Dionisio Posadas

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/11973573/publications.pdf

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25	275	840776 11	940533 16
papers	citations	h-index	g-index

25	25	25	216
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	The Redox Switching of Electroactive Polymers. Journal of Physical Chemistry B, 2004, 108, 15470-15476.	2.6	37
2	Acidâ€“base equilibrium in conducting polymers. The case of reduced polyaniline. Journal of Electroanalytical Chemistry, 2014, 734, 10-17.	3.8	23
3	A formal representation of the anodic voltammetric response of polyaniline. Journal of Electroanalytical Chemistry, 2011, 655, 17-22.	3.8	22
4	About the species formed during the electrochemical half oxidation of polyaniline: Polaron-bipolaron equilibrium. Electrochimica Acta, 2018, 268, 187-194.	5.2	22
5	Coupling between proton binding and redox potential in electrochemically active macromolecules. The example of Polyaniline. Journal of Electroanalytical Chemistry, 2013, 707, 43-51.	3.8	21
6	Current rectification by mediating electroactive polymers. Electrochimica Acta, 2008, 53, 3955-3959.	5.2	16
7	Electrochemical Aging of Poly(aniline) and Its Ring Substituted Derivatives. Journal of Physical Chemistry B, 2008, 112, 10800-10805.	2.6	16
8	Redox mediation at electroactive polymer coated electrodes: Mechanistic diagnosis criteria from steady state polarization curves. Journal of Electroanalytical Chemistry, 2007, 609, 129-139.	3.8	15
9	About the capacitive currents in conducting polymers: the case of polyaniline. Journal of Solid State Electrochemistry, 2019, 23, 1947-1965.	2.5	15
10	Electrochemically induced ageing of polyaniline. An electrochemical impedance spectroscopy study. Journal of Electroanalytical Chemistry, 2012, 673, 65-71.	3.8	12
11	The coupling among electron transfer, deformation, screening and binding in electrochemically active macromolecules. Physical Chemistry Chemical Physics, 2010, 12, 7536.	2.8	11
12	Electrochemically induced ageing of polyaniline monitored by the changes in its voltammetric response. Journal of Electroanalytical Chemistry, 2011, 660, 26-30.	3.8	9
13	pH dependence of the voltammetric response of Polyaniline. Journal of Electroanalytical Chemistry, 2017, 785, 14-19.	3.8	9
14	Adhesion of Colloidal Hematite onto Metallic Surfaces. Journal of Colloid and Interface Science, 1994, 165, 450-458.	9.4	8
15	The effect of membrane equilibrium on the behaviour of electrochemically active polymers. Journal of Electroanalytical Chemistry, 2016, 774, 42-50.	3.8	7
16	Adhesion of Hematite Particles onto Silver and Mercury Electrodes: Time Response to Potential Changes. Journal of Colloid and Interface Science, 1995, 173, 231-235.	9.4	6
17	Drift Study of Hematite Adhered onto Silver and Mercury. Journal of Colloid and Interface Science, 1995, 176, 495-497.	9.4	6
18	Adhesion of Colloidal Hematite onto Mercury in Waterâ€“Ethanol Media. Journal of Colloid and Interface Science, 1999, 215, 370-380.	9.4	5

#	Article	IF	Citations
19	Effect of the potential on the electrochemically induced ageing of polyaniline films. Journal of Electroanalytical Chemistry, 2012, 669, 42-49.	3.8	5
20	Redox commuting properties of polyaniline in hydrochloric, sulphuric and perchloric acid solutions. Journal of Electroanalytical Chemistry, 2018, 817, 160-166.	3.8	5
21	An experimental study of the intrinsic fluorescence emission and Electrochemically Induced Ageing in poly-o-methylaniline films. Electrochimica Acta, 2013, 109, 894-900.	5.2	2
22	Deposition of colloidal hematite onto mercury from water-ethanol mixtures. Journal of the Brazilian Chemical Society, 1997, 8, 371-376.	0.6	1
23	The mediation reaction between the external couple Ferri/Ferrocyanide and Os(II) bipyridile poly-vinylpyridile films coated onto glassy carbon electrodes. Electrochimica Acta, 2008, 53, 4727-4731.	5.2	1
24	Nanoarchitectonics of conjugated polymers in supercapacitor applications. , 2022, , 175-218.		1
25	Redox mediation at poly(o-aminophenol) coated electrodes: Mechanistic diagnosis from steady state polarization curves. Journal of Electrochemical Science and Engineering, 0, , .	3.5	0