Marta Pazos

List of Publications by Year
in descending order

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160	5,961	61857	106150
papers	citations	43 h-index	65 g-index

162	162	162	5179
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Current advances and trends in electro-Fenton process using heterogeneous catalysts â€“ A review. Chemosphere, 2018, 201, 399-416.	4.2	270
2	Challenges and recent advances in biochar as low-cost biosorbent: From batch assays to continuous-flow systems. Bioresource Technology, 2017, 246, 176-192.	4.8	192
3	Decontamination of soils containing PAHs by electroremediation: A review. Journal of Hazardous Materials, 2010, 177, 1-11.	6.5	184
4	Electro-Fenton decoloration of dyes in a continuous reactor: A promising technology in colored wastewater treatment. Chemical Engineering Journal, 2009, 155, 62-67.	6.6	147
5	Electrochemical decolourisation of structurally different dyes. Chemosphere, 2004, 57, 233-239.	4.2	135
6	Decolourisation of dyes under electro-Fenton process using Fe alginate gel beads. Journal of Hazardous Materials, 2012, 213-214, 369-377.	6.5	122
7	Electrokinetic remediation of lead and phenanthrene polluted soils. Geoderma, 2012, 173-174, 128-133.	2.3	108
8	Advances in the Electroâ€Fenton Process for Remediation of Recalcitrant Organic Compounds. Chemical Engineering and Technology, 2012, 35, 609-617.	0.9	100
9	Electro-Fenton oxidation of imidacloprid by Fe alginate gel beads. Applied Catalysis B: Environmental, 2014, 144, 416-424.	10.8	99
10	Combined treatment of PAHs contaminated soils using the sequence extraction with surfactantâ€“electrochemical degradation. Chemosphere, 2008, 70, 1438-1444.	4.2	93
11	PAHs soil decontamination in two steps: Desorption and electrochemical treatment. Journal of Hazardous Materials, 2009, 166, 462-468.	6.5	86
12	Homogeneous and heterogeneous peroxymonosulfate activation by transition metals for the degradation of industrial leather dye. Journal of Cleaner Production, 2019, 228, 222-230.	4.6	82
13	Bacterialâ€“fungal interactions enhance power generation in microbial fuel cells and drive dye decolourisation by an ex situ and in situ electro-Fenton process. Bioresource Technology, 2013, 148, 39-46.	4.8	81
14	Improvement in electrokinetic remediation of heavy metal spiked kaolin with the polarity exchange technique. Chemosphere, 2006, 62, 817-822.	4.2	79
15	Grapefruit peelings as a promising biosorbent for the removal of leather dyes and hexavalent chromium. Chemical Engineering Research and Design, 2016, 101, 61-71.	2.7	71
16	Removal of PAHs and pesticides from polluted soils by enhanced electrokinetic-Fenton treatment. Chemosphere, 2015, 125, 168-174.	4.2	70
17	Application of zeolite-Arthrobacter viscosus system for the removal of heavy metal and dye: Chromium and Azure B. Desalination, 2012, 284, 150-156.	4.0	69
18	Application of central composite face-centered design and response surface methodology for the optimization of electro-Fenton decolorization of Azure B dye. Environmental Science and Pollution Research, 2012, 19, 1738-1746.	2.7	68

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19	The impact of electrokinetic treatment on a loamy-sand soil properties. Chemical Engineering Journal, 2012, 183, 231-237.	6.6	66
20	Remediation of contaminated marine sediment using electrokineticâ€“Fenton technology. Journal of Industrial and Engineering Chemistry, 2013, 19, 932-937.	2.9	66
21	p-Nitrophenol degradation by electro-Fenton process: Pathway, kinetic model and optimization using central composite design. Chemosphere, 2017, 185, 726-736.	4.2	65
