Maria Valnice Boldrin Zanoni

List of Publications by Year
in descending order

250 papers	9,221 citations	50566 48 h-index	66518 82 g-index
256 all docs	256 docs citations	256 times ranked	10839 citing authors

#	Article	IF	Citations
1	Advances in photoelectroreduction of CO2 to hydrocarbons fuels: Contributions of functional materials. Journal of CO2 Utilization, 2022, 55, 101810.	3.3	15
2	Effect of ionic liquid in a pressurized reactor to enhance CO2 photocatalytic reduction at TiO2 modified by gold nanoparticles. Journal of Catalysis, 2022, 405, 588-600.	3.1	10
3	All-solution processed CuGaS2-based photoelectrodes for CO2 reduction. Journal of CO2 Utilization, 2022, 57, 101902.	3.3	8
4	Sample preparation and antibiotic quantification in vinasse generated from sugarcane ethanol fuel production. Journal of Chromatography A, 2022, 1666, 462833.	1.8	6
5	Measuring concentrations of a dye in the hemolymph of a marine amphipod: Development of a protocol for exposure assessment. Marine Pollution Bulletin, 2022, 175, 113376.	2.3	3
6	Stability of Acid Black 210 dye in Tannery Industry Effluent in Aqueous Solution Is Limited and Generates Harmful Subproducts. Frontiers in Environmental Science, 2022, 10, .	1.5	2
7	Surface facet Fe2O3-based visible light photocatalytic activation of persulfate for the removal of RR120 dye: nonlinear modeling and optimization. Environmental Science and Pollution Research, 2022, 29, 51651-51664.	2.7	5
8	Modification of Ti/TiO2NT with ZrO2 nanoparticles to enhance photoelectrocatalytic performance in removal of dibutyl phthalate. Environmental Science and Pollution Research, 2022, 29, 64112-64123.	2.7	3
9	Assessment of WO3 electrode modified with intact chloroplasts as a novel biohybrid platform for photocurrent improvement. Bioelectrochemistry, 2022, 147, 108177.	2.4	3
10	Nanoporous WO3 grown on a 3D tungsten mesh by electrochemical anodization for enhanced photoelectrocatalytic degradation of tetracycline in a continuous flow reactor. Journal of Electroanalytical Chemistry, 2022, 920, 116617.	1.9	3
11	Direct synthesis of Ru3(BTC)2 metal-organic framework on a Ti/TiO2NT platform for improved performance in the photoelectroreduction of CO2. Journal of CO2 Utilization, 2021, 43, 101364.	3.3	13
12	An updated review of metalâ€“organic framework materials in photo(electro)catalytic applications: From CO2 reduction to wastewater treatments. Current Opinion in Electrochemistry, 2021, 26, 100669.	2.5	26
13	Effect of Cu(BDC-NH2) MOF deposited on Cu/Cu2O electrode and its better performance in photoelectrocatalytic reduction of CO2. Journal of Electroanalytical Chemistry, 2021, 880, 114856.	1.9	29
14	Assessment of the improved performance of magnetite-modified vermiculite in the reduction of BTEX and metals, as well as toxicity in petroleum-produced water. Journal of Water Process Engineering, 2021, 39, 101749.	2.6	4
15	A simple electrogravimetric experimental setup to determine Cu in alloy samples for teaching purposes. Chemical Papers, 2021, 75, 575-582.	1.0	0
16	A promising technology based on photoelectrocatalysis against Mycobacterium tuberculosis in water disinfection. Environmental Technology (United Kingdom), 2021, 42, 743-752.	1.2	6
17	Using an Electrochemical MIP Sensor for Selective Determination of 1â€Naphthol in Oilfield Produced Water. Electroanalysis, 2021, 33, 1346-1355.	1.5	2
18	Screen-Printed Electrode Modified with 3-D Nanoporous Nickel for the Determination of Narirutin in Wastewater from Citrus Industry. ECS Meeting Abstracts, 2021, MA2021-01, 1542-1542.	0.0	0

