

Treatment of landfill leachate by the Fenton process

Water Research

40, 3683-3694

DOI: [10.1016/j.watres.2006.08.009](https://doi.org/10.1016/j.watres.2006.08.009)

Citation Report

#	ARTICLE	IF	CITATIONS
2	Physical and oxidative removal of organics during Fenton treatment of mature municipal landfill leachate. <i>Journal of Hazardous Materials</i> , 2007, 146, 334-340.	6.5	174
3	Combining Anaerobic Degradation and Chemical Precipitation for the Treatment of High Strength, Strong Nitrogenous Landfill Leachate. <i>Clean - Soil, Air, Water</i> , 2008, 36, 887-892.	0.7	12
4	Photo-Fenton process as an efficient alternative to the treatment of landfill leachates. <i>Journal of Hazardous Materials</i> , 2008, 153, 834-842.	6.5	173
5	Experimental Design to Optimize the Oxidation of Orange II Dye Solution Using a Clay-based Fenton-like Catalyst. <i>Industrial & Engineering Chemistry Research</i> , 2008, 47, 284-294.	1.8	118
6	Degradation of microcystin-LR by ozone in the presence of Fenton reagent. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2008, 43, 186-190.	0.9	20
7	Treatment of Landfill Leachate by SCWO Process. , 2008, , .		0
8	Evaluating the photo-catalytic application of Fenton's reagent augmented with TiO ₂ and ZnO for the mineralization of an oil-water emulsion. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2009, 44, 488-493.	0.9	30
9	Combination of Ozonation and the Fenton Processes for Landfill Leachate Treatment: Evaluation of Treatment Efficiency. <i>Ozone: Science and Engineering</i> , 2009, 31, 28-36.	1.4	37
10	Advanced Oxidation Processes (AOPs) for reduction of organic pollutants in landfill leachate: a review. <i>International Journal of Environment and Waste Management</i> , 2009, 4, 366.	0.2	53
11	Optimizing the treatment of landfill leachate by conventional Fenton and photo-Fenton processes. <i>Science of the Total Environment</i> , 2009, 407, 3473-3481.	3.9	281
12	PAEs and BPA removal in landfill leachate with Fenton process and its relationship with leachate DOM composition. <i>Science of the Total Environment</i> , 2009, 407, 4928-4933.	3.9	90
13	Electro-Fenton, hydrogenotrophic and Fe ²⁺ ions mediated TOC and nitrate removal from aquaculture system: Different experimental strategies. <i>Bioresource Technology</i> , 2009, 100, 2189-2197.	4.8	45
14	Decolorization of an azo dye Orange G in aqueous solution by Fenton oxidation process: Effect of system parameters and kinetic study. <i>Journal of Hazardous Materials</i> , 2009, 161, 1052-1057.	6.5	281
15	Multivariate approach to the Fenton process for the treatment of landfill leachate. <i>Journal of Hazardous Materials</i> , 2009, 161, 1306-1312.	6.5	90
16	Comparison of different treatment strategies for industrial landfill leachate. <i>Journal of Hazardous Materials</i> , 2009, 162, 1446-1456.	6.5	157
17	Utilization of landfill leachate parameters for pretreatment by Fenton reaction and struvite precipitation—A comparative study. <i>Journal of Hazardous Materials</i> , 2009, 166, 248-254.	6.5	74
18	Microwave enhanced Fenton-like process for the treatment of high concentration pharmaceutical wastewater. <i>Journal of Hazardous Materials</i> , 2009, 168, 238-245.	6.5	123
19	Advanced treatment of landfill leachate by a new combination process in a full-scale plant. <i>Journal of Hazardous Materials</i> , 2009, 172, 408-415.	6.5	121