22	Degradation of thiamethoxam by the synergetic effect between anodic oxidation and Fenton reactions. Journal of Hazardous Materials, 2016, 319, 43-50.	6.5	64
23	Chestnut shell and barley bran as potential substrates for laccase production by Coriolopsis rigida under solid-state conditions. Journal of Food Engineering, 2005, 68, 315-319.	2.7	63
24	Electrokinetic remediation of PAH mixtures from kaolin. Journal of Hazardous Materials, 2010, 179, 1156-1160.	6.5	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. Journal of Hazardous Materials, 2010, 173, 794-798.	6.5	63
26	Antibiotic contaminated water treated by photo driven advanced oxidation processes: Ultraviolet/H2O2 vs ultraviolet/peracetic acid. Journal of Cleaner Production, 2018, 205, 67-75.	4.6	63
27	Heterogeneous electro-Fenton treatment: preparation, characterization and performance in groundwater pesticide removal. Journal of Industrial and Engineering Chemistry, 2015, 27, 276-282.	2.9	62
28	Heterogeneous electro-Fenton using natural pyrite as solid catalyst for oxidative degradation of vanillic acid. Journal of Electroanalytical Chemistry, 2017, 797, 69-77.	1.9	62
29	New approaches on heterogeneous electro-Fenton treatment of winery wastewater. Electrochimica Acta, 2015, 169, 134-141.	2.6	60
30	Selection of an electrolyte to enhance the electrochemical decolourisation of indigo. Optimisation and scale-up. Chemosphere, 2005, 60, 1080-1086.	4.2	59
31	Development of an electrochemical cell for the removal of Reactive Black 5. Desalination, 2011, 274, 39-43.	4.0	58
32	A step forward in heterogeneous photocatalysis: Process intensification by using a static mixer as catalyst support. Chemical Engineering Journal, 2018, 343, 597-606.	6.6	57
33	Effective heterogeneous electro-Fenton process of m-cresol with iron loaded actived carbon. RSC Advances, 2015, 5, 31049-31056.	1.7	56
34	Boxâ€“Behnken methodology for Cr (VI) and leather dyes removal by an eco-friendly biosorbent: F. vesiculosus. Bioresource Technology, 2014, 160, 166-174.	4.8	55
35	Improving on electrokinetic remediation in spiked Mn kaolinite by addition of complexing agents. Electrochimica Acta, 2007, 52, 3349-3354.	2.6	52
36	Application of benthonic microbial fuel cells and electro-Fenton process to dye decolourisation. Journal of Industrial and Engineering Chemistry, 2014, 20, 3754-3760.	2.9	52

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37	Bacillus thuringiensis a promising bacterium for degrading emerging pollutants. Chemical Engineering Research and Design, 2016, 101, 19-26.	2.7	51
38	Development of permeable reactive biobarrier for the removal of PAHs by Trichoderma longibrachiatum. Chemosphere, 2013, 91, 711-716.	4.2	50
39	Soil washing using cyclodextrins and their recovery by application of electrochemical technology. Chemical Engineering Journal, 2010, 159, 53-57.	6.6	49
40	Enhanced selective metal adsorption on optimised agroforestry waste mixtures. Bioresource Technology, 2015, 182, 41-49.	4.8	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.	2.7	47
42	Technosols as a novel valorization strategy for an ecological management of dredged marine sediments. Ecological Engineering, 2014, 67, 182-189.	1.6	46
43	Kaolinite adsorption-regeneration system for dyestuff treatment by Fenton based processes. Science of the Total Environment, 2018, 622-623, 556-562.	3.9	46
44	A two-stage process using electrokinetic remediation and electrochemical degradation for treating benzo[a]pyrene spiked kaolin. Chemosphere, 2009, 74, 1516-1521.	4.2	45
45	Nickel foam a suitable alternative to increase the generation of Fenton's reagents. Chemical Engineering Research and Design, 2016, 101, 34-44.	2.7	45
