

Elisabetta Petrucci

List of Publications by Year in descending order

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Version: 2024-02-01

38
papers

1,257
citations

516561

16
h-index

360920

35
g-index

38
all docs

38
docs citations

38
times ranked

1554
citing authors

#	ARTICLE	IF	CITATIONS
1	Hexavalent chromium reduction in contaminated soil: A comparison between ferrous sulphate and nanoscale zero-valent iron. <i>Journal of Hazardous Materials</i> , 2015, 281, 70-76.	6.5	179
2	An experimental comparison of a graphite electrode and a gas diffusion electrode for the cathodic production of hydrogen peroxide. <i>Journal of Applied Electrochemistry</i> , 2005, 35, 413-419.	1.5	139
3	Recycled fibers in reinforced concrete: A systematic literature review. <i>Journal of Cleaner Production</i> , 2020, 248, 119207.	4.6	136
4	On the ability to electrogenerate hydrogen peroxide and to regenerate ferrous ions of three selected carbon-based cathodes for electro-Fenton processes. <i>Chemical Engineering Journal</i> , 2016, 283, 750-758.	6.6	122
5	Treatment of industrial landfill leachate by means of evaporation and reverse osmosis. <i>Waste Management</i> , 2002, 22, 951-955.	3.7	105
6	Pyrolysis wastewater treatment by adsorption on biochars produced by poplar biomass. <i>Journal of Environmental Management</i> , 2017, 197, 231-238.	3.8	66
7	Electrochemical treatment of Remazol Brilliant Blue on a boron-doped diamond electrode. <i>Chemical Engineering Journal</i> , 2009, 153, 138-144.	6.6	53
8	UV-assisted electrochemical degradation of coumarin on boron-doped diamond electrodes. <i>Chemical Engineering Journal</i> , 2017, 323, 512-519.	6.6	48
9	Oxidation efficiency in the electro-Fenton process. <i>Journal of Applied Electrochemistry</i> , 2005, 35, 391-398.	1.5	43
10	Anodic oxidation of a simulated effluent containing Reactive Blue 19 on a boron-doped diamond electrode. <i>Chemical Engineering Journal</i> , 2011, 174, 612-618.	6.6	41
11	Treatment of diazo dye Reactive Green 19 by anodic oxidation on a boron-doped diamond electrode. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 26, 116-121.	2.9	38
12	Electrogeneration of hydrogen peroxide in seawater and application to disinfection. <i>Journal of Applied Electrochemistry</i> , 2008, 38, 997-1003.	1.5	33
13	Enhanced degradation of paracetamol by combining UV with electrogenerated hydrogen peroxide and ozone. <i>Journal of Water Process Engineering</i> , 2020, 34, 101102.	2.6	28
14	Electrochemically assisted decomposition of ozone for degradation and mineralization of Diuron. <i>Electrochimica Acta</i> , 2020, 331, 135423.	2.6	28
15	Anodic, cathodic and combined treatments for the electrochemical oxidation of an effluent from the flame retardant industry. <i>Journal of Applied Electrochemistry</i> , 2008, 38, 947-954.	1.5	22
16	Influence of surface roughening of Titanium substrate in the electrochemical activity of Manganese oxide thin film electrode in anodic oxidation of dye-containing solutions. <i>Journal of Applied Electrochemistry</i> , 2015, 45, 787-797.	1.5	18
17	FT-Raman spectroscopy for quantitative analysis of salt efflorescences. <i>Journal of Raman Spectroscopy</i> , 2012, 43, 1560-1566.	1.2	17
18	Biocides electrogeneration for a zero-reagent on board disinfection of ballast water. <i>Journal of Applied Electrochemistry</i> , 2013, 43, 237-244.	1.5	15

#	ARTICLE	IF	CITATIONS
19	Degradation of chloramphenicol in water by oxidation on a boron-doped diamond electrode under UV irradiation. <i>Journal of Water Process Engineering</i> , 2021, 41, 101995.	2.6	14
20	Treatment of the solution extracted from metal contaminated soils by reverse osmosis and chemical precipitation. <i>Annali Di Chimica</i> , 2003, 93, 1005-11.	0.6	14
21	Experimental study of the remediation of atrazine contaminated soils through soil extraction and subsequent peroxidation. <i>Journal of Hazardous Materials</i> , 2003, 99, 265-276.	6.5	11
22	Practical Aspects on Electrochemical Disinfection of Urban and Domestic Wastewater. , 2018, , 421-447.		11
23	Sequential extraction analysis provides decision-making tools for the use of contaminated sediments. <i>Chemistry and Ecology</i> , 2011, 27, 107-118.	0.6	10
24	Modeling and optimization of Reactive Green 19 oxidation on a BDD thin-film electrode. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2015, 51, 152-158.	2.7	10
25	Micro- and nanostructured TiO ₂ substrate: Influence on the electrocatalytic properties of manganese oxide based electrodes. <i>Journal of Electroanalytical Chemistry</i> , 2018, 808, 380-386.	1.9	8
26	Effect of Spin Coating Parameters on the Electrochemical Properties of Ruthenium Oxide Thin Films. <i>Electrochem</i> , 2021, 2, 83-94.	1.7	8
27	Shortcut Biological Nitrogen Removal (SBNR) in an MFC Anode Chamber Under Microaerobic Conditions: The Effect of C/N Ratio and Kinetic Study. <i>Sustainability</i> , 2018, 10, 1062.	1.6	7
28	Fenton-type treatment: state of the art. <i>Annali Di Chimica</i> , 2003, 93, 761-70.	0.6	6
29	Mixed Oxide Electrodes Based on Ruthenium and Copper: Electrochemical Properties as a Function of the Composition and Method of Manufacture. <i>Metals</i> , 2022, 12, 316.	1.0	6
30	Environmental Effects of Using Chelating Agents in Polluted Sediment Remediation. <i>Bulletin of Environmental Contamination and Toxicology</i> , 2015, 94, 340-344.	1.3	5
31	Ozone-based electrochemical advanced oxidation processes. <i>Current Opinion in Electrochemistry</i> , 2022, 34, 101017.	2.5	5
32	Oxidation of phosphorus compounds by Fenton's reagent. <i>Annali Di Chimica</i> , 2003, 93, 935-45.	0.6	3
33	Sequential use of Fenton and electro-Fenton process for the oxidation of an effluent-containing hypophosphite and phosphite. <i>Desalination and Water Treatment</i> , 2013, , 1-9.	1.0	2
34	Treatment and recovery of contaminated railway ballast. <i>Turkish Journal of Engineering and Environmental Sciences</i> , 2014, 38, 248-255.	0.1	2
35	Tetrachloroethene recovery and hazard reduction of spent powders from dry cleaning process. <i>Waste Management and Research</i> , 2015, 33, 339-344.	2.2	2
36	Polymerisation occurrence in the anodic oxidation of phosphite on a boron-doped diamond electrode. <i>Electrochimica Acta</i> , 2008, 53, 4952-4957.	2.6	1

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37	Use of a standard system to evaluate the matrix effect on the treatment of a solution from atrazine contaminated soils. <i>Annali Di Chimica</i> , 2003, 93, 997-1004.	0.6	1
38	Experimental assessment of electrochemical processes in the remediation of atrazine contaminated soils. <i>Annali Di Chimica</i> , 2002, 92, 1007-13.	0.6	0