

Marta Pazos

List of Publications by Year in descending order

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160
papers

5,961
citations

61984

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all docs

162
docs citations

162
times ranked

5179
citing authors

#	ARTICLE	IF	CITATIONS
1	Current advances and trends in electro-Fenton process using heterogeneous catalysts – A review. <i>Chemosphere</i> , 2018, 201, 399-416.	8.2	270
2	Challenges and recent advances in biochar as low-cost biosorbent: From batch assays to continuous-flow systems. <i>Bioresource Technology</i> , 2017, 246, 176-192.	9.6	192
3	Decontamination of soils containing PAHs by electroremediation: A review. <i>Journal of Hazardous Materials</i> , 2010, 177, 1-11.	12.4	184
4	Electro-Fenton decoloration of dyes in a continuous reactor: A promising technology in colored wastewater treatment. <i>Chemical Engineering Journal</i> , 2009, 155, 62-67.	12.7	147
5	Electrochemical decolourisation of structurally different dyes. <i>Chemosphere</i> , 2004, 57, 233-239.	8.2	135
6	Decolourisation of dyes under electro-Fenton process using Fe alginate gel beads. <i>Journal of Hazardous Materials</i> , 2012, 213-214, 369-377.	12.4	122
7	Electrokinetic remediation of lead and phenanthrene polluted soils. <i>Geoderma</i> , 2012, 173-174, 128-133.	5.1	108
8	Advances in the Electro-Fenton Process for Remediation of Recalcitrant Organic Compounds. <i>Chemical Engineering and Technology</i> , 2012, 35, 609-617.	1.5	100
9	Electro-Fenton oxidation of imidacloprid by Fe alginate gel beads. <i>Applied Catalysis B: Environmental</i> , 2014, 144, 416-424.	20.2	99
10	Combined treatment of PAHs contaminated soils using the sequence extraction with surfactant – electrochemical degradation. <i>Chemosphere</i> , 2008, 70, 1438-1444.	8.2	93
11	PAHs soil decontamination in two steps: Desorption and electrochemical treatment. <i>Journal of Hazardous Materials</i> , 2009, 166, 462-468.	12.4	86
12	Homogeneous and heterogeneous peroxymonosulfate activation by transition metals for the degradation of industrial leather dye. <i>Journal of Cleaner Production</i> , 2019, 228, 222-230.	9.3	82
13	Bacterial – fungal interactions enhance power generation in microbial fuel cells and drive dye decolourisation by an ex situ and in situ electro-Fenton process. <i>Bioresource Technology</i> , 2013, 148, 39-46.	9.6	81
14	Improvement in electrokinetic remediation of heavy metal spiked kaolin with the polarity exchange technique. <i>Chemosphere</i> , 2006, 62, 817-822.	8.2	79
15	Grapefruit peelings as a promising biosorbent for the removal of leather dyes and hexavalent chromium. <i>Chemical Engineering Research and Design</i> , 2016, 101, 61-71.	5.6	71
16	Removal of PAHs and pesticides from polluted soils by enhanced electrokinetic-Fenton treatment. <i>Chemosphere</i> , 2015, 125, 168-174.	8.2	70
17	Application of zeolite- <i>Arthrobacter viscosus</i> system for the removal of heavy metal and dye: Chromium and Azure B. <i>Desalination</i> , 2012, 284, 150-156.	8.2	69
18	Application of central composite face-centered design and response surface methodology for the optimization of electro-Fenton decolorization of Azure B dye. <i>Environmental Science and Pollution Research</i> , 2012, 19, 1738-1746.	5.3	68

