

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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.	1.9	9
2	On the behaviour of Atrazine removal from water using fabrics as anodes and cathodes. <i>Chemosphere</i> , 2021, , 132738.	4.2	2
3	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.	4.2	14
4	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.	1.2	1
5	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.	3.0	17
6	Cathodic protection of steel guitar strings against the corrosive effect of human sweat. <i>Engineering Failure Analysis</i> , 2019, 97, 645-652.	1.8	2
7	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> , 2019, 14, 1733-1750.	0.5	14
8	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.	2.6	14
9	Electrochemical treatment of real textile wastewater: Trichromy Procion HEXL [®] . <i>Journal of Electroanalytical Chemistry</i> , 2018, 808, 387-394.	1.9	61
10	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.	2.6	18
11	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.	4.2	10
12	Electrochemical synthesis of polypyrrole doped with graphene oxide and its electrochemical characterization as membrane material. <i>Synthetic Metals</i> , 2016, 220, 300-310.	2.1	10
13	Plasma treatment of polyester fabrics to increase the adhesion of reduced graphene oxide. <i>Synthetic Metals</i> , 2015, 202, 110-122.	2.1	47
14	Modified carbon fabric electrodes: preparation and electrochemical behavior toward amaranth electrolysis. <i>Journal of Applied Electrochemistry</i> , 2015, 45, 263-272.	1.5	2
15	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.	1.8	5
16	Electrochemical characterization of electrochemically reduced graphene coatings on platinum. Electrochemical study of dye adsorption. <i>Electrochimica Acta</i> , 2015, 166, 54-63.	2.6	22
17	Conducting fabrics of polyester coated with polypyrrole and doped with graphene oxide. <i>Synthetic Metals</i> , 2015, 204, 110-121.	2.1	63
18	Correlations between acoustic and electrochemical measurements for metallic corrosion on steel strings used in guitars. <i>Engineering Failure Analysis</i> , 2015, 57, 270-281.	1.8	1

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19	Synthesis of Pt nanoparticles on electrochemically reduced graphene oxide by potentiostatic and alternate current methods. <i>Materials Characterization</i> , 2014, 89, 56-68.	1.9	20
20	Characterization of polypyrrole/phosphotungstate membranes by electrochemical impedance spectroscopy. <i>Synthetic Metals</i> , 2014, 187, 37-45.	2.1	10
21	Chemical and electrochemical study of fabrics coated with reduced graphene oxide. <i>Applied Surface Science</i> , 2013, 279, 46-54.	3.1	75
22	Enhanced adhesion of polypyrrole/PW ₁₂ O hybrid coatings on polyester fabrics. <i>Journal of Applied Polymer Science</i> , 2013, 129, 422-433.	1.3	16
23	Electrochemical characterization of reduced graphene oxide-coated polyester fabrics. <i>Electrochimica Acta</i> , 2013, 93, 44-52.	2.6	82
24	Characterization of azo dyes on Pt and Pt/polyaniline/dispersed Pt electrodes. <i>Applied Surface Science</i> , 2012, 258, 6246-6256.	3.1	15
25	TRATAMIENTO ELECTROQUÍMICO DE COLORANTES BIFUNCIONALES TIPO HEXL EN UN REACTOR FILTRO PRENSA. <i>Dyna (Spain)</i> , 2012, 87, 679-688.	0.1	1
26	Chemical, electrical and electrochemical characterization of hybrid organic/inorganic polypyrrole/PW ₁₂ O ₄₀₃ coating deposited on polyester fabrics. <i>Applied Surface Science</i> , 2011, 257, 10056-10064.	3.1	21
27	Electrochemical synthesis of polyaniline on conducting fabrics of polyester covered with polypyrrole/PW ₁₂ O ₄₀₃ coating. Chemical and electrochemical characterization. <i>Synthetic Metals</i> , 2011, 161, 953-963.	2.1	10
28	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.	2.1	10
29	Polyaniline coated conducting fabrics. Chemical and electrochemical characterization. <i>European Polymer Journal</i> , 2011, , .	2.6	11
30	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.	4.0	53
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.	2.6	45
32	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.	2.0	8
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.	2.7	42
34	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.	2.1	19
35	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.	1.9	11
36	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, 187-195.	6.5	33

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37	Electrochemical polymerisation of aniline on conducting textiles of polyester covered with polypyrrole/AQSA. <i>European Polymer Journal</i> , 2009, 45, 1302-1315.	2.6	63
38	Influence of electrochemical reduction and oxidation processes on the decolourisation and degradation of C.I. Reactive Orange 4 solutions. <i>Chemosphere</i> , 2009, 75, 1329-1337.	4.2	52
39	Electrochemical and chemical characterization of polypyrrole/phosphotungstate coatings electrosynthesized on carbon steel electrodes in acetonitrile medium. <i>Synthetic Metals</i> , 2009, 159, 1723-1730.	2.1	8
40	Chemical and electrochemical polymerisation of pyrrole on polyester textiles in presence of phosphotungstic acid. <i>European Polymer Journal</i> , 2008, 44, 2087-2098.	2.6	67
41	Electrochemical study of polypyrrole/ coatings on carbon steel electrodes as protection against corrosion in chloride aqueous solutions. <i>Corrosion Science</i> , 2006, 48, 1122-1136.	3.0	31