

Jos Bonastre

List of Publications by Citations

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40
papers

828
citations

16
h-index

27
g-index

42
ext. papers

917
ext. citations

5
avg, IF

3.94
L-index

#	Paper	IF	Citations
40	Electrochemical characterization of reduced graphene oxide-coated polyester fabrics. <i>Electrochimica Acta</i> , 2013 , 93, 44-52	6.7	71
39	Chemical and electrochemical study of fabrics coated with reduced graphene oxide. <i>Applied Surface Science</i> , 2013 , 279, 46-54	6.7	66
38	Electrochemical polymerisation of aniline on conducting textiles of polyester covered with polypyrrole/AQSA. <i>European Polymer Journal</i> , 2009 , 45, 1302-1315	5.2	58
37	Chemical and electrochemical polymerisation of pyrrole on polyester textiles in presence of phosphotungstic acid. <i>European Polymer Journal</i> , 2008 , 44, 2087-2098	5.2	58
36	Conducting fabrics of polyester coated with polypyrrole and doped with graphene oxide. <i>Synthetic Metals</i> , 2015 , 204, 110-121	3.6	55
35	Influence of electrochemical reduction and oxidation processes on the decolourisation and degradation of C.I. Reactive Orange 4 solutions. <i>Chemosphere</i> , 2009 , 75, 1329-37	8.4	44
34	Electrochemical treatment of a synthetic wastewater containing a sulphonated azo dye. Determination of naphthalenesulphonic compounds produced as main by-products. <i>Desalination</i> , 2011 , 273, 428-435	10.3	43
33	Stability of conducting polyester/polypyrrole fabrics in different pH solutions. Chemical and electrochemical characterization. <i>Polymer Degradation and Stability</i> , 2010 , 95, 2574-2583	4.7	41
32	Plasma treatment of polyester fabrics to increase the adhesion of reduced graphene oxide. <i>Synthetic Metals</i> , 2015 , 202, 110-122	3.6	38
31	On the behaviour of doped SnO ₂ anodes stabilized with platinum in the electrochemical degradation of reactive dyes. <i>Electrochimica Acta</i> , 2010 , 55, 7282-7289	6.7	35
30	Electrochemical treatment of real textile wastewater: Trichromy Procion HEXL. <i>Journal of Electroanalytical Chemistry</i> , 2018 , 808, 387-394	4.1	30
29	Study of the electrochemical oxidation and reduction of C.I. Reactive Orange 4 in sodium sulphate alkaline solutions. <i>Journal of Hazardous Materials</i> , 2009 , 172, 187-95	12.8	28
28	Electrochemical study of polypyrrole/PW12O ₄₀ 3- coatings on carbon steel electrodes as protection against corrosion in chloride aqueous solutions. <i>Corrosion Science</i> , 2006 , 48, 1122-1136	6.8	27
27	Electrochemical characterization of electrochemically reduced graphene coatings on platinum. Electrochemical study of dye adsorption. <i>Electrochimica Acta</i> , 2015 , 166, 54-63	6.7	20
26	Chemical, electrical and electrochemical characterization of hybrid organic/inorganic polypyrrole/PW12O ₄₀ 3- coating deposited on polyester fabrics. <i>Applied Surface Science</i> , 2011 , 257, 10056-10064	6.7	19
25	Influence of the scan rate on the morphology of polyaniline grown on conducting fabrics. Centipede-like morphology. <i>Synthetic Metals</i> , 2010 , 160, 99-107	3.6	16
24	Synthesis of Pt nanoparticles on electrochemically reduced graphene oxide by potentiostatic and alternate current methods. <i>Materials Characterization</i> , 2014 , 89, 56-68	3.9	14