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19	The impact of electrokinetic treatment on a loamy-sand soil properties. <i>Chemical Engineering Journal</i> , 2012, 183, 231-237.	12.7	66
20	Remediation of contaminated marine sediment using electrokinetic-Fenton technology. <i>Journal of Industrial and Engineering Chemistry</i> , 2013, 19, 932-937.	5.8	66
21	p-Nitrophenol degradation by electro-Fenton process: Pathway, kinetic model and optimization using central composite design. <i>Chemosphere</i> , 2017, 185, 726-736.	8.2	65
22	Degradation of thiamethoxam by the synergetic effect between anodic oxidation and Fenton reactions. <i>Journal of Hazardous Materials</i> , 2016, 319, 43-50.	12.4	64
23	Chestnut shell and barley bran as potential substrates for laccase production by <i>Coriolopsis rigida</i> under solid-state conditions. <i>Journal of Food Engineering</i> , 2005, 68, 315-319.	5.2	63
24	Electrokinetic remediation of PAH mixtures from kaolin. <i>Journal of Hazardous Materials</i> , 2010, 179, 1156-1160.	12.4	63
25	Remediation of polluted soil by a two-stage treatment system: Desorption of phenanthrene in soil and electrochemical treatment to recover the extraction agent. <i>Journal of Hazardous Materials</i> , 2010, 173, 794-798.	12.4	63
26	Antibiotic contaminated water treated by photo driven advanced oxidation processes: Ultraviolet/H ₂ O ₂ vs ultraviolet/peracetic acid. <i>Journal of Cleaner Production</i> , 2018, 205, 67-75.	9.3	63
27	Heterogeneous electro-Fenton treatment: preparation, characterization and performance in groundwater pesticide removal. <i>Journal of Industrial and Engineering Chemistry</i> , 2015, 27, 276-282.	5.8	62
28	Heterogeneous electro-Fenton using natural pyrite as solid catalyst for oxidative degradation of vanillic acid. <i>Journal of Electroanalytical Chemistry</i> , 2017, 797, 69-77.	3.8	62
29	New approaches on heterogeneous electro-Fenton treatment of winery wastewater. <i>Electrochimica Acta</i> , 2015, 169, 134-141.	5.2	60
30	Selection of an electrolyte to enhance the electrochemical decolourisation of indigo. Optimisation and scale-up. <i>Chemosphere</i> , 2005, 60, 1080-1086.	8.2	59
31	Development of an electrochemical cell for the removal of Reactive Black 5. <i>Desalination</i> , 2011, 274, 39-43.	8.2	58
32	A step forward in heterogeneous photocatalysis: Process intensification by using a static mixer as catalyst support. <i>Chemical Engineering Journal</i> , 2018, 343, 597-606.	12.7	57
33	Effective heterogeneous electro-Fenton process of m-cresol with iron loaded activated carbon. <i>RSC Advances</i> , 2015, 5, 31049-31056.	3.6	56
34	Box-Behnken methodology for Cr (VI) and leather dyes removal by an eco-friendly biosorbent: <i>F. vesiculosus</i> . <i>Bioresource Technology</i> , 2014, 160, 166-174.	9.6	55
35	Improving on electrokinetic remediation in spiked Mn kaolinite by addition of complexing agents. <i>Electrochimica Acta</i> , 2007, 52, 3349-3354.	5.2	52
36	Application of benthonic microbial fuel cells and electro-Fenton process to dye decolourisation. <i>Journal of Industrial and Engineering Chemistry</i> , 2014, 20, 3754-3760.	5.8	52