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19	Naming Photoelectrochemical Processes: Why Thermodynamics Holds the Key. ACS Energy Letters, 2021, 6, 2198-2201.	8.8	9
20	Role of nanostructure in the behaviour of BiVO4â€“TiO2 nanotube photoanodes for solar water splitting in relation to operational conditions. Solar Energy Materials and Solar Cells, 2021, 223, 110980.	3.0	4
21	Self-doping of Nb2O5NC by cathodic polarization for enhanced conductivity properties and photoelectrocatalytic performance. Chemosphere, 2021, 272, 129880.	4.2	2
22	Evaluation of Ni⁰, NiO, and NiS as a Cocatalyst Modifier on TiO₂ Nanotubes Matrix for the Enhancement of Photoelectrocatalytic Oxidation of Penicillin G. Journal of the Electrochemical Society, 2021, 168, 076503.	1.3	2
23	Combination of Cu-Pt-Pd nanoparticles supported on graphene nanoribbons decorating the surface of TiO2 nanotube applied for CO2 photoelectrochemical reduction. Journal of Environmental Chemical Engineering, 2021, 9, 105803.	3.3	12
24	Immunomagnetic Separation Improves the Detection of Mycobacteria by Paper-Based Lateral and Vertical Flow Immunochromatographic Assays. Sensors, 2021, 21, 5992.	2.1	7
25	Assessment of the compounds formed by oxidative reaction between p-toluenediamine and p-aminophenol in hair dyeing processes: Detection, mutagenic and toxicological properties. Science of the Total Environment, 2021, 795, 148806.	3.9	10
26	Relation between the nature of the surface facets and the reactivity of Cu2O nanostructures anchored on TiO2NT@PDA electrodes in the photoelectrocatalytic conversion of CO2 to methanol. Applied Catalysis B: Environmental, 2020, 261, 118221.	10.8	52
27	Genotoxic permanent hair dye precursors p-aminophenol and p-toluenediamine electrochemical oxidation mechanisms and evaluation in biological fluids. Journal of Electroanalytical Chemistry, 2020, 857, 113509.	1.9	14
28	Simple, fast and environmentally friendly method to determine ciprofloxacin in wastewater samples based on an impedimetric immunosensor. RSC Advances, 2020, 10, 1838-1847.	1.7	11
29	Sandwich Nylon/stainless-steel/WO3 membrane for the photoelectrocatalytic removal of Reactive Red 120 dye applied in a flow reactor. Separation and Purification Technology, 2020, 237, 116338.	3.9	26
30	Artificial photosynthesis for alcohol and 3-C compound formation using BiVO4-lamelar catalyst. Journal of CO2 Utilization, 2020, 36, 187-195.	3.3	16
31	Assessment of p-aminophenol oxidation by simulating the process of hair dyeing and occurrence in hair salon wastewater and drinking water from treatment plant. Journal of Hazardous Materials, 2020, 387, 122000.	6.5	26
32	Electrochemical preparation of Cu/Cu2O-Cu(BDC) metal-organic framework electrodes for photoelectrocatalytic reduction of CO2. Journal of CO2 Utilization, 2020, 42, 101299.	3.3	40
33	Direct and indirect light energy harvesting with films of ambiently deposited ZnO nanoparticles. Applied Surface Science, 2020, 527, 146927.	3.1	3
34	Electrochemical detection of sotalol on a magnetographite-epoxy electrode using magnetite nanoparticles. Pramana - Journal of Physics, 2020, 94, 1.	0.9	5
35	The great performance of TiO2 nanotubes electrodes modified by copper(II)porphyrin in the reduction of carbon dioxide to alcohol. Journal of CO2 Utilization, 2020, 41, 101261.	3.3	22
36	Determination of temporary dye Basic Red 51 in commercial hair dye, river water and wastewater from hairdressing salon using graphite-epoxy composite electrode modified with magnetic nanoparticles. Microchemical Journal, 2020, 159, 105485.	2.3	8