23	Enhanced adhesion of polypyrrole/PW12O hybrid coatings on polyester fabrics. <i>Journal of Applied Polymer Science</i> , 2013 , 129, 422-433	2.9	12
22	Characterization of azo dyes on Pt and Pt/polyaniline/dispersed Pt electrodes. <i>Applied Surface Science</i> , 2012 , 258, 6246-6256	6.7	12
21	Study on the specific capacitance of an activated carbon cloth modified with reduced graphene oxide and polyaniline by cyclic voltammetry. <i>European Polymer Journal</i> , 2017 , 92, 194-203	5.2	11
20	On the behavior of reduced graphene oxide based electrodes coated with dispersed platinum by alternate current methods in the electrochemical degradation of reactive dyes. <i>Chemosphere</i> , 2017 , 183, 242-251	8.4	10
19	Electrochemical synthesis of polyaniline on conducting fabrics of polyester covered with polypyrrole/PW12O403□Chemical and electrochemical characterization. <i>Synthetic Metals</i> , 2011 , 161, 953-963	3.6	10
18	Study of the electrical properties of novel hybrid organic□inorganic conducting textiles of polypyrrole-phosphotungstate-polyester using electrochemical impedance spectroscopy. <i>Synthetic Metals</i> , 2011 , 161, 1958-1965	3.6	10
17	Characterisation and corrosion studies of steel electrodes covered by polypyrrole/phosphotungstate using Electrochemical Impedance Spectroscopy. <i>Progress in Organic Coatings</i> , 2009 , 66, 235-241	4.8	10
16	Electrochemical study on an activated carbon cloth modified by cyclic voltammetry with polypyrrole/anthraquinone sulfonate and reduced graphene oxide as electrode for energy storage. <i>European Polymer Journal</i> , 2018 , 103, 179-186	5.2	9
15	Electrochemical synthesis of polypyrrole doped with graphene oxide and its electrochemical characterization as membrane material. <i>Synthetic Metals</i> , 2016 , 220, 300-310	3.6	8
14	Polyaniline coated conducting fabrics. Chemical and electrochemical characterization. <i>European Polymer Journal</i> , 2011 ,	5.2	8
13	Modification of the magnesium corrosion rate in physiological saline 0.9 wt % NaCl via chemical and electrochemical coating of reduced graphene oxide. <i>Corrosion Science</i> , 2019 , 152, 75-81	6.8	7
12	Characterization of polypyrrole/phosphotungstate membranes by electrochemical impedance spectroscopy. <i>Synthetic Metals</i> , 2014 , 187, 37-45	3.6	7
11	Electrochemical and chemical characterization of polypyrrole/phosphotungstate coatings electrothesized on carbon steel electrodes in acetonitrile medium. <i>Synthetic Metals</i> , 2009 , 159, 1723-1730	3.6	7
10	Monitoring the polymerization process of polypyrrole films by thermogravimetric and X-ray analysis. <i>Journal of Thermal Analysis and Calorimetry</i> , 2010 , 102, 695-701	4.1	6
9	Study of the Reuse of Industrial Wastewater After Electrochemical Treatment of Textile Effluents without External Addition of Chloride. <i>International Journal of Electrochemical Science</i> , 2017 , 12, 1733-1750	2.2	6
8	Electrochemical Treatment of Solutions Containing a Recalcitrant Dye: A Way of Using Dimensionally Adaptable Catalytic Fabrics. <i>Industrial & Engineering Chemistry Research</i> , 2015 , 54, 6418-6429	3.9	5
7	Effect of chloride on the one step electrochemical treatment of an industrial textile wastewater with tin dioxide anodes. The case of trichromy procion HEXL. <i>Chemosphere</i> , 2020 , 245, 125396	8.4	5
6	Carbon textiles electrodes modified with RGO and Pt nanoparticles used for electrochemical treatment of azo dye. <i>Journal of Electroanalytical Chemistry</i> , 2021 , 887, 115154	4.1	4

5	Modified carbon fabric electrodes: preparation and electrochemical behavior toward amaranth electrolysis. <i>Journal of Applied Electrochemistry</i> , 2015 , 45, 263-272	2.6	2
4	Correlations between acoustic and electrochemical measurements for metallic corrosion on steel strings used in guitars. <i>Engineering Failure Analysis</i> , 2015 , 57, 270-281	3.2	1
3	Enhancement of the Electrochemical Properties of an Open-Pore Graphite Foam with Electrochemically Reduced Graphene Oxide and Alternating Current Dispersed Platinum Particles. <i>Coatings</i> , 2020 , 10, 551	2.9	1
2	Cathodic protection of steel guitar strings against the corrosive effect of human sweat. <i>Engineering Failure Analysis</i> , 2019 , 97, 645-652	3.2	1
1	On the behaviour of Atrazine removal from water using fabrics as anodes and cathodes. <i>Chemosphere</i> , 2021 , 132738	8.4	0