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37	Bacillus thuringiensis a promising bacterium for degrading emerging pollutants. Chemical Engineering Research and Design, 2016, 101, 19-26.	5.6	51
38	Development of permeable reactive biobarrier for the removal of PAHs by Trichoderma longibrachiatum. Chemosphere, 2013, 91, 711-716.	8.2	50
39	Soil washing using cyclodextrins and their recovery by application of electrochemical technology. Chemical Engineering Journal, 2010, 159, 53-57.	12.7	49
40	Enhanced selective metal adsorption on optimised agroforestry waste mixtures. Bioresource Technology, 2015, 182, 41-49.	9.6	49
41	Using iron-loaded sepiolite obtained by adsorption as a catalyst in the electro-Fenton oxidation of Reactive Black 5. Environmental Science and Pollution Research, 2013, 20, 5983-5993.	5.3	47
42	Technosols as a novel valorization strategy for an ecological management of dredged marine sediments. Ecological Engineering, 2014, 67, 182-189.	3.6	46
43	Kaolinite adsorption-regeneration system for dyestuff treatment by Fenton based processes. Science of the Total Environment, 2018, 622-623, 556-562.	8.0	46
44	A two-stage process using electrokinetic remediation and electrochemical degradation for treating benzo[a]pyrene spiked kaolin. Chemosphere, 2009, 74, 1516-1521.	8.2	45
45	Nickel foam a suitable alternative to increase the generation of Fenton's reagents. Chemical Engineering Research and Design, 2016, 101, 34-44.	5.6	45
46	Unravelling the Environmental Application of Biochar as Low-Cost Biosorbent: A Review. Applied Sciences (Switzerland), 2020, 10, 7810.	2.5	44
47	Environmental application of an industrial waste as catalyst for the electro-Fenton-like treatment of organic pollutants. RSC Advances, 2015, 5, 14416-14424.	3.6	43
48	Surfactant-Enhanced Solubilization and Simultaneous Degradation of Phenanthrene in Marine Sediment by Electro-Fenton Treatment. Industrial & Engineering Chemistry Research, 2014, 53, 2917-2923.	3.7	42
49	Optimisation of decolourisation and degradation of Reactive Black 5 dye under electro-Fenton process using Fe alginate gel beads. Environmental Science and Pollution Research, 2013, 20, 2172-2183.	5.3	41
50	Electrokinetic remediation of inorganic and organic pollutants in textile effluent contaminated agricultural soil. Chemosphere, 2014, 117, 673-678.	8.2	40
51	Electro-Fenton treatment of imidazolium-based ionic liquids: kinetics and degradation pathways. RSC Advances, 2016, 6, 1958-1965.	3.6	40
52	Comprehensive strategy for the degradation of anti-inflammatory drug diclofenac by different advanced oxidation processes. Separation and Purification Technology, 2019, 208, 130-141.	7.9	40
53	Heterogeneous Electro-Fenton as "Green" Technology for Pharmaceutical Removal: A Review. Catalysts, 2021, 11, 85.	3.5	40
54	Electrokinetic oxidant soil flushing: A solution for in situ remediation of hydrocarbons polluted soils. Journal of Electroanalytical Chemistry, 2017, 799, 1-8.	3.8	39

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55	Immobilization of laccase of <i>Pycnoporus sanguineus</i> CS43. <i>New Biotechnology</i> , 2017, 39, 141-149.	4.4	38
56	Synthesis and use of efficient adsorbents under the principles of circular economy: Waste valorisation and electroadvanced oxidation process regeneration. <i>Separation and Purification Technology</i> , 2020, 242, 116796.	7.9	38
57	Removal of hexavalent chromium of contaminated soil by coupling electrokinetic remediation and permeable reactive biobarriers. <i>Environmental Science and Pollution Research</i> , 2012, 19, 1800-1808.	5.3	37
58	Assessment of sepiolite as a low-cost adsorbent for phenanthrene and pyrene removal: Kinetic and equilibrium studies. <i>Ecological Engineering</i> , 2014, 70, 287-294.	3.6	37
59	Improvement of dye electrochemical treatment by combination with ultrasound technique. <i>Journal of Chemical Technology and Biotechnology</i> , 2009, 84, 1118-1124.	3.2	36
60	Desorption kinetics of phenanthrene and lead from historically contaminated soil. <i>Chemical Engineering Journal</i> , 2011, 167, 84-90.	12.7	36
61	Effective monitoring of the electro-Fenton degradation of phenolic derivatives by differential pulse voltammetry on multi-walled-carbon nanotubes modified screen-printed carbon electrodes. <i>Applied Catalysis B: Environmental</i> , 2016, 180, 544-550.	20.2	35
62	Heterogeneous Advanced Oxidation Processes: Current Approaches for Wastewater Treatment. <i>Catalysts</i> , 2022, 12, 344.	3.5	35
63	Decolourisation of textile indigo dye by DC electric current. <i>Engineering Geology</i> , 2005, 77, 253-261.	6.3	34
64	Application of electro-Fenton treatment for the elimination of 1-Butyl-3-methylimidazolium triflate from polluted water. <i>Chemical Engineering Journal</i> , 2017, 318, 19-28.	12.7	34
65	Iron-doped cathodes for electro-Fenton implementation: Application for pymetrozine degradation. <i>Electrochimica Acta</i> , 2020, 338, 135768.	5.2	34
66	Optimisation of electrochemical decolourisation process of an azo dye, Methyl Orange. <i>Journal of Chemical Technology and Biotechnology</i> , 2004, 79, 1349-1353.	3.2	33
67	Electrokinetic-Fenton technology for the remediation of hydrocarbons historically polluted sites. <i>Chemosphere</i> , 2016, 156, 347-356.	8.2	33
68	Comprehensive solution for acetamiprid degradation: Combined electro-Fenton and adsorption process. <i>Journal of Electroanalytical Chemistry</i> , 2018, 808, 446-454.	3.8	33
69	Bridging the gap to hydrochar production and its application into frameworks of bioenergy, environmental and biocatalysis areas. <i>Bioresource Technology</i> , 2021, 320, 124399.	9.6	33
70	Electro-Fenton decolourization of dyes in batch mode by the use of catalytic activity of iron loaded hydrogels. <i>Journal of Chemical Technology and Biotechnology</i> , 2014, 89, 1235-1242.	3.2	32
71	Application of a new sandwich of granular activated and fiber carbon as cathode in the electrochemical advanced oxidation treatment of pharmaceutical effluents. <i>Separation and Purification Technology</i> , 2015, 151, 243-250.	7.9	32
72	Coupling electro-Fenton process to a biological treatment, a new methodology for the removal of ionic liquids?. <i>Separation and Purification Technology</i> , 2020, 233, 115990.	7.9	31