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37	Reprint of "Genotoxic permanent hair dye precursors p-aminophenol and p-toluenediamine electrochemical oxidation mechanisms and evaluation in biological fluids". Journal of Electroanalytical Chemistry, 2020, 872, 114529.	1.9	1
38	Human Hair Keratin Direct Electrochemistry and Inâ€...Situ Interaction with pâ€Toluenediamine and pâ€Aminophenol Hair Dye Precursors using a Keratin Electrochemical Biosensor. ChemElectroChem, 2020, 7, 1277-1285.	1.7	6
39	Preparation of FTO/CU2O Electrode Protected by PEDOT:PSS and Its Better Performance in the Photoelectrocatalytic Reduction of CO2 to Methanol. Electrocatalysis, 2020, 11, 546-554.	1.5	13
40	Carbon Nanotubeâ€Based Molecularly Imprinted Voltammetric Sensor for Selective Diuretic Analysis of Dialysate and Hemodialysis Wastewater. ChemElectroChem, 2020, 7, 3006-3016.	1.7	3
41	Computational and statistical modeling for parameters optimization of electrochemical decontamination of synozol red dye wastewater. Chemosphere, 2020, 253, 126673.	4.2	36
42	Cathodic stripping voltammetric determination of Î²-cyfluthrin, a pyrethroid insecticide, using polished silver solid amalgam electrode. Journal of Solid State Electrochemistry, 2020, 24, 1819-1826.	1.2	3
43	Photoelectrodes of Cu2O with interfacial structure of topological insulator Bi2Se3 contributes to selective photoelectrocatalytic reduction of CO2 towards methanol. Journal of CO2 Utilization, 2020, 39, 101154.	3.3	23
44	Electrochemical preparation of Nb2O5 nanochannel photoelectrodes for enhanced photoelectrocatalytic performance in removal of RR120 dye. Chemosphere, 2020, 257, 127164.	4.2	10
45	Fast removal of Candida parapsilosis from hemodialysis dialysate using ultraviolet or visible light at nanoporous W/WO3 electrodes. Journal of Environmental Chemical Engineering, 2019, 7, 103104.	3.3	7
46	CO₂ Reduction of Hybrid Cu₂Oâ€“Cu/Gas Diffusion Layer Electrodes and their Integration in a Cuâ€based Photoelectrocatalytic Cell. ChemSusChem, 2019, 12, 4274-4284.	3.6	39
47	Efficient treatment of swimming pool water by photoelectrocatalytic ozonation: Inactivation of Candida parapsilosis and mineralization of Benzophenone-3 and urea. Chemical Engineering Journal, 2019, 378, 122094.	6.6	26
48	Experimental design as a tool for parameter optimization of photoelectrocatalytic degradation of a textile dye. Journal of Environmental Chemical Engineering, 2019, 7, 103264.	3.3	19
49	Ag/polydopamine-modified Ti/TiO2 nanotube arrays: A platform for enhanced CO2 photoelectroreduction to methanol. Journal of CO2 Utilization, 2019, 34, 596-605.	3.3	24
50	Assessment of the autoxidation mechanism of p-toluenediamine by air and hydrogen peroxide and determination of mutagenic environmental contaminant in beauty salon effluent. Science of the Total Environment, 2019, 685, 911-922.	3.9	21
51	Electroanalytical sensing of dyes and colorants. Current Opinion in Electrochemistry, 2019, 16, 134-142.	2.5	31
52	Electrochemical sensors based on biomimetic magnetic molecularly imprinted polymer for selective quantification of methyl green in environmental samples. Materials Science and Engineering C, 2019, 103, 109825.	3.8	62
53	Turning carbon dioxide into fuel concomitantly to the photoanode-driven process of organic pollutant degradation by photoelectrocatalysis. Electrochimica Acta, 2019, 306, 277-284.	2.6	21
54	Evidences of the Electrochemical Production of Sulfate Radicals at Cathodically Polarized TiO2 Nanotubes Electrodes. Electrocatalysis, 2019, 10, 272-276.	1.5	4

