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19	Electrooxidation as the anaerobic pre-treatment of fats: Oleate conversion using RuO ₂ and IrO ₂ based anodes. <i>Bioresource Technology</i> , 2008, 99, 8207-8211.	9.6	6
20	Polypyrrole films functionalized with pendant titanocene dichloride complexes: Ellipsometric study of the electropolymerization process. <i>Electrochimica Acta</i> , 2007, 53, 1195-1205.	5.2	16
21	Progress in the understanding of tyramine electropolymerisation mechanism. <i>Journal of Solid State Electrochemistry</i> , 2007, 11, 1059-1069.	2.5	36
22	Palladium electrodeposition on polyaniline films. <i>Electrochimica Acta</i> , 2007, 53, 664-672.	5.2	34
23	Electrosynthesis and Characterisation of Poly(3,4-Ethylenedioxythiophene) Films Incorporating Ferrocene. <i>Portugaliae Electrochimica Acta</i> , 2007, 26, 55-64.	1.1	0
24	In situ ellipsometric studies on the electrochemically induced structural modifications during poly(3-methylthiophene) formation. <i>Synthetic Metals</i> , 2006, 156, 287-292.	3.9	7
25	Effect of Electrochemical Treatment of Oleic Acid on Anaerobic Digestion. <i>Environmental Technology (United Kingdom)</i> , 2006, 27, 1289-1295.	2.2	1
26	Influence of the Deposition Parameters on the Properties of Bis-Triethoxysilylpropyl] Tetrasulphide (BTESPT) Layers on AA2024-T3 – An Ellipsometric Study. <i>Materials Science Forum</i> , 2006, 514-516, 682-686.	0.3	1
27	Immobilization of Vitamin B12 onto solid electrodes by electropolymerization of a catalyst-modified monomer. <i>Electrochimica Acta</i> , 2005, 50, 1653-1659.	5.2	18
28	Anodic oxidation of oleate for wastewater treatment. <i>Desalination</i> , 2005, 185, 351-355.	8.2	11
29	Ellipsometry to Access Structural Information of Electroactive Polymer Films. <i>Materials Science Forum</i> , 2004, 455-456, 657-660.	0.3	7
30	Polyaniline films containing electrolessly precipitated palladium. <i>Electrochimica Acta</i> , 2004, 49, 2249-2257.	5.2	43
31	Electropolymerization of 3-methylthiophene studied by multiframe convolution. <i>Journal of Electroanalytical Chemistry</i> , 2004, 573, 299-306.	3.8	16
32	Study of DNA hybridization by photocurrent spectroscopy. <i>Synthetic Metals</i> , 2001, 119, 407-408.	3.9	14
33	Study of DNA hybridization on polypyrrole grafted with oligonucleotides by photocurrent spectroscopy. <i>Biosensors and Bioelectronics</i> , 2001, 16, 295-303.	10.1	28
34	Structural modifications during conducting polymer formation – an ellipsometric study. <i>Electrochimica Acta</i> , 2001, 46, 3181-3187.	5.2	32
35	The heterogeneous growth of P(3MeTh) – an ellipsometric study. <i>Electrochimica Acta</i> , 2001, 46, 3993-3999.	5.2	8
36	Electronically conductive polymer grafted with oligonucleotides as electrochemical sensors of DNA. <i>Journal of Electroanalytical Chemistry</i> , 2001, 509, 48-57.	3.8	82

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37	Polypyrrole incorporating electroless nickel. <i>Electrochimica Acta</i> , 2000, 45, 4179-4185.	5.2	26
38	Synthesis of Vitamin-B12 Derivatives with an Electropolymerizable Side Chain. <i>Helvetica Chimica Acta</i> , 1998, 81, 1117-1126.	1.6	19
39	On the cathodic doping of poly(3-methylthiophene). <i>Journal De Chimie Physique Et De Physico-Chimie Biologique</i> , 1998, 95, 1172-1175.	0.2	2
40	On the Mechanism of Electroless Ni-CP Plating. <i>Journal of the Electrochemical Society</i> , 1994, 141, 2356-2360.	2.9	135