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List of Publications by Year
in descending order

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41	1,029	471061	433756
papers	citations	17 h-index	31 g-index

42	42	42	1195
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrochemical characterization of reduced graphene oxide-coated polyester fabrics. Electrochimica Acta, 2013, 93, 44-52.	2.6	82
2	Chemical and electrochemical study of fabrics coated with reduced graphene oxide. Applied Surface Science, 2013, 279, 46-54.	3.1	75
3	Chemical and electrochemical polymerisation of pyrrole on polyester textiles in presence of phosphotungstic acid. European Polymer Journal, 2008, 44, 2087-2098.	2.6	67
4	Electrochemical polymerisation of aniline on conducting textiles of polyester covered with polypyrrole/AQSA. European Polymer Journal, 2009, 45, 1302-1315.	2.6	63
5	Conducting fabrics of polyester coated with polypyrrole and doped with graphene oxide. Synthetic Metals, 2015, 204, 110-121.	2.1	63
6	Electrochemical treatment of real textile wastewater: Trichromy Procion HEXLÂ®. Journal of Electroanalytical Chemistry, 2018, 808, 387-394.	1.9	61
7	Electrochemical treatment of a synthetic wastewater containing a sulphonated azo dye. Determination of naphthalenesulphonic compounds produced as main by-products. Desalination, 2011, 273, 428-435.	4.0	53
8	Influence of electrochemical reduction and oxidation processes on the decolourisation and degradation of C.I. Reactive Orange 4 solutions. Chemosphere, 2009, 75, 1329-1337.	4.2	52
9	Plasma treatment of polyester fabrics to increase the adhesion of reduced graphene oxide. Synthetic Metals, 2015, 202, 110-122.	2.1	47
10	On the behaviour of doped SnO2 anodes stabilized with platinum in the electrochemical degradation of reactive dyes. Electrochimica Acta, 2010, 55, 7282-7289.	2.6	45
11	Stability of conducting polyester/polypyrrole fabrics in different pH solutions. Chemical and electrochemical characterization. Polymer Degradation and Stability, 2010, 95, 2574-2583.	2.7	42
12	Study of the electrochemical oxidation and reduction of C.I. Reactive Orange 4 in sodium sulphate alkaline solutions. Journal of Hazardous Materials, 2009, 172, 187-195.	6.5	33
13	Electrochemical study of polypyrrole/ coatings on carbon steel electrodes as protection against corrosion in chloride aqueous solutions. Corrosion Science, 2006, 48, 1122-1136.	3.0	31
14	Electrochemical characterization of electrochemically reduced graphene coatings on platinum. Electrochemical study of dye adsorption. Electrochimica Acta, 2015, 166, 54-63.	2.6	22
15	Chemical, electrical and electrochemical characterization of hybrid organic/inorganic polypyrrole/PW12O403â˜ coating deposited on polyester fabrics. Applied Surface Science, 2011, 257, 10056-10064.	3.1	21
16	Synthesis of Pt nanoparticles on electrochemically reduced graphene oxide by potentiostatic and alternate current methods. Materials Characterization, 2014, 89, 56-68.	1.9	20
17	Influence of the scan rate on the morphology of polyaniline grown on conducting fabrics. Centipede-like morphology. Synthetic Metals, 2010, 160, 99-107.	2.1	19
18	Study on the specific capacitance of an activated carbon cloth modified with reduced graphene oxide and polyaniline by cyclic voltammetry. European Polymer Journal, 2017, 92, 194-203.	2.6	18