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55	Electroactive sugars, organic acids and sugar alcohol analysis in wine using anion-exchange chromatography with electrochemical detection. Microchemical Journal, 2019, 147, 972-978.	2.3	10
56	Combination of Photoelectrocatalysis and Ozonation as a Good Strategy for Organics Oxidation and Decreased Toxicity in Oil-Produced Water. Journal of the Electrochemical Society, 2019, 166, H3231-H3238.	1.3	23
57	Electrodeposition of WO3 on Ti substrate and the influence of interfacial oxide layer generated in situ: A photoelectrocatalytic degradation of propyl paraben. Applied Surface Science, 2019, 464, 664-672.	3.1	33
58	Electrochemical decolorization of Rhodamine B dye: Influence of anode material, chloride concentration and current density. Journal of Environmental Chemical Engineering, 2018, 6, 2041-2047.	3.3	91
59	Assessment of several advanced oxidation processes applied in the treatment of environmental concern constituents from a real hair dye wastewater. Journal of Environmental Chemical Engineering, 2018, 6, 2794-2802.	3.3	42
60	Photoelectrocatalytic performance of nanostructured p-n junction NtTiO2/NsCuO electrode in the selective conversion of CO2 to methanol at low bias potentials. Journal of CO2 Utilization, 2018, 24, 81-88.	3.3	42
61	Adsorptive stripping voltammetry for simultaneous determination of hydrochlorothiazide and triamterene in hemodialysis samples using a multi-walled carbon nanotube-modified glassy carbon electrode. Talanta, 2018, 179, 652-657.	2.9	23
62	Identification of biotransformation products of disperse dyes with rat liver microsomes by LC-MS/MS and theoretical studies with DNA: Structure-mutagenicity relationship using Salmonella/microsome assay. Science of the Total Environment, 2018, 613-614, 1093-1103.	3.9	16
63	Role of CuO in the modification of the photocatalytic water splitting behavior of TiO2 nanotube thin films. Applied Catalysis B: Environmental, 2018, 224, 136-145.	10.8	149
64	MOFs based on ZIF-8 deposited on TiO2 nanotubes increase the surface adsorption of CO2 and its photoelectrocatalytic reduction to alcohols in aqueous media. Applied Catalysis B: Environmental, 2018, 225, 563-573.	10.8	157
65	Influence of auxochrome group in disperse dyes bearing azo groups as chromophore center in the biotransformation and molecular docking prediction by reductase enzyme: Implications and assessment for environmental toxicity of xenobiotics. Ecotoxicology and Environmental Safety, 2018, 160, 114-126.	2.9	28
66	Red disperse dyes (DR 60, DR 73 and DR 78) at environmentally realistic concentrations impact biochemical profile of early life stages of zebrafish (Danio rerio). Chemico-Biological Interactions, 2018, 292, 94-100.	1.7	25
67	Biotransformation of disperse dyes using nitroreductase immobilized on magnetic particles modified with tosyl group: Identification of products by LC-MS-MS and theoretical studies conducted with DNA. Environmental Pollution, 2018, 242, 863-871.	3.7	4
68	Contribution of thin films of ZrO2 on TiO2 nanotubes electrodes applied in the photoelectrocatalytic CO2 conversion. Journal of CO2 Utilization, 2018, 25, 254-263.	3.3	29
69	A simple electrochemical method to monitor an azo dye reaction with a liver protein. Analytical Biochemistry, 2018, 553, 46-53.	1.1	4
70	Ecotoxicological risk assessment of the â€œAcid Black 210â€•dye. Toxicology, 2017, 376, 113-119.	2.0	39
71	Quantifying the contribution of dyes to the mutagenicity of waters under the influence of textile activities. Science of the Total Environment, 2017, 601-602, 230-236.	3.9	79