#	ARTICLE	IF	CITATIONS
20	Evaluation of the toxic and genotoxic potential of landfill leachates using bioassays. <i>Environmental Toxicology and Pharmacology</i> , 2009, 28, 288-293.	2.0	70
21	Oxone/Co ²⁺ oxidation as an advanced oxidation process: Comparison with traditional Fenton oxidation for treatment of landfill leachate. <i>Water Research</i> , 2009, 43, 4363-4369.	5.3	156
22	Chemical Oxidative Degradation of Acridine Orange Dye in Aqueous Solution by Fenton's Reagent. <i>Journal of the Chinese Chemical Society</i> , 2009, 56, 1147-1155.	0.8	27
23	Procédés d'oxydation avancée dans le traitement des eaux et des effluents industriels: Application à la dégradation des polluants réfractaires. <i>Revue Des Sciences De L'Eau</i> , 0, 22, 535-564.	0.2	52
24	Oxidative Pretreatment of Fresh and Mature Landfill Leachate. <i>Journal of Advanced Oxidation Technologies</i> , 2009, 12, .	0.5	1
25	Improved Pretreatment (Coagulation-Flotation and Ozonation) of Younger Landfill Leachate by Microbubbles. <i>Water Environment Research</i> , 2010, 82, 657-665.	1.3	19
26	Pretreatment of landfill leachate by chemical oxidation processes. <i>Chemical Papers</i> , 2010, 64, .	1.0	24
27	Modeling physical and oxidative removal properties of Fenton process for treatment of landfill leachate using response surface methodology (RSM). <i>Journal of Hazardous Materials</i> , 2010, 180, 456-465.	6.5	106
28	Oxidation of 2,6-dimethylaniline by the fluidized-bed Fenton process. <i>Reaction Kinetics, Mechanisms and Catalysis</i> , 2010, 101, 301-311.	0.8	10
29	Removal of humic substances from landfill leachate by Fenton oxidation and coagulation. <i>Chemical Engineering Research and Design</i> , 2010, 88, 276-284.	2.7	75
30	Statistical optimization of process parameters for landfill leachate treatment using electro-Fenton technique. <i>Journal of Hazardous Materials</i> , 2010, 176, 749-758.	6.5	237
31	Fenton-like oxidation of reactive black 5 solution using iron-Montmorillonite K10 catalyst. <i>Journal of Hazardous Materials</i> , 2010, 176, 1118-1121.	6.5	29
32	Species distribution of ferric hydrolysates in microwave enhanced Fenton-like process and possible mechanism. <i>Journal of Hazardous Materials</i> , 2010, 178, 293-297.	6.5	17
33	Comparison of different physico-chemical methods for the removal of toxicants from landfill leachate. <i>Journal of Hazardous Materials</i> , 2010, 178, 298-305.	6.5	53
34	Application of response surface methodology to the advanced treatment of biologically stabilized landfill leachate using Fenton's reagent. <i>Waste Management</i> , 2010, 30, 2122-2129.	3.7	65
35	Application of response surface methodology to the treatment landfill leachate in a three-dimensional electrochemical reactor. <i>Waste Management</i> , 2010, 30, 2096-2102.	3.7	102
36	Photoelectrochemical treatment of landfill leachate in a continuous flow reactor. <i>Bioresource Technology</i> , 2010, 101, 865-869.	4.8	48
37	Trends in the use of Fenton, electro-Fenton and photo-Fenton for the treatment of landfill leachate. <i>Waste Management</i> , 2010, 30, 2113-2121.	3.7	381

#	ARTICLE	IF	CITATIONS
38	Influence of Fenton reagent oxidation on mineralization and decolorization of municipal landfill leachate. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2010, 45, 692-698.	0.9	66
39	Effects of Operational Parameters on the Decolorization of C.I. Acid Blue 9 by Fenton Oxidation Process. , 2010, , .		1
40	Microwave-Assisted COD Removal from Landfill Leachate by Hydrogen Peroxide, Peroxymonosulfate and Persulfate. <i>International Conference on Bioinformatics and Biomedical Engineering: [proceedings] International Conference on Bioinformatics and Biomedical Engineering</i> , 2010, , .	0.0	6
41	Removal of COD and colour from young municipal landfill leachate by Fenton process. <i>Environmental Technology (United Kingdom)</i> , 2010, 31, 1635-1640.	1.2	42
42	Removal of Organic Matter from Landfill Leachate by Advanced Oxidation Processes: A Review. <i>International Journal of Chemical Engineering</i> , 2010, 2010, 1-10.	1.4	110
43	Variability of Parameters Involved in Leachate Pollution Index and Determination of LPI from Four Landfills in Malaysia. <i>International Journal of Chemical Engineering</i> , 2010, 2010, 1-6.	1.4	90
44	Clays and oxide minerals as catalysts and nanocatalysts in Fenton-like reactions – A review. <i>Applied Clay Science</i> , 2010, 47, 182-192.	2.6	756
45	FENTON AND FENTON-LIKE AOPs FOR ALUM SLUDGE CONDITIONING: EFFECTIVENESS COMPARISON WITH DIFFERENT Fe ²⁺ AND Fe ³⁺ SALTS. <i>Chemical Engineering Communications</i> , 2010, 198, 442-452.	1.5	25
46	Fenton Process for Landfill Leachate Treatment: Evaluation of Biodegradability and Toxicity. <i>Journal of Environmental Engineering, ASCE</i> , 2010, 136, 46-53.	0.7	35
47	Notice of Retraction: Capacity of Modified Fly Ash in Advanced Treatment of Landfill Leachate: Determined of Equilibrium and Kinetic Model Parameters. , 2011, , .		0
48	Evaluation of the hazardous impact of landfill leachates by toxicity and biodegradability tests. <i>Environmental Technology (United Kingdom)</i> , 2011, 32, 1345-1353.	1.2	23
49	Optimizing the Main Parameters of Landfill Leachate Chemical Treatment Based on Sediment Volume, COD, and Turbidity Reduction. , 2011, , .		0
50	Understanding the Complexity and Strategic Evolution in PAH Remediation Research. <i>Critical Reviews in Environmental Science and Technology</i> , 2011, 41, 1697-1746.	6.6	32
51	Sulfate radical-advanced oxidation process (SR-AOP) for simultaneous removal of refractory organic contaminants and ammonia in landfill leachate. <i>Water Research</i> , 2011, 45, 6189-6194.	5.3	344
52	Application of Fenton's Reaction for Food-processing Wastewater Treatment. <i>Journal of Advanced Oxidation Technologies</i> , 2011, 14, .	0.5	8
53	p-Nitrophenol degradation by a heterogeneous Fenton-like reaction on nano-magnetite: Process optimization, kinetics, and degradation pathways. <i>Journal of Molecular Catalysis A</i> , 2011, 349, 71-79.	4.8	252
54	Treatment of municipal leachate of landfill by Fenton-like heterogeneous catalytic wet peroxide oxidation using an Al/Fe-pillared montmorillonite as active catalyst. <i>Chemical Engineering Journal</i> , 2011, 178, 146-153.	6.6	44
55	Evaluation of Fenton and ozone-based advanced oxidation processes as mature landfill leachate pre-treatments. <i>Journal of Environmental Management</i> , 2011, 92, 749-755.	3.8	185