46	Unravelling the Environmental Application of Biochar as Low-Cost Biosorbent: A Review. Applied Sciences (Switzerland), 2020, 10, 7810.	1.3	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.	1.7	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.	1.8	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.	2.7	41
50	Electrokinetic remediation of inorganic and organic pollutants in textile effluent contaminated agricultural soil. Chemosphere, 2014, 117, 673-678.	4.2	40
51	Electro-Fenton treatment of imidazolium-based ionic liquids: kinetics and degradation pathways. RSC Advances, 2016, 6, 1958-1965.	1.7	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.	3.9	40
53	Heterogeneous Electro-Fenton as â€œGreenâ€•Technology for Pharmaceutical Removal: A Review. Catalysts, 2021, 11, 85.	1.6	40
54	Electrokinetic oxidant soil flushing: A solution for in situ remediation of hydrocarbons polluted soils. Journal of Electroanalytical Chemistry, 2017, 799, 1-8.	1.9	39

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55	Immobilization of laccase of Pycnoporus sanguineus CS43. New Biotechnology, 2017, 39, 141-149.	2.4	38
56	Synthesis and use of efficient adsorbents under the principles of circular economy: Waste valorisation and electroadvanced oxidation process regeneration. Separation and Purification Technology, 2020, 242, 116796.	3.9	38
57	Removal of hexavalent chromium of contaminated soil by coupling electrokinetic remediation and permeable reactive biobarriers. Environmental Science and Pollution Research, 2012, 19, 1800-1808.	2.7	37
58	Assessment of sepiolite as a low-cost adsorbent for phenanthrene and pyrene removal: Kinetic and equilibrium studies. Ecological Engineering, 2014, 70, 287-294.	1.6	37
59	Improvement of dye electrochemical treatment by combination with ultrasound technique. Journal of Chemical Technology and Biotechnology, 2009, 84, 1118-1124.	1.6	36
60	Desorption kinetics of phenanthrene and lead from historically contaminated soil. Chemical Engineering Journal, 2011, 167, 84-90.	6.6	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. Applied Catalysis B: Environmental, 2016, 180, 544-550.	10.8	35
62	Heterogeneous Advanced Oxidation Processes: Current Approaches for Wastewater Treatment. Catalysts, 2022, 12, 344.	1.6	35
63	Decolourisation of textile indigo dye by DC electric current. Engineering Geology, 2005, 77, 253-261.	2.9	34
64	Application of electro-Fenton treatment for the elimination of 1-Butyl-3-methylimidazolium triflate from polluted water. Chemical Engineering Journal, 2017, 318, 19-28.	6.6	34
65	Iron-doped cathodes for electro-Fenton implementation: Application for pymetrozine degradation. Electrochimica Acta, 2020, 338, 135768.	2.6	34
66	Optimisation of electrochemical decolourisation process of an azo dye, Methyl Orange. Journal of Chemical Technology and Biotechnology, 2004, 79, 1349-1353.	1.6	33
67	Electrokinetic-Fenton technology for the remediation of hydrocarbons historically polluted sites. Chemosphere, 2016, 156, 347-356.	4.2	33
68	Comprehensive solution for acetamiprid degradation: Combined electro-Fenton and adsorption process. Journal of Electroanalytical Chemistry, 2018, 808, 446-454.	1.9	33
69	Bridging the gap to hydrochar production and its application into frameworks of bioenergy, environmental and biocatalysis areas. Bioresource Technology, 2021, 320, 124399.	4.8	33
70	Electroâ€Fenton decolourization of dyes in batch mode by the use of catalytic activity of iron loaded hydrogels. Journal of Chemical Technology and Biotechnology, 2014, 89, 1235-1242.	1.6	32
71	Application of a new sandwich of granular activated and fiber carbon as cathode in the electrochemical advanced oxidation treatment of pharmaceutical effluents. Separation and Purification Technology, 2015, 151, 243-250.	3.9	32