72	Synthesis and evaluation of a molecularly imprinted polymer for selective adsorption and quantification of Acid Green 16 textile dye in water samples. Talanta, 2017, 170, 244-251.	2.9	56

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73	An Artificial Photosynthesis System Based on Ti/TiO2 Coated with Cu(II) Aspirinate Complex for CO2 Reduction to Methanol. Electrocatalysis, 2017, 8, 279-287.	1.5	20
74	Self-doped TiO2 nanotube electrodes: A powerful tool as a sensor platform for electroanalytical applications. Electrochimica Acta, 2017, 235, 527-533.	2.6	44
75	Assessment of molecularly imprinted polymers (MIPs) in the preconcentration of disperse red 73 dye prior to photoelectrocatalytic treatment. Environmental Science and Pollution Research, 2017, 24, 4134-4143.	2.7	6
76	Molecularly Imprinted Polymer (MIP): A Promising Recognition System for Development of Optical Sensor for Textile Dyes. Procedia Technology, 2017, 27, 299-300.	1.1	6
77	A glassy carbon electrode modified with reduced graphene oxide for sensitive determination of bumetanide in urine at levels required for doping analysis. Mikrochimica Acta, 2017, 184, 4117-4124.	2.5	8
78	On the application of Ti/TiO 2 /CuO n-p junction semiconductor: A case study of electrolyte, temperature and potential influence on CO 2 reduction. Chemical Engineering Journal, 2017, 318, 264-271.	6.6	67
79	Semi-permanent hair dyes degradation at W/WO3 photoanode under controlled current density assisted by visible light. Journal of Advanced Oxidation Technologies, 2017, 20, .	0.5	1
80	PANORAMA DA ELETROQUÃMICA E ELETROANALÃTICA NO BRASIL. Quimica Nova, 2017, , .	0.3	1
81	Enhanced Detection of Ponceau 4R Food Dye by Glassy Carbon Electrode Modified with Reduced Graphene Oxide. Journal of the Brazilian Chemical Society, 2017, , .	0.6	3
82	Electrochemistry: A Powerful Tool for Preparation of Semiconductor Materials for Decontamination of Organic and Inorganic Pollutants, Disinfection, and CO 2 Reduction. , 2017, , 239-269.		1
83	Multiâ€responses Methodology Applied in the Electroanalytical Determination of Hair Dye by Using Printed Carbon Electrode Modified with Graphene. Electroanalysis, 2016, 28, 1085-1092.	1.5	5
84	Occurrence and risk assessment of an azo dye â€“ The case of Disperse Red 1. Chemosphere, 2016, 156, 95-100.	4.2	49
85	Magneto-actuated immunoassay for the detection of Mycobacterium fortuitum in hemodialysis water. Talanta, 2016, 153, 38-44.	2.9	10
86	Efficiency comparison of ozonation, photolysis, photocatalysis and photoelectrocatalysis methods in real textile wastewater decolorization. Water Research, 2016, 98, 39-46.	5.3	185
87	Use of a composite electrode modified with magnetic particles for electroanalysis of azo dye removed from dyed hair strands. Journal of Electroanalytical Chemistry, 2016, 782, 26-31.	1.9	6
88	Nitrite Reduction Enhancement on Semiconducting Electrode Decorated with Copper(II) Aspirinate Complex. Electrocatalysis, 2016, 7, 486-494.	1.5	2
89	Combining different assays and chemical analysis to characterize the genotoxicity of waters impacted by textile discharges. Environmental and Molecular Mutagenesis, 2016, 57, 559-571.	0.9	21
90	Appraisal of photoelectrocatalytic oxidation of glucose and production of high value chemicals on nanotube Ti/TiO2 electrode. Electrochimica Acta, 2016, 222, 123-132.	2.6	16

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91	Effectiveness of photoelectrocatalysis treatment for the inactivation of Candida parapsilosis sensu stricto in planktonic cultures and biofilms. Applied Catalysis A: General, 2016, 511, 149-155.	2.2	20