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73	Enhanced electrokinetic remediation of polluted kaolinite with an azo dye. <i>Electrochimica Acta</i> , 2007, 52, 3393-3398.	5.2	30
74	Degradation of organic pollutants by heterogeneous electro-Fenton process using Mn-alginate composite. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 1439-1447.	3.2	30
75	Assessment of LED-assisted electro-Fenton reactor for the treatment of winery wastewater. <i>Chemical Engineering Journal</i> , 2017, 310, 399-406.	12.7	30
76	Electrochemical remediation of phenanthrene from contaminated kaolinite. <i>Environmental Geochemistry and Health</i> , 2008, 30, 89-94.	3.4	29
77	Evaluation of Electrokinetic Technique for Industrial Waste Decontamination. <i>Separation Science and Technology</i> , 2009, 44, 2304-2321.	2.5	29
78	Feasibility of Solid-State Fermentation Using Spent Fungus Substrate in the Biodegradation of PAHs. <i>Clean - Soil, Air, Water</i> , 2013, 41, 610-615.	1.1	29
79	Chestnut shells to mitigate pesticide contamination. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 61, 166-173.	5.3	29
80	Evaluation of different cathodes and reaction parameters on the enhancement of the electro-Fenton process. <i>Journal of Electroanalytical Chemistry</i> , 2018, 808, 455-463.	3.8	29
81	Electro-assisted activation of peroxydisulfate by iron-based minerals for the degradation of 1-butyl-1-methylpyrrolidinium chloride. <i>Separation and Purification Technology</i> , 2019, 208, 34-41.	7.9	29
82	Prompt removal of antibiotic by adsorption/electro-Fenton degradation using an iron-doped perlite as heterogeneous catalyst. <i>Chemical Engineering Research and Design</i> , 2020, 144, 100-110.	5.6	29
83	Remediation of phenanthrene from contaminated kaolinite by electroremediation-Fenton technology. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2008, 43, 901-906.	1.7	28
84	Electro-Fenton decolourisation of dyes in an airlift continuous reactor using iron alginate beads. <i>Environmental Science and Pollution Research</i> , 2013, 20, 2252-2261.	5.3	28
85	Soil flushing and simultaneous degradation of organic pollutants in soils by electrokinetic-Fenton treatment. <i>Chemical Engineering Research and Design</i> , 2017, 108, 99-107.	5.6	28
86	Electrodialytic treatment for metal removal from sewage sludge ash from fluidized bed combustion. <i>Journal of Hazardous Materials</i> , 2010, 176, 1073-1078.	12.4	27
87	Comparative efficiencies of the decolourisation of leather dyes by enzymatic and electrochemical treatments. <i>Desalination</i> , 2011, 278, 312-317.	8.2	27
88	Hybrid Technologies for the Remediation of Diesel Fuel Polluted Soil. <i>Chemical Engineering and Technology</i> , 2011, 34, 2077-2082.	1.5	27
89	Heterogeneous electro-Fenton catalyst for 1-butylpyridinium chloride degradation. <i>Environmental Science and Pollution Research</i> , 2019, 26, 3145-3156.	5.3	26
90	Removal of sulfamethoxazole and methylparaben using hydrocolloid and fiber industry wastes: Comparison with biochar and laccase-biocomposite. <i>Journal of Cleaner Production</i> , 2020, 271, 122436.	9.3	26

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91	Removal of Cr(VI) from Aqueous Solutions by a Bacterial Biofilm Supported on Zeolite: Optimisation of the Operational Conditions and Scale-Up of the Bioreactor. <i>Chemical Engineering and Technology</i> , 2010, 33, 2008-2014.	1.5	25
92	Selecting the best piping arrangement for scaling-up an annular channel reactor: An experimental and computational fluid dynamics study. <i>Science of the Total Environment</i> , 2019, 667, 821-832.	8.0	25
93	Removal of organic pollutants and heavy metals in soils by electrokinetic remediation. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2008, 43, 871-875.	1.7	23
94	Preliminary testing and design of permeable bioactive barrier for phenanthrene degradation by <i>Pseudomonas stutzeri</i> CECT 930 immobilized in hydrogel matrices. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 500-506.	3.2	23
95	Electro-Fenton process for implementation of acid black liquor waste treatment. <i>Science of the Total Environment</i> , 2018, 635, 397-404.	8.0	23
96	Heterogeneous electro-Fenton as plausible technology for the degradation of imidazolium-based ionic liquids. <i>Chemosphere</i> , 2018, 199, 68-75.	8.2	23
97	ZnFe ₂ O ₄ -chitosan magnetic beads for the removal of chlordimeform by photo-Fenton process under UVC irradiation. <i>Journal of Environmental Management</i> , 2021, 283, 111987.	7.8	23
98	An effective electroanalytical approach for the monitoring of electroactive dyes and intermediate products formed in electro-Fenton treatment. <i>Journal of Electroanalytical Chemistry</i> , 2018, 808, 403-411.	3.8	22
99	Electromigration of Mn, Fe, Cu and Zn with citric acid in contaminated clay. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2008, 43, 823-831.	1.7	21
100	Influence of operational parameters on electro-Fenton degradation of organic pollutants from soil. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2009, 44, 1104-1110.	1.7	21
101	Isolation of novel benzo[a]anthracene-degrading microorganisms and continuous bioremediation in an expanded-bed bioreactor. <i>Bioprocess and Biosystems Engineering</i> , 2012, 35, 851-855.	3.4	21
102	Greener technology for organic reactive dye degradation in textile dye-contaminated field soil and in situ formation of electroactive species at the anode by electrokinetics. <i>RSC Advances</i> , 2016, 6, 3552-3560.	3.6	21
103	Fenton-based processes for the regeneration of catalytic adsorbents. <i>Catalysis Today</i> , 2018, 313, 122-127.	4.4	21
104	Highly active based iron-carbonaceous cathodes for heterogeneous electro-Fenton process: Application to degradation of parabens. <i>Chemical Engineering Research and Design</i> , 2018, 117, 363-371.	5.6	21
105	Remediation of Dye-Polluted Kaolinite by Combination of Electrokinetic Remediation and Electrochemical Treatment. <i>Environmental Engineering Science</i> , 2008, 25, 419-428.	1.6	20
106	Optimization of photo-Fenton process for the treatment of prednisolone. <i>Environmental Science and Pollution Research</i> , 2018, 25, 27768-27782.	5.3	20
107	Double benefit of electrochemical techniques: Treatment and electroanalysis for remediation of water polluted with organic compounds. <i>Electrochimica Acta</i> , 2019, 320, 134628.	5.2	20
108	Continuous adsorption studies of pharmaceuticals in multicomponent mixtures by agroforestry biochar. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 106977.	6.7	20

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109	“Green technology” Bio-stimulation by an electric field for textile reactive dye contaminated agricultural soil. <i>Science of the Total Environment</i> , 2018, 624, 1649-1657.	8.0	19
110	An approach towards Zero-Waste wastewater technology: Fluoxetine adsorption on biochar and removal by the sulfate radical. <i>Chemosphere</i> , 2021, 268, 129318.	8.2	19
111	Electro-Fenton degradation of a ternary pharmaceutical mixture and its application in the regeneration of spent biochar. <i>Journal of Electroanalytical Chemistry</i> , 2021, 886, 115135.	3.8	19
112	Electro-reversible adsorption as a versatile tool for the removal of diclofenac from wastewater. <i>Chemosphere</i> , 2021, 280, 130778.	8.2	19
113	Optimization of two-chamber photo electro Fenton reactor for the treatment of winery wastewater. <i>Chemical Engineering Research and Design</i> , 2016, 101, 72-79.	5.6	18
114	Elimination of radiocontrast agent diatrizoic acid by photo-Fenton process and enhanced treatment by coupling with electro-Fenton process. <i>Environmental Science and Pollution Research</i> , 2016, 23, 19134-19144.	5.3	17
115	Removal of polyvinylamine sulfonate anthrapyridone dye by application of heterogeneous electro-Fenton process. <i>Environmental Science and Pollution Research</i> , 2017, 24, 18309-18319.	5.3	17
116	Recent Developments in Advanced Oxidation Processes for Organics-Polluted Soil Reclamation. <i>Catalysts</i> , 2022, 12, 64.	3.5	17
117	Coated nickel foam electrode for the implementation of continuous electro-Fenton treatment. <i>Journal of Chemical Technology and Biotechnology</i> , 2016, 91, 685-692.	3.2	15
118	Sustainable Removal of Cr(VI) by Lime Peel and Pineapple Core Wastes. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 1967.	2.5	15
119	New approaches on the agrochemicals degradation by UV oxidation processes. <i>Chemical Engineering Journal</i> , 2019, 376, 120026.	12.7	15
120	Applicability of <i>Coriopsis rigida</i> for Biodegradation of Polycyclic Aromatic Hydrocarbons. <i>Biotechnology Letters</i> , 2006, 28, 1013-1017.	2.2	14
121	Environmental application of monolithic carbonaceous aerogels for the removal of emerging pollutants. <i>Chemosphere</i> , 2020, 248, 125995.	8.2	14
122	Towards a more realistic heterogeneous electro-Fenton. <i>Journal of Electroanalytical Chemistry</i> , 2021, 895, 115475.	3.8	14
123	Ultraviolet-based heterogeneous advanced oxidation processes as technologies to remove pharmaceuticals from wastewater: An overview. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107630.	6.7	14
124	Assessment of <i>Arthrobacter viscosus</i> as reactive medium for forming permeable reactive biobarrier applied to PAHs remediation. <i>Environmental Science and Pollution Research</i> , 2013, 20, 7348-7354.	5.3	13
125	Electrokinetic remediation: challenging and optimization of electrolyte for sulfate removal in textile effluent-contaminated farming soil. <i>RSC Advances</i> , 2015, 5, 81052-81058.	3.6	13
126	Electroanalytical techniques applied to monitoring the electro-Fenton degradation of aromatic imidazolium-based ionic liquids. <i>Journal of Applied Electrochemistry</i> , 2018, 48, 1331-1341.	2.9	12

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127	Synthesis of magnetic-photo-Fenton catalyst for degradation of emerging pollutant. <i>Catalysis Today</i> , 2019, 328, 267-273.	4.4	12
128	Eco-approach for pharmaceutical removal: Thermochemical waste valorisation, biochar adsorption and electro-assisted regeneration. <i>Electrochimica Acta</i> , 2021, 389, 138694.	5.2	12
129	Preparation and characterization of high performance hydrochar for efficient adsorption of drugs mixture. <i>Journal of Molecular Liquids</i> , 2022, 353, 118797.	4.9	12
130	Application of Electro-Fenton Technology to Remediation of Polluted Effluents by Self-Sustaining Process. <i>Scientific World Journal</i> , The, 2014, 2014, 1-8.	2.1	11
131	Exploring the use of carbon materials as cathodes in electrochemical advanced oxidation processes for the degradation of antibiotics. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 107506.	6.7	11
132	Enhanced production of laccase in <i>Coriopsis rigida</i> grown on barley bran in flask or expanded-bed bioreactor. <i>World Journal of Microbiology and Biotechnology</i> , 2007, 23, 1189-1194.	3.6	10
133	Removal of metal and organic pollutants from wastewater by a sequential selective technique. <i>Bioresource Technology</i> , 2016, 213, 2-10.	9.6	10
134	Solid-State Fermentation for Food Applications. , 2018, , 319-355.		10
135	Prospects on integrated electrokinetic systems for decontamination of soil polluted with organic contaminants. <i>Current Opinion in Electrochemistry</i> , 2021, 27, 100692.	4.8	10
136	Enhanced decolourisation ability of laccase towards various synthetic dyes by an electrocatalysis technology. <i>Biotechnology Letters</i> , 2003, 25, 603-606.	2.2	8
137	Integrated approach of chemical and electro dialysis process in textile effluent contaminated groundwater for irrigation. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 3190-3200.	6.7	8
138	Sequential two-column electro-Fenton-photolytic reactor for the treatment of winery wastewater. <i>Environmental Science and Pollution Research</i> , 2017, 24, 1137-1151.	5.3	8
139	Sulfate Radicals-Based Technology as a Promising Strategy for Wastewater. <i>Water (Switzerland)</i> , 2019, 11, 1695.	2.7	8
140	Differential pulse voltammetry as a powerful tool to monitor the electro-Fenton process. <i>Electrochimica Acta</i> , 2020, 354, 136740.	5.2	8
141	Production of modified sunflowers seed shells for the removal of bisphenol A. <i>RSC Advances</i> , 2021, 11, 3516-3533.	3.6	8
142	Exploring the pressurized heterogeneous electro-Fenton process and modelling the system. <i>Chemical Engineering Journal</i> , 2022, 431, 133280.	12.7	8
143	Ultrasonic processes for the advanced remediation of contaminated sediments. <i>Ultrasonics Sonochemistry</i> , 2020, 67, 105171.	8.2	7
144	Life Cycle and Economic Analyses of the Removal of Pesticides and Pharmaceuticals from Municipal Wastewater by Anodic Oxidation. <i>Sustainability</i> , 2021, 13, 3669.	3.2	7

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145	Heterogeneous Electro-Fenton-like Designs for the Disposal of 2-Phenylphenol from Water. Applied Sciences (Switzerland), 2021, 11, 12103.	2.5	7
146	Bifunctional floating catalyst for enhancing the synergistic effect of LED-photolysis and electro-Fenton process. Separation and Purification Technology, 2020, 230, 115880.	7.9	6
147	Scale-up of removal process using a remediating-bacterium isolated from marine coastal sediment. RSC Advances, 2015, 5, 36665-36672.	3.6	5
148	Towards sustainable removal of methylthionium chloride by using adsorption-electroradical regeneration. Chemosphere, 2018, 210, 476-485.	8.2	5
149	Sustainable regeneration of a honeycomb carbon aerogel used as a high-capacity adsorbent for Fluoxetine removal. Journal of Molecular Liquids, 2022, 357, 119079.	4.9	5
150	Peroxymonosulphate Activation by Basolite® F-300 for Escherichia coli Disinfection and Antipyrine Degradation. International Journal of Environmental Research and Public Health, 2022, 19, 6852.	2.6	5
151	Equilibrium Study, Modeling and Optimization of Model Drug Adsorption Process by Sunflower Seed Shells. Applied Sciences (Switzerland), 2020, 10, 3271.	2.5	4
152	Pre-concentration by natural adsorbent as plausible tool for effective electro-Fenton removal of micropollutants. Separation and Purification Technology, 2020, 241, 116676.	7.9	4
153	Iron-Loaded Catalytic Silicate Adsorbents: Synthesis, Characterization, Electroregeneration and Application for Continuous Removal of 1-Butylpyridinium Chloride. Catalysts, 2020, 10, 950.	3.5	2
154	Electrokinetic Remediation and Hybrid Technologies for the Treatment of Organic Pollutants. , 2016, , 1-20.		1
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