72	Coupling electro-Fenton process to a biological treatment, a new methodology for the removal of ionic liquids?. Separation and Purification Technology, 2020, 233, 115990.	3.9	31

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73	Enhanced electrokinetic remediation of polluted kaolinite with an azo dye. Electrochimica Acta, 2007, 52, 3393-3398.	2.6	30
74	Degradation of organic pollutants by heterogeneous electro-Fenton process using Mn-alginate composite. Journal of Chemical Technology and Biotechnology, 2015, 90, 1439-1447.	1.6	30
75	Assessment of LED-assisted electro-Fenton reactor for the treatment of winery wastewater. Chemical Engineering Journal, 2017, 310, 399-406.	6.6	30
76	Electrochemical remediation of phenanthrene from contaminated kaolinite. Environmental Geochemistry and Health, 2008, 30, 89-94.	1.8	29
77	Evaluation of Electrokinetic Technique for Industrial Waste Decontamination. Separation Science and Technology, 2009, 44, 2304-2321.	1.3	29
78	Feasibility of Solidâ€€State Fermentation Using Spent Fungiâ€€Substrate in the Biodegradation of PAHs. Clean - Soil, Air, Water, 2013, 41, 610-615.	0.7	29
79	Chestnut shells to mitigate pesticide contamination. Journal of the Taiwan Institute of Chemical Engineers, 2016, 61, 166-173.	2.7	29
80	Evaluation of different cathodes and reaction parameters on the enhancement of the electro-Fenton process. Journal of Electroanalytical Chemistry, 2018, 808, 455-463.	1.9	29
81	Electro-assisted activation of peroxymonosulfate by iron-based minerals for the degradation of 1-butyl-1-methylpyrrolidinium chloride. Separation and Purification Technology, 2019, 208, 34-41.	3.9	29
82	Prompt removal of antibiotic by adsorption/electro-Fenton degradation using an iron-doped perlite as heterogeneous catalyst. Chemical Engineering Research and Design, 2020, 144, 100-110.	2.7	29
83	Remediation of phenanthrene from contaminated kaolinite by electroremediation-Fenton technology. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 901-906.	0.9	28
84	Electro-Fenton decolourisation of dyes in an airlift continuous reactor using iron alginate beads. Environmental Science and Pollution Research, 2013, 20, 2252-2261.	2.7	28
85	Soil flushing and simultaneous degradation of organic pollutants in soils by electrokinetic-Fenton treatment. Chemical Engineering Research and Design, 2017, 108, 99-107.	2.7	28
86	Electrodialytic treatment for metal removal from sewage sludge ash from fluidized bed combustion. Journal of Hazardous Materials, 2010, 176, 1073-1078.	6.5	27
87	Comparative efficiencies of the decolourisation of leather dyes by enzymatic and electrochemical treatments. Desalination, 2011, 278, 312-317.	4.0	27
88	Hybrid Technologies for the Remediation of Diesel Fuel Polluted Soil. Chemical Engineering and Technology, 2011, 34, 2077-2082.	0.9	27
89	Heterogeneous electro-Fenton catalyst for 1-butylpyridinium chloride degradation. Environmental Science and Pollution Research, 2019, 26, 3145-3156.	2.7	26
90	Removal of sulfamethoxazole and methylparaben using hydrocolloid and fiber industry wastes: Comparison with biochar and laccase-biocomposite. Journal of Cleaner Production, 2020, 271, 122436.	4.6	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 Scaleâ€Up of the Bioreactor. Chemical Engineering and Technology, 2010, 33, 2008-2014.	0.9	25
92	Selecting the best piping arrangement for scaling-up an annular channel reactor: An experimental and computational fluid dynamics study. Science of the Total Environment, 2019, 667, 821-832.	3.9	25