92	Determination of Quercetin by a Siloxane-Polyester/Poly-L-Lysine Nanocomposite Modified Glassy Carbon Electrode. Analytical Letters, 2016, 49, 1398-1411.	1.0	7
93	Voltammetric sensor based on magnetic particles modified composite electrode for determination of triamterene in biological sample. Journal of Solid State Electrochemistry, 2016, 20, 2491-2501.	1.2	10
94	Combination of photoelectrocatalysis and ozonation: A novel and powerful approach applied in Acid Yellow 1 mineralization. Applied Catalysis B: Environmental, 2016, 180, 161-168.	10.8	53
95	Hydrogen production and simultaneous photoelectrocatalytic pollutant oxidation using a TiO2/WO3 nanostructured photoanode under visible light irradiation. Journal of Electroanalytical Chemistry, 2016, 765, 188-196.	1.9	38
96	Carbon Nanotube-Based Electrochemical Sensor for the Determination of Anthraquinone Hair Dyes in Wastewaters. Chemosensors, 2015, 3, 22-35.	1.8	12
97	Using SPE-LC-ESI-MS/MS Analysis to Assess Disperse Dyes in Environmental Water Samples. Journal of Chromatographic Science, 2015, 53, 1257-1264.	0.7	43
98	Potential of a bacterial consortium to degrade azo dye Disperse Red 1 in a pilot scale anaerobicâ€“aerobic reactor. Process Biochemistry, 2015, 50, 816-825.	1.8	33
99	Using ionic liquid combined with HPLC-DAD to analyze semi-permanent hair dyes in commercial formulations. Analytical Methods, 2015, 7, 1115-1122.	1.3	10
100	Achievements and Trends in Photoelectrocatalysis: from Environmental to Energy Applications. Electrocatalysis, 2015, 6, 415-441.	1.5	201
101	The azo dye Disperse Red 13 and its oxidation and reduction products showed mutagenic potential. Toxicology in Vitro, 2015, 29, 1906-1915.	1.1	40
102	A molecularly imprinted polymer-based evanescent wave fiber optic sensor for the detection of basic red 9 dye. Sensors and Actuators B: Chemical, 2015, 218, 222-228.	4.0	45
103	Photoelectrocatalytic/photoelectro-Fenton coupling system using a nanostructured photoanode for the oxidation of a textile dye: Kinetics study and oxidation pathway. Chemosphere, 2015, 136, 63-71.	4.2	47
104	Bubble annular photoeletrocatalytic reactor with TiO2 nanotubes arrays applied in the textile wastewater. Journal of Environmental Chemical Engineering, 2015, 3, 1177-1184.	3.3	21
105	The oxidation of p-phenylenediamine, an ingredient used for permanent hair dyeing purposes, leads to the formation of hydroxyl radicals: Oxidative stress and DNA damage in human immortalized keratinocytes. Toxicology Letters, 2015, 239, 194-204.	0.4	46
106	A New Si/TiO2/Pt p-n Junction Semiconductor to Demonstrate Photoelectrochemical CO2 Conversion. Electrochimica Acta, 2015, 185, 117-124.	2.6	49
107	The cosmetic dye quinoline yellow causes DNA damage in vitro. Mutation Research - Genetic Toxicology and Environmental Mutagenesis, 2015, 777, 54-61.	0.9	34
108	Photoelectrochemical reduction of CO2 on Cu/Cu2O films: Product distribution and pH effects. Chemical Engineering Journal, 2015, 264, 302-309.	6.6	114

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109	Enhanced photoelectrocatalytic degradation of an acid dye with boron-doped TiO2 nanotube anodes. Catalysis Today, 2015, 240, 100-106.	2.2	109
110	THE CHEMISTRY AND TOXICITY OF HAIR DYES. Quimica Nova, 2014, , .	0.3	4
111	Combined photoelectrocatalytic/electro-Fenton process using a Pt/TiO 2 NTs photoanode for enhanced degradation of an azo dye: A mechanistic study. Journal of Electroanalytical Chemistry, 2014, 734, 43-52.	1.9	22
112	Ti/<scp>TiO₂</scp> nanotubes enhance Mycobacterium fortuitum, Mycobacterium chelonae and Mycobacterium abscessus inactivation in water. Journal of Chemical Technology and Biotechnology, 2014, 89, 1686-1696.	1.6	10
113	Genotoxicological assessment of two reactive dyes extracted from cotton fibres using artificial sweat. Toxicology in Vitro, 2014, 28, 31-38.	1.1	34
114	Voltammetric sensor for simultaneous determination of p-phenylenediamine and resorcinol in permanent hair dyeing and tap water by composite carbon nanotubes/chitosan modified electrode. Microchemical Journal, 2014, 116, 261-268.	2.3	47
115	Silver ion release from electrodes of nanotubes of TiO2 impregnated with Ag nanoparticles applied in photoelectrocatalytic disinfection. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 278, 1-8.	2.0	40
116	Electrochemical method for quantitative determination of trace amounts of disperse dye in wastewater. Coloration Technology, 2014, 130, 43-47.	0.7	6
117	Enhancement of voltammetric determination of quinizarine based on the adsorption at surfactant-adsorbed-layer in disposable electrodes. Fuel, 2014, 136, 201-207.	3.4	18
118	Enhanced photoabsorption properties of composites of Ti/TiO2 nanotubes decorated by Sb2S3 and improvement of degradation of hair dye. Journal of Photochemistry and Photobiology A: Chemistry, 2014, 276, 96-103.	2.0	42
119	Assessment of the breakdown products of solar/UV induced photolytic degradation of food dye tartrazine. Food and Chemical Toxicology, 2014, 68, 307-315.	1.8	36
120	Decoration of Ti/TiO₂Nanotubes with Pt Nanoparticles for Enhanced UV-Vis Light Absorption in Photoelectrocatalytic Process. Journal of the Brazilian Chemical Society, 2014, , .	0.6	9
121	Efficient Photoelectrochemical Reduction of Nitrite to Ammonium and Nitrogen Containing Gaseous Species Using Ti/TiO2Nanotube Electrodes. Journal of the Brazilian Chemical Society, 2014, , .	0.6	2
122	Development and application of an electronic tongue for detection and monitoring of nitrate, nitrite and ammonium levels in waters. Microchemical Journal, 2013, 110, 273-279.	2.3	70
123	On the application of nanostructured electrodes prepared by Ti/TiO2/WO3 â€œtemplateâ€• A case study of removing toxicity of indigo using visible irradiation. Chemosphere, 2013, 91, 586-593.	4.2	42
124	Highly Ordered TiO₂ Nanotubes for Electrochemical Sensing of Hair Dye Basic Brown 17. Electroanalysis, 2013, 25, 2507-2514.	1.5	10
125	A photoelectrocatalytic process that disinfects water contaminated with Mycobacterium kansasii and Mycobacterium avium. Water Research, 2013, 47, 6596-6605.	5.3	66
126	Chlorine disinfection of dye wastewater: Implications for a commercial azo dye mixture. Science of the Total Environment, 2013, 442, 302-309.	3.9	56

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127	CYP-450 isoenzymes catalyze the generation of hazardous aromatic amines after reaction with the azo dye Sudan III. Food and Chemical Toxicology, 2013, 57, 217-226.	1.8	27
128	Photoelectrocatalysis based on Ti/TiO2 nanotubes removes toxic properties of the azo dyes Disperse Red 1, Disperse Red 13 and Disperse Orange 1 from aqueous chloride samples. Journal of Environmental Management, 2013, 124, 108-114.	3.8	51
129	Electrochemical behavior and voltammetric determination of pyrazinamide using a poly-histidine modified electrode. Journal of Electroanalytical Chemistry, 2013, 690, 47-52.	1.9	44
130	Photoelectrocatalytic oxidation of hair dye basic red 51 at W/WO3/TiO2 bicomposite photoanode activated by ultraviolet and visible radiation. Journal of Environmental Chemical Engineering, 2013, 1, 194-199.	3.3	16
131	Photoelectrochemical Hydrogen Generation and Concomitant Organic Dye Oxidation under TiO2 Nanotube. ECS Transactions, 2013, 50, 63-70.	0.3	5
132	Identification of Sudan III-(deoxy)-guanosine adducts formed in situ in a reaction with no catalyst. Toxicological and Environmental Chemistry, 2013, 95, 1506-1517.	0.6	1
133	Nitrate Removal on a Cu/Cu2O Photocathode under UV Irradiation and Bias Potential. Journal of Advanced Oxidation Technologies, 2013, 16, .	0.5	5
134	Fast Screening for Antioxidant Properties of Flavonoids from Pterogyne nitens Using Electrochemical Methods. Journal of AOAC INTERNATIONAL, 2012, 95, 773-777.	0.7	3
135	Electrochemical Determination of Antimalarial Drug Amodiaquine in Maternal Milk Using a Hemin-Based Electrode. ECS Transactions, 2012, 43, 297-304.	0.3	10
136	Inactivation and disposal of by-products from Mycobacterium smegmatis by photoelectrocatalytic oxidation using Ti/TiO2-Ag nanotube electrodes. Electrochimica Acta, 2012, 85, 33-41.	2.6	28
137	Fabrication of coaxial TiO2/Sb2S3 nanowire hybrids for efficient nanostructured organicâ€“inorganic thin film photovoltaics. Chemical Communications, 2012, 48, 2818.	2.2	69
138	Effect of Ionic Liquid on the Determination of Aromatic Amines as Contaminants in Hair Dyes by Liquid Chromatography Coupled to Electrochemical Detection. Molecules, 2012, 17, 7961-7979.	1.7	23
139	Assessment of by-products of chlorination and photoelectrocatalytic chlorination of an azo dye. Journal of Hazardous Materials, 2012, 205-206, 1-9.	6.5	8
140	Protein and metabolic profiles of Peperomia Obtusifolia (Piperaceae). Planta Medica, 2012, 78, .	0.7	0
141	Analyses of the genotoxic and mutagenic potential of the products formed after the biotransformation of the azo dye Disperse Red 1. Toxicology in Vitro, 2011, 25, 2054-2063.	1.1	107
142	Corantes marcadores de combustÃveis: legislaÃ§Ã£o e mÃ©todos analÃticos para detecÃ§Ã£o. Quimica Nova, 2011, 34, 1683-1691.	0.3	8
143	Nanoporous of W/WO3 Thin Film Electrode Grown by Electrochemical Anodization Applied in the Photoelectrocatalytic Oxidation of the Basic Red 51 used in Hair Dye. Journal of the Brazilian Chemical Society, 2011, 22, 718-725.	0.6	17
144	Multifunctional antitumor magnetite/chitosan-l-glutamic acid (core/shell) nanocomposites. Journal of Nanoparticle Research, 2011, 13, 4311-4323.	0.8	21

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145	Differential toxicity of Disperse Red 1 and Disperse Red 13 in the Ames test, HepG2 cytotoxicity assay, and Daphnia acute toxicity test. Environmental Toxicology, 2011, 26, 489-497.	2.1	108
146	Influence of particle size on the photoactivity of Ti/TiO2 thin film electrodes, and enhanced photoelectrocatalytic degradation of indigo carmine dye. Journal of Photochemistry and Photobiology A: Chemistry, 2011, 217, 259-266.	2.0	43
147	The electrochemical reduction of the purines guanine and adenine at platinum electrodes in several room temperature ionic liquids. Analytica Chimica Acta, 2010, 659, 115-121.	2.6	33
148	Determination of isoniazid in human urine using screen-printed carbon electrode modified with poly-l-histidine. Bioelectrochemistry, 2010, 77, 133-138.	2.4	75
149	Mutagenic activity removal of selected disperse dye by photoeletrocatalytic treatment. Journal of Applied Electrochemistry, 2010, 40, 485-492.	1.5	23
150	Sensitive Determination of Water Insoluble Dyes Used as Marking of Commercial Petroleum Products Using Highâ€Performance Liquid Chromatography with Electrochemical Detection. Electroanalysis, 2010, 22, 955-962.	1.5	7
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