#	ARTICLE	IF	CITATIONS
56	Combined fenton oxidation and biological activated carbon process for recycling of coking plant effluent. <i>Journal of Hazardous Materials</i> , 2011, 189, 308-314.	6.5	43
57	Comparison of several combined/integrated biological-AOPs setups for the treatment of municipal landfill leachate: Minimization of operating costs and effluent toxicity. <i>Chemical Engineering Journal</i> , 2011, 172, 250-257.	6.6	110
58	Oxidation and coagulation removal of humic acid using Fenton process. <i>Colloids and Surfaces A: Physicochemical and Engineering Aspects</i> , 2011, 379, 151-156.	2.3	58
59	Fenton's oxidative treatment of municipal landfill leachate as an alternative to biological process. <i>Desalination</i> , 2011, 275, 269-275.	4.0	59
60	Oxidative decolorization of Acid Red 1 solutions by Fe ²⁺ -zeolite Y type catalyst. <i>Desalination</i> , 2011, 276, 45-52.	4.0	75
61	Removal and degradation pathway study of sulfasalazine with Fenton-like reaction. <i>Journal of Hazardous Materials</i> , 2011, 190, 493-500.	6.5	56
62	Simultaneous phosphate and COD _{Cr} removals for landfill leachate using modified honeycomb cinders as an adsorbent. <i>Journal of Hazardous Materials</i> , 2011, 190, 553-558.	6.5	23
63	Mathematical model analysis of Fenton oxidation of landfill leachate. <i>Waste Management</i> , 2011, 31, 468-474.	3.7	24
64	Effect of carrier composition on 2,6-dimethylaniline degradation in aqueous solution by fluidized-bed Fenton process. <i>Environmental Technology (United Kingdom)</i> , 2011, 32, 1233-1237.	1.2	14
65	Notice of Retraction: Treatment of Practical Wastewater Using a Novel Inorganic Polymeric Flocculant. , 2011, , .		0
66	Notice of Retraction: Decolorization of the Azo Dye C.I. Basic Red 22 in Aqueous Solution by Fenton Oxidation. , 2011, , .		0
67	Study on Coupled Oxidation and Microwave Process in Treating Urban Landfill Leachate by Fenton and Fenton-Like Reaction. <i>Advanced Materials Research</i> , 0, 393-395, 1443-1446.	0.3	4
68	Evaluation of the main parameters affecting the Fenton oxidation process in municipal landfill leachate treatment. <i>Waste Management and Research</i> , 2011, 29, 397-405.	2.2	14
69	Multiple responses analysis and modeling of Fenton process for treatment of high strength landfill leachate. <i>Water Science and Technology</i> , 2011, 64, 1652-1660.	1.2	24
70	Landfill Leachates Treatment by /UV, I, Modified Fenton, and Modified Photo-Fenton Methods. <i>International Journal of Photoenergy</i> , 2012, 2012, 1-9.	1.4	25
71	Potential of Ceria-Based Catalysts for the Oxidation of Landfill Leachate by Heterogeneous Fenton Process. <i>International Journal of Photoenergy</i> , 2012, 2012, 1-8.	1.4	19
72	Statistical Experiment Design Approach for the Treatment of Landfill Leachate by Photoelectro-Fenton Process. <i>Journal of Environmental Engineering, ASCE</i> , 2012, 138, 278-285.	0.7	25
73	Photo-Fenton and Fenton Oxidation of Recalcitrant Industrial Wastewater Using Nanoscale Zero-Valent Iron. <i>International Journal of Photoenergy</i> , 2012, 2012, 1-11.	1.4	40