93	Removal of organic pollutants and heavy metals in soils by electrokinetic remediation. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 871-875.	0.9	23
94	Preliminary testing and design of permeable bioreactive barrier for phenanthrene degradation by Pseudomonas stutzeri<scp>CECT</scp> 930 immobilized in hydrogel matrices. Journal of Chemical Technology and Biotechnology, 2015, 90, 500-506.	1.6	23
95	Electro-Fenton process for implementation of acid black liquor waste treatment. Science of the Total Environment, 2018, 635, 397-404.	3.9	23
96	Heterogeneous electro-Fenton as plausible technology for the degradation of imidazolinium-based ionic liquids. Chemosphere, 2018, 199, 68-75.	4.2	23
97	ZnFe2O4-chitosan magnetic beads for the removal of chlordimeform by photo-Fenton process under UVC irradiation. Journal of Environmental Management, 2021, 283, 111987.	3.8	23
98	An effective electroanalytical approach for the monitoring of electroactive dyes and intermediate products formed in electro-Fenton treatment. Journal of Electroanalytical Chemistry, 2018, 808, 403-411.	1.9	22
99	Electromigration of Mn, Fe, Cu and Zn with citric acid in contaminated clay. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 823-831.	0.9	21
100	Influence of operational parameters on electro-Fenton degradation of organic pollutants from soil. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2009, 44, 1104-1110.	0.9	21
101	Isolation of novel benzo[a]anthracene-degrading microorganisms and continuous bioremediation in an expanded-bed bioreactor. Bioprocess and Biosystems Engineering, 2012, 35, 851-855.	1.7	21
102	Greener technology for organic reactive dye degradation in textile dye-contaminated field soil and in situ formation of â€œelectroactive speciesâ€•at the anode by electrokinetics. RSC Advances, 2016, 6, 3552-3560.	1.7	21
103	Fenton-based processes for the regeneration of catalytic adsorbents. Catalysis Today, 2018, 313, 122-127.	2.2	21
104	Highly active based iron-carbonaceous cathodes for heterogeneous electro-Fenton process: Application to degradation of parabens. Chemical Engineering Research and Design, 2018, 117, 363-371.	2.7	21
105	Remediation of Dye-Polluted Kaolinite by Combination of Electrokinetic Remediation and Electrochemical Treatment. Environmental Engineering Science, 2008, 25, 419-428.	0.8	20
106	Optimization of photo-Fenton process for the treatment of prednisolone. Environmental Science and Pollution Research, 2018, 25, 27768-27782.	2.7	20
107	Double benefit of electrochemical techniques: Treatment and electroanalysis for remediation of water polluted with organic compounds. Electrochimica Acta, 2019, 320, 134628.	2.6	20
108	Continuous adsorption studies of pharmaceuticals in multicomponent mixtures by agroforestry biochar. Journal of Environmental Chemical Engineering, 2022, 10, 106977.	3.3	20

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109	â€œGreen technologyâ€: Bio-stimulation by an electric field for textile reactive dye contaminated agricultural soil. Science of the Total Environment, 2018, 624, 1649-1657.	3.9	19
110	An approach towards Zero-Waste wastewater technology: Fluoxetine adsorption on biochar and removal by the sulfate radical. Chemosphere, 2021, 268, 129318.	4.2	19
111	Electro-Fenton degradation of a ternary pharmaceutical mixture and its application in the regeneration of spent biochar. Journal of Electroanalytical Chemistry, 2021, 886, 115135.	1.9	19
112	Electro-reversible adsorption as a versatile tool for the removal of diclofenac from wastewater. Chemosphere, 2021, 280, 130778.	4.2	19
113	Optimization of two-chamber photo electro Fenton reactor for the treatment of winery wastewater. Chemical Engineering Research and Design, 2016, 101, 72-79.	2.7	18
114	Elimination of radiocontrast agent diatrizoic acid by photo-Fenton process and enhanced treatment by coupling with electro-Fenton process. Environmental Science and Pollution Research, 2016, 23, 19134-19144.	2.7	17
115	Removal of polyvinylamine sulfonate anthrapyridone dye by application of heterogeneous electro-Fenton process. Environmental Science and Pollution Research, 2017, 24, 18309-18319.	2.7	17
116	Recent Developments in Advanced Oxidation Processes for Organics-Polluted Soil Reclamation. Catalysts, 2022, 12, 64.	1.6	17
117	Coated nickel foam electrode for the implementation of continuous electroâ€Fenton treatment. Journal of Chemical Technology and Biotechnology, 2016, 91, 685-692.	1.6	15
118	Sustainable Removal of Cr(VI) by Lime Peel and Pineapple Core Wastes. Applied Sciences (Switzerland), 2019, 9, 1967.	1.3	15
119	New approaches on the agrochemicals degradation by UV oxidation processes. Chemical Engineering Journal, 2019, 376, 120026.	6.6	15
120	Applicability of Coriolopsis rigida for Biodegradation of Polycyclic Aromatic Hydrocarbons. Biotechnology Letters, 2006, 28, 1013-1017.	1.1	14
121	Environmental application of monolithic carbonaceous aerogels for the removal of emerging pollutants. Chemosphere, 2020, 248, 125995.	4.2	14
122	Towards a more realistic heterogeneous electro-Fenton. Journal of Electroanalytical Chemistry, 2021, 895, 115475.	1.9	14
123	Ultraviolet-based heterogeneous advanced oxidation processes as technologies to remove pharmaceuticals from wastewater: An overview. Journal of Environmental Chemical Engineering, 2022, 10, 107630.	3.3	14
124	Assessment of Arthrobacter viscosus as reactive medium for forming permeable reactive biobarrier applied to PAHs remediation. Environmental Science and Pollution Research, 2013, 20, 7348-7354.	2.7	13
125	Electrokinetic remediation: challenging and optimization of electrolyte for sulfate removal in textile effluent-contaminated farming soil. RSC Advances, 2015, 5, 81052-81058.	1.7	13
126	Electroanalytical techniques applied to monitoring the electro-Fenton degradation of aromatic imidazolium-based ionic liquids. Journal of Applied Electrochemistry, 2018, 48, 1331-1341.	1.5	12

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127	Synthesis of magnetic-photo-Fenton catalyst for degradation of emerging pollutant. Catalysis Today, 2019, 328, 267-273.	2.2	12
128	Eco-approach for pharmaceutical removal: Thermochemical waste valorisation, biochar adsorption and electro-assisted regeneration. Electrochimica Acta, 2021, 389, 138694.	2.6	12
129	Preparation and characterization of high performance hydrochar for efficient adsorption of drugs mixture. Journal of Molecular Liquids, 2022, 353, 118797.	2.3	12
130	Application of Electro-Fenton Technology to Remediation of Polluted Effluents by Self-Sustaining Process. Scientific World Journal, The, 2014, 2014, 1-8.	0.8	11
131	Exploring the use of carbon materials as cathodes in electrochemical advanced oxidation processes for the degradation of antibiotics. Journal of Environmental Chemical Engineering, 2022, 10, 107506.	3.3	11
132	Enhanced production of laccase in Coriolopsis rigida grown on barley bran in flask or expanded-bed bioreactor. World Journal of Microbiology and Biotechnology, 2007, 23, 1189-1194.	1.7	10
133	Removal of metal and organic pollutants from wastewater by a sequential selective technique. Bioresource Technology, 2016, 213, 2-10.	4.8	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. Current Opinion in Electrochemistry, 2021, 27, 100692.	2.5	10
136	Enhanced decolourisation ability of laccase towards various synthetic dyes by an electrocatalysis technology. Biotechnology Letters, 2003, 25, 603-606.	1.1	8
137	Integrated approach of chemical and electrodialysis process in textile effluent contaminated groundwater for irrigation. Journal of Environmental Chemical Engineering, 2017, 5, 3190-3200.	3.3	8
138	Sequential two-column electro-Fenton-photolytic reactor for the treatment of winery wastewater. Environmental Science and Pollution Research, 2017, 24, 1137-1151.	2.7	8
139	Sulfate Radicals-Based Technology as a Promising Strategy for Wastewater. Water (Switzerland), 2019, 11, 1695.	1.2	8
140	Differential pulse voltammetry as a powerful tool to monitor the electro-Fenton process. Electrochimica Acta, 2020, 354, 136740.	2.6	8
141	Production of modified sunflowers seed shells for the removal of bisphenol A. RSC Advances, 2021, 11, 3516-3533.	1.7	8
142	Exploring the pressurized heterogeneous electro-Fenton process and modelling the system. Chemical Engineering Journal, 2022, 431, 133280.	6.6	8
143	Ultrasonic processes for the advanced remediation of contaminated sediments. Ultrasonics Sonochemistry, 2020, 67, 105171.	3.8	7
144	Life Cycle and Economic Analyses of the Removal of Pesticides and Pharmaceuticals from Municipal Wastewater by Anodic Oxidation. Sustainability, 2021, 13, 3669.	1.6	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.	1.3	7
146	Bifunctional floating catalyst for enhancing the synergistic effect of LED-photolysis and electro-Fenton process. Separation and Purification Technology, 2020, 230, 115880.	3.9	6
147	Scale-up of removal process using a remediating-bacterium isolated from marine coastal sediment. RSC Advances, 2015, 5, 36665-36672.	1.7	5
148	Towards sustainable removal of methylthioninium chloride by using adsorption-electroradical regeneration. Chemosphere, 2018, 210, 476-485.	4.2	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.	2.3	5
150	Peroxymonosulphate Activation by BasoliteÂ® F-300 for Escherichia coli Disinfection and Antipyrine Degradation. International Journal of Environmental Research and Public Health, 2022, 19, 6852.	1.2	5
151	Equilibrium Study, Modeling and Optimization of Model Drug Adsorption Process by Sunflower Seed Shells. Applied Sciences (Switzerland), 2020, 10, 3271.	1.3	4
152	Pre-concentration by natural adsorbent as plausible tool for effective electro-Fenton removal of micropollutants. Separation and Purification Technology, 2020, 241, 116676.	3.9	4
153	Iron-Loaded Catalytic Silicate Adsorbents: Synthesis, Characterization, Electroregeneration and Application for Continuous Removal of 1-Butylpyridinium Chloride. Catalysts, 2020, 10, 950.	1.6	2
154	Electrokinetic Remediation and Hybrid Technologies for the Treatment of Organic Pollutants. , 2016, , 1-20.		1
155	Sulfate Radicals-Based Technology as a Promising Strategy for Wastewater Management. Advances in Science, Technology and Innovation, 2020, , 113-115.	0.2	1
156	Fenton Processes for Remediation of Polluted Soils. Environmental Pollution, 2021, , 167-197.	0.4	0
157	FROM LAB TO LARGE SCALE: APPLICATION OF COLLABORATIVE MODELING TOOLS IN THE SUBJECT CHEMICAL TECHNOLOGY. , 2018, , .		0
158	Performance of Electro-Fenton Water Treatment Technology in Decreasing Zebrafish Embryotoxicity Elicited by a Mixture of Organic Contaminants. Advances in Science, Technology and Innovation, 2020, , 243-246.	0.2	0
159	Fluoxetine and Pirimicarb Abatement by Ecofriendly Electro-Fenton Process. Advances in Science, Technology and Innovation, 2020, , 117-120.	0.2	0
160	Methodology for decentralized analysis: detection, quantification and in situ monitoring of pharmaceutical formulations removal by electro-Fenton. Journal of Electroanalytical Chemistry, 2022, , 116139.	1.9	0