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19	Modification of the magnesium corrosion rate in physiological saline 0.9 wt % NaCl via chemical and electrochemical coating of reduced graphene oxide. Corrosion Science, 2019, 152, 75-81.	3.0	17
20	Enhanced adhesion of polypyrrole/PW₁₂O hybrid coatings on polyester fabrics. Journal of Applied Polymer Science, 2013, 129, 422-433.	1.3	16
21	Characterization of azo dyes on Pt and Pt/polyaniline/dispersed Pt electrodes. Applied Surface Science, 2012, 258, 6246-6256.	3.1	15
22	Electrochemical study on an activated carbon cloth modified by cyclic voltammetry with polypyrrole/anthraquinone sulfonate and reduced graphene oxide as electrode for energy storage. European Polymer Journal, 2018, 103, 179-186.	2.6	14
23	Effect of chloride on the one step electrochemical treatment of an industrial textile wastewater with tin dioxide anodes. The case of trichromy procion HEXL. Chemosphere, 2020, 245, 125396.	4.2	14
24	Study of the Reuse of Industrial Wastewater After Electrochemical Treatment of Textile Effluents without External Addition of Chloride. International Journal of Electrochemical Science, 2019, 14, 1733-1750.	0.5	14
25	Characterisation and corrosion studies of steel electrodes covered by polypyrrole/phosphotungstate using Electrochemical Impedance Spectroscopy. Progress in Organic Coatings, 2009, 66, 235-241.	1.9	11
26	Polyaniline coated conducting fabrics. Chemical and electrochemical characterization. European Polymer Journal, 2011, , .	2.6	11
27	Electrochemical synthesis of polyaniline on conducting fabrics of polyester covered with polypyrrole/PW12O403â^'. Chemical and electrochemical characterization. Synthetic Metals, 2011, 161, 953-963.	2.1	10
28	Study of the electrical properties of novel hybrid organicâ€“inorganic conducting textiles of polypyrrole-phosphotungstate-polyester using electrochemical impedance spectroscopy. Synthetic Metals, 2011, 161, 1958-1965.	2.1	10
29	Characterization of polypyrrole/phosphotungstate membranes by electrochemical impedance spectroscopy. Synthetic Metals, 2014, 187, 37-45.	2.1	10
30	Electrochemical synthesis of polypyrrole doped with graphene oxide and its electrochemical characterization as membrane material. Synthetic Metals, 2016, 220, 300-310.	2.1	10
31	On the behavior of reduced graphene oxide based electrodes coated with dispersed platinum by alternate current methods in the electrochemical degradation of reactive dyes. Chemosphere, 2017, 183, 242-251.	4.2	10
32	Carbon textiles electrodes modified with RGO and Pt nanoparticles used for electrochemical treatment of azo dye. Journal of Electroanalytical Chemistry, 2021, 887, 115154.	1.9	9
33	Electrochemical and chemical characterization of polypyrrole/phosphotungstate coatings electrosynthesized on carbon steel electrodes in acetonitrile medium. Synthetic Metals, 2009, 159, 1723-1730.	2.1	8
34	Monitoring the polymerization process of polypyrrole films by thermogravimetric and X-ray analysis. Journal of Thermal Analysis and Calorimetry, 2010, 102, 695-701.	2.0	8
35	Electrochemical Treatment of Solutions Containing a Recalcitrant Dye: A Way of Using Dimensionally Adaptable Catalytic Fabrics. Industrial & Engineering Chemistry Research, 2015, 54, 6418-6429.	1.8	5
36	Modified carbon fabric electrodes: preparation and electrochemical behavior toward amaranth electrolysis. Journal of Applied Electrochemistry, 2015, 45, 263-272.	1.5	2

#	Article	IF	Citations
37	Cathodic protection of steel guitar strings against the corrosive effect of human sweat. Engineering Failure Analysis, 2019, 97, 645-652.	1.8	2
38	On the behaviour of Atrazine removal from water using fabrics as anodes and cathodes. Chemosphere, 2021, , 132738.	4.2	2
39	Correlations between acoustic and electrochemical measurements for metallic corrosion on steel strings used in guitars. Engineering Failure Analysis, 2015, 57, 270-281.	1.8	1
40	Enhancement of the Electrochemical Properties of an Open-Pore Graphite Foam with Electrochemically Reduced Graphene Oxide and Alternating Current Dispersed Platinum Particles. Coatings, 2020, 10, 551.	1.2	1
41	TRATAMIENTO ELECTROQUÃMICO DE COLORANTES BIFUNCIONALES TIPO HEXL EN UN REACTOR FILTRO PRENSA. Dyna (Spain), 2012, 87, 679-688.	0.1	1