#	ARTICLE	IF	CITATIONS
74	Effects of inorganic anions on Fenton oxidation of organic species in landfill leachate. Waste Management and Research, 2012, 30, 12-19.	2.2	22
75	Sequencing treatment of landfill leachate using ammonia stripping, Fenton oxidation and biological treatment. Waste Management and Research, 2012, 30, 883-887.	2.2	19
76	Optimization of Fenton Process for Removal Organic Substance in Landfill Leachate. Advanced Materials Research, 2012, 518-523, 2165-2169.	0.3	0
77	Landfill Leachate Treatment by Fenton, Photo-Fenton Processes and their Modification. Journal of Advanced Oxidation Technologies, 2012, 15, .	0.5	3
78	Application of quadratic regression model for Fenton treatment of municipal landfill leachate. Waste Management, 2012, 32, 1895-1902.	3.7	54
79	Oxidation and coagulation removal of COD from landfill leachate by Fenton process. Chemical Engineering Journal, 2012, 210, 188-194.	6.6	62
80	Current status and prospects of Fenton oxidation for the decontamination of persistent organic pollutants (POPs) in soils. Chemical Engineering Journal, 2012, 213, 295-317.	6.6	109
81	Design of a novel sequencing batch internal micro-electrolysis reactor for treating mature landfill leachate. Chemical Engineering Research and Design, 2012, 90, 2278-2286.	2.7	38
82	Combined processes of two-stage Fenton-biological anaerobic filter and biological aerated filter for advanced treatment of landfill leachate. Waste Management, 2012, 32, 2401-2405.	3.7	33
83	Oil refinery wastewater treatment using physicochemical, Fenton and Photo-Fenton oxidation processes. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2012, 47, 435-440.	0.9	73
84	Municipal solid waste landfill leachate treatment by fenton, photo-fenton and fenton-like processes: Effect of some variables. Iranian Journal of Environmental Health Science & Engineering, 2012, 9, 3.	1.8	37
85	Removal of FePO ₄ and Fe ₃ (PO ₄) ₂ crystals on the surface of passive fillers in FeO/GAC reactor using the acclimated bacteria. Journal of Hazardous Materials, 2012, 241-242, 241-251.	6.5	15
86	Impacts of operating parameters on oxidation-reduction potential and pretreatment efficacy in the pretreatment of printing and dyeing wastewater by Fenton process. Journal of Hazardous Materials, 2012, 243, 86-94.	6.5	67
87	Treatment of landfill leachate by internal microelectrolysis and sequent Fenton process. Desalination and Water Treatment, 2012, 47, 243-248.	1.0	18
88	Fenton's Process for the Treatment of Mixed Waste Chemicals. , 2012, , .		6
89	Tratamento de Águas contaminadas por diesel/biodiesel utilizando processo Fenton. Engenharia Sanitaria E Ambiental, 2012, 17, 129-136.	0.1	6
90	Variation of landfill leachate phytotoxicity due to landfill ageing. Journal of Chemical Technology and Biotechnology, 2012, 87, 1349-1353.	1.6	20
91	Treatment improvement of urban landfill leachates by Fenton-like process using ZVI. Chemical Engineering Journal, 2012, 192, 219-225.	6.6	73

#	ARTICLE	IF	CITATIONS
92	Removal of natural organic matter for drinking water production by Al/Fe-PILC-catalyzed wet peroxide oxidation: Effect of the catalyst preparation from concentrated precursors. <i>Applied Catalysis B: Environmental</i> , 2012, 111-112, 527-535.	10.8	37
93	Performance of multi-soil-layering system (MSL) treating leachate from rural unsanitary landfills. <i>Science of the Total Environment</i> , 2012, 420, 183-190.	3.9	49
94	Treatment of wastewater containing EDTA-Cu(II) using the combined process of interior microelectrolysis and Fenton oxidationâ€“coagulation. <i>Separation and Purification Technology</i> , 2012, 89, 117-124.	3.9	62
95	Characterization and detoxification of a mature landfill leachate using a combined coagulationâ€“flocculation/photo Fenton treatment. <i>Journal of Hazardous Materials</i> , 2012, 205-206, 208-215.	6.5	103
96	Evaluation of three reagent dosing strategies in a photo-Fenton process for the decolorization of azo dye mixtures. <i>Journal of Hazardous Materials</i> , 2012, 217-218, 293-300.	6.5	19
97	A new method for environmental site assessment of urban solid waste landfills. <i>Environmental Monitoring and Assessment</i> , 2012, 184, 1221-1230.	1.3	24
98	Removal of COD, ammoniacal nitrogen and colour from stabilized landfill leachate by anaerobic organism. <i>Applied Water Science</i> , 2013, 3, 359-366.	2.8	49
99	Treatment of mature landfill leachate by a continuous modular internal micro-electrolysis Fenton reactor. <i>Research on Chemical Intermediates</i> , 2013, 39, 2763-2776.	1.3	11
100	Current Heterogeneous Catalytic Processes for Environmental Remediation of Air, Water, and Soil. , 2013, , 487-534.		1
101	Fuzzy-logic modeling of Fentonâ€™s strong chemical oxidation process treating three types of landfill leachates. <i>Environmental Science and Pollution Research</i> , 2013, 20, 4235-4253.	2.7	17
102	Siderophore-modified Fenton-like system for the degradation of propranolol in aqueous solutions at near neutral pH values. <i>Chemical Engineering Journal</i> , 2013, 229, 177-182.	6.6	12
103	Pretreatment of landfill leachate using deep shaft aeration bioreactor (DSAB) in cold winter season. <i>Journal of Hazardous Materials</i> , 2013, 252-253, 250-257.	6.5	17
104	Pretreatment of 2,4-dinitroanisole (DNAN) producing wastewater using a combined zero-valent iron (ZVI) reduction and Fenton oxidation process. <i>Journal of Hazardous Materials</i> , 2013, 260, 993-1000.	6.5	57
105	Complete Removal of Organic Contaminants from Hypersaline Wastewater by the Integrated Process of Powdered Activated Carbon Adsorption and Thermal Fenton Oxidation. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 5765-5771.	1.8	21
106	Coupling anammox and advanced oxidation-based technologies for mature landfill leachate treatment. <i>Journal of Hazardous Materials</i> , 2013, 258-259, 27-34.	6.5	72
107	Removal and transformation characterization of refractory components from biologically treated landfill leachate by Fe ²⁺ /NaClO and Fenton oxidation. <i>Separation and Purification Technology</i> , 2013, 116, 107-113.	3.9	35
108	Influence of Operational Parameters in the Heterogeneous Photo-Fenton Discoloration of Wastewaters in the Presence of an Iron-Pillared Clay. <i>Industrial & Engineering Chemistry Research</i> , 2013, 52, 16656-16665.	1.8	57
109	Pretreatment of dry-spun acrylic fiber manufacturing wastewater by Fenton process: Optimization, kinetics and mechanisms. <i>Chemical Engineering Journal</i> , 2013, 218, 319-326.	6.6	49

#	ARTICLE	IF	CITATIONS
110	Chemical methods for the remediation of ammonia in poultry rearing facilities: A review. <i>Biosystems Engineering</i> , 2013, 115, 230-243.	1.9	26
111	Statistical analysis of optimum Fenton oxidation conditions for landfill leachate treatment. <i>Waste Management</i> , 2013, 33, 81-88.	3.7	68
112	Influence of Fenton's reagent treatment on electrochemical properties of graphite felt for all vanadium redox flow battery. <i>Electrochimica Acta</i> , 2013, 88, 193-202.	2.6	148
113	Optimization of the landfill leachate treatment by the Fenton process. <i>Water and Environment Journal</i> , 2013, 27, 120-126.	1.0	16
114	Reusability of iron sludge as an iron source for the electrochemical Fenton-type process using Fe ²⁺ /HOCl system. <i>Water Research</i> , 2013, 47, 1919-1927.	5.3	95
115	A new integrated treatment for the reduction of organic and nitrogen loads in methanogenic landfill leachates. <i>Chemical Engineering Research and Design</i> , 2013, 91, 311-320.	2.7	31
116	Fenton treatment of landfill leachate under different COD loading factors. <i>Waste Management</i> , 2013, 33, 2116-2122.	3.7	59
117	Degradation of Organic Pollutants in Wastewater by Bicarbonate-Activated Hydrogen Peroxide with a Supported Cobalt Catalyst. <i>Environmental Science & Technology</i> , 2013, 47, 3833-3839.	4.6	236
118	Aerobic SMBR/reverse osmosis system enhanced by Fenton oxidation for advanced treatment of old municipal landfill leachate. <i>Bioresource Technology</i> , 2013, 142, 261-268.	4.8	61
119	The study of Fenton oxidation process efficiency in the simultaneous removal of phenol, cyanide, and chromium (VI) from synthetic wastewater. <i>Desalination and Water Treatment</i> , 2013, 51, 5761-5767.	1.0	16
120	Treatment of hexavalent chromium by using a combined Fenton and chemical precipitation process. <i>Journal of Water Reuse and Desalination</i> , 2013, 3, 373-380.	1.2	6
121	Pretreatment of old-age landfill leachate by microwave-assisted catalytic oxidation in the presence of activated carbon. <i>Environmental Technology (United Kingdom)</i> , 2013, 34, 2853-2858.	1.2	4
122	Post-Treatment of Coking Industry Wastewater by the Electro-Fenton Process. <i>Water Environment Research</i> , 2013, 85, 391-396.	1.3	4
123	Comparison of Degradation and Decoloration on Cigarette Industry Wastewater by Ozone and Advanced Oxidation. <i>Applied Mechanics and Materials</i> , 0, 295-298, 1168-1172.	0.2	1
124	Municipal Leachate Treatment by Fenton Process: Effect of Some Variable and Kinetics. <i>Journal of Environmental and Public Health</i> , 2013, 2013, 1-6.	0.4	28
125	Influence of Chelating Agents on Fenton-Type Reaction Using Ferrous Ion and Hypochlorous Acid. <i>Journal of Water and Environment Technology</i> , 2013, 11, 21-32.	0.3	23
126	Color and COD Removal of Azo Dye Basic Blue 9™ by Fenton Oxidation Process: Determined of Optimal Parameters and Kinetic Study. <i>Journal of Advanced Oxidation Technologies</i> , 2013, 16, .	0.5	0
127	Treatment Technologies for Organic Wastewater. , 0, , .		39

#	ARTICLE	IF	CITATIONS
128	Removal of COD from a stabilized landfill leachate by physicochemical and advanced oxidative process. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2014, 49, 1718-1726.	0.9	11
129	Recent Developments in Homogeneous Advanced Oxidation Processes for Water and Wastewater Treatment. <i>International Journal of Photoenergy</i> , 2014, 2014, 1-21.	1.4	106
130	Application of the Fenton process in the elimination of helminth eggs. <i>Journal of Water and Health</i> , 2014, 12, 722-726.	1.1	4
131	Landfill Leachate Treatment by Fenton and Fenton-like Oxidation Processes. <i>Clean - Soil, Air, Water</i> , 2014, 42, 586-593.	0.7	9
132	Fenton Oxidation Kinetics and Intermediates of Nonylphenol Ethoxylates. <i>Environmental Engineering Science</i> , 2014, 31, 217-224.	0.8	23
133	Removal of COD from landfill leachate by an electro/Fe ²⁺ /peroxydisulfate process. <i>Chemical Engineering Journal</i> , 2014, 250, 76-82.	6.6	125
134	Wastewater treatment of methyl methacrylate (MMA) by Fenton's reagent and adsorption. <i>Catalysis Today</i> , 2014, 220-222, 39-48.	2.2	13
135	Review of iron-free Fenton-like systems for activating H ₂ O ₂ in advanced oxidation processes. <i>Journal of Hazardous Materials</i> , 2014, 275, 121-135.	6.5	1,740
136	Removal of organic pollutants in tannery wastewater from wet-blue fur processing by integrated Anoxic/Oxic (A/O) and Fenton: Process optimization. <i>Chemical Engineering Journal</i> , 2014, 252, 22-29.	6.6	26
137	Effect of electrochemical treatments on the biodegradability of sanitary landfill leachates. <i>Applied Catalysis B: Environmental</i> , 2014, 144, 514-520.	10.8	61
138	Determination of optimum conditions for color and COD removal of Reactive Blue 19 by Fenton oxidation process. <i>Desalination and Water Treatment</i> , 2014, 52, 6156-6165.	1.0	16
139	Heterogeneous Fenton process using iron-containing waste (ICW) for methyl orange degradation: process performance and modeling. <i>Desalination and Water Treatment</i> , 2014, 52, 4538-4546.	1.0	7
140	The Application of PFZSSB in Advanced Wastewater Treatment from Landfill Leachate. <i>IERI Procedia</i> , 2014, 9, 64-70.	0.3	3
141	Degradation of Chlorophenols by Supported Co-Mg-Al Layered Double Hydroxide with Bicarbonate Activated Hydrogen Peroxide. <i>Journal of Physical Chemistry A</i> , 2014, 118, 10028-10035.	1.1	93
142	The critical role of the operating conditions on the Fenton oxidation of 2-chlorophenol: Assessment of PCDD/Fs formation. <i>Journal of Hazardous Materials</i> , 2014, 279, 579-585.	6.5	20
143	Factorial design analysis for COD removal from landfill leachate by photoassisted Fered-Fenton process. <i>Environmental Science and Pollution Research</i> , 2014, 21, 8595-8602.	2.7	16
144	Biodegradability Enhancement of Mature Landfill Leachate Using Fenton Process under Different COD Loading Factors. <i>Environmental Processes</i> , 2014, 1, 207-219.	1.7	10
145	Multi-response optimization of Fenton process for applicability assessment in landfill leachate treatment. <i>Waste Management</i> , 2014, 34, 2528-2536.	3.7	55

#	ARTICLE	IF	CITATIONS
146	Continuous flow photo-Fenton treatment of ciprofloxacin in aqueous solutions using homogeneous and magnetically recoverable catalysts. <i>Environmental Science and Pollution Research</i> , 2014, 21, 11116-11125.	2.7	28
147	Application of Fenton's reagent as a polishing step for removal of UV quenching organic constituents in biologically treated landfill leachates. <i>Chemosphere</i> , 2014, 105, 82-86.	4.2	38
148	Rapid removal of dyes under visible irradiation over activated carbon fibers supported Fe(III)-citrate at neutral pH. <i>Separation and Purification Technology</i> , 2014, 122, 449-455.	3.9	29
149	Landfill Leachate Treatment by Bentonite Augmented Sequencing Batch Reactor (SBR) System. <i>Applied Mechanics and Materials</i> , 0, 802, 466-471.	0.2	6
150	Photo-Fenton and Fenton Oxidation of Recalcitrant Wastewater from the Wooden Floor Industry. <i>Water Environment Research</i> , 2015, 87, 491-497.	1.3	5
151	Advanced Treatment of Pesticide-Containing Wastewater Using Fenton Reagent Enhanced by Microwave Electrodeless Ultraviolet. <i>BioMed Research International</i> , 2015, 2015, 1-8.	0.9	35
152	UV/H ₂ O ₂ , O ₃ and (photo) Fenton as treatment prior to granular activated carbon filtration of biologically stabilized landfill leachate. <i>Journal of Chemical Technology and Biotechnology</i> , 2015, 90, 525-533.	1.6	34
153	Landfill site selection using multi-criteria evaluation in the GIS interface: a case study from the Gaza Strip, Palestine. <i>Arabian Journal of Geosciences</i> , 2015, 8, 7499-7513.	0.6	52
154	Catechin as a new improving agent for a photo-Fenton-like system at near-neutral pH for the removal of inderal. <i>Photochemical and Photobiological Sciences</i> , 2015, 14, 473-480.	1.6	17
155	Effect of Fenton oxidation on biodegradability, biotoxicity and dissolved organic matter distribution of concentrated landfill leachate derived from a membrane process. <i>Waste Management</i> , 2015, 38, 232-239.	3.7	87
156	Contemporary Environmental Issues of Landfill Leachate: Assessment and Remedies. <i>Critical Reviews in Environmental Science and Technology</i> , 2015, 45, 472-590.	6.6	156
157	Mature landfill leachate treatment by coagulation/flocculation combined with Fenton and solar photo-Fenton processes. <i>Journal of Hazardous Materials</i> , 2015, 286, 261-268.	6.5	239
158	Treatment of landfill leachate by sonolysis followed by Fenton process. <i>Desalination and Water Treatment</i> , 2015, 53, 360-366.	1.0	7
159	Combination of Fenton oxidation and sequencing batch membrane bioreactor for treatment of dry-spun acrylic fiber wastewater. <i>Environmental Earth Sciences</i> , 2015, 73, 4911-4921.	1.3	17
160	Fenton oxidative treatment of petroleum refinery wastewater: process optimization and sludge characterization. <i>RSC Advances</i> , 2015, 5, 68159-68168.	1.7	23
161	Assessment of PCDD/Fs formation in the Fenton oxidation of 2-chlorophenol: Influence of the iron dose applied. <i>Chemosphere</i> , 2015, 137, 135-141.	4.2	32
162	Review on the electrochemical processes for the treatment of sanitary landfill leachates: Present and future. <i>Applied Catalysis B: Environmental</i> , 2015, 176-177, 183-200.	10.8	278
163	Advanced Oxidation Processes (AOPs) in Wastewater Treatment. <i>Current Pollution Reports</i> , 2015, 1, 167-176.	3.1	1,060

#	ARTICLE	IF	CITATIONS
164	Application of multiple toxicity tests in monitoring of landfill leachate treatment efficiency. Environmental Monitoring and Assessment, 2015, 187, 489.	1.3	17
165	Development of a four-layered ANN for simulation of an electrochemical water treatment process. Desalination and Water Treatment, 2015, 56, 388-398.	1.0	5
166	Adsorption and degradation processes of tributyltin and trimethyltin in landfill leachates treated with iron nanoparticles. Environmental Research, 2015, 142, 511-521.	3.7	10
167	Perspective of harnessing energy from landfill leachate via microbial fuel cells: novel biofuels and electrogenic physiologies. Applied Microbiology and Biotechnology, 2015, 99, 7827-7836.	1.7	29
168	Final treatment of young, middle-aged, and stabilized leachates by Fenton process: optimization by response surface methodology. Desalination and Water Treatment, 2015, 54, 342-357.	1.0	7
169	A novel pretreatment process of mature landfill leachate with ultrasonic activated persulfate: Optimization using integrated Taguchi method and response surface methodology. Chemical Engineering Research and Design, 2015, 98, 268-275.	2.7	66
170	Effect of the mixing ratio during co-treatment of landfill leachate and sewage with a combined stripping and reversed A ² /O process. Environmental Technology (United Kingdom), 2015, 36, 2668-2673.	1.2	4
171	Occurrence and Removal of Organic Micropollutants in Landfill Leachates Treated by Electrochemical Advanced Oxidation Processes. Environmental Science & Technology, 2015, 49, 12187-12196.	4.6	167
172	Recent Advancements in the Treatment of Municipal Wastewater Reverse Osmosis Concentrate—An Overview. Critical Reviews in Environmental Science and Technology, 2015, 45, 193-248.	6.6	57
173	Combined processes for wastewater purification: treatment of a typical landfill leachate with a combination of chemical and biological oxidation processes. Journal of Chemical Technology and Biotechnology, 2015, 90, 1527-1536.	1.6	14
174	Heterogeneous Fenton™s oxidation using Fe/ZSM-5 as catalyst in a continuous stirred tank reactor. Separation and Purification Technology, 2015, 141, 235-245.	3.9	52
175	Detailed treatment line for a specific landfill leachate remediation. Brief economic assessment. Chemical Engineering Journal, 2015, 261, 60-66.	6.6	39
176	Induced effects of advanced oxidation processes. Scientific Reports, 2015, 4, 4018.	1.6	18
177	High performance of nanoscaled Fe ₂ O ₃ catalyzing UV-Fenton under neutral condition with a low stoichiometry of H ₂ O ₂ : Kinetic study and mechanism. Chemical Engineering Journal, 2015, 267, 1-8.	6.6	36
178	Effect of oxidation–reduction potential on an electrochemical Fenton-type process. Chemical Engineering Journal, 2015, 260, 590-595.	6.6	26
179	Combined treatment of retting flax wastewater using Fenton oxidation and granular activated carbon. Arabian Journal of Chemistry, 2016, 9, 511-517.	2.3	28
180	Development of an activated carbon-supported zero-valent iron catalyst (AC-Fe ⁰) for enhancing degradation of reactive brilliant orange and reducing iron sludge production. Environmental Progress and Sustainable Energy, 2016, 35, 949-956.	1.3	7
181	Combined Chemical Activation and Fenton Degradation to Convert Waste Polyethylene into High-Value Fine Chemicals. Chemistry - A European Journal, 2016, 22, 9513-9518.	1.7	40

#	ARTICLE	IF	CITATIONS
182	Integrating landfill bioreactors, partial nitrification and anammox process for methane recovery and nitrogen removal from leachate. <i>Scientific Reports</i> , 2016, 6, 27744.	1.6	20
183	Utilisation des procédés électrochimiques et leurs combinaisons avec les procédés biologiques pour le traitement des lixiviats de sites d'enfouissement sanitaires - revue de littérature. <i>Revue Des Sciences De L'Eau</i> , 0, 29, 63-89.	0.2	7
184	A new winery wastewater treatment approach during vintage periods integrating ferric coagulation, Fenton reaction and activated sludge. <i>Journal of Environmental Chemical Engineering</i> , 2016, 4, 2207-2215.	3.3	35
185	Phycoremediation of landfill leachate with chlorophytes: Phosphate a limiting factor on ammonia nitrogen removal.. <i>Water Research</i> , 2016, 99, 180-187.	5.3	60
186	Optimization of Fenton process using response surface methodology and analytic hierarchy process for landfill leachate treatment. <i>Chemical Engineering Research and Design</i> , 2016, 104, 150-160.	2.7	63
187	Removal of humic substances from reverse osmosis (RO) and nanofiltration (NF) concentrated leachate using continuously ozone generation-reaction treatment equipment. <i>Waste Management</i> , 2016, 56, 271-279.	3.7	124
188	Degradation of methylene blue in a heterogeneous Fenton reaction catalyzed by chitosan crosslinked ferrous complex. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2016, 67, 355-361.	2.7	27
189	Electrochemical treatment of concentrate from reverse osmosis of sanitary landfill leachate. <i>Journal of Environmental Management</i> , 2016, 181, 515-521.	3.8	81
190	Advanced landfill leachate treatment using iron-carbon microelectrolysis- Fenton process: Process optimization and column experiments. <i>Journal of Hazardous Materials</i> , 2016, 318, 460-467.	6.5	83
191	Application of TiO ₂ -organobentonite modified by cetyltrimethylammonium chloride photocatalyst and polyaluminum chloride coagulant for pretreatment of aging landfill leachate. <i>Environmental Science and Pollution Research</i> , 2016, 23, 18552-18563.	2.7	5
192	Enhancement of activated sludge disintegration and dewaterability by Fenton process. <i>IOP Conference Series: Earth and Environmental Science</i> , 2016, 36, 012018.	0.2	3
193	Mechanistic Studies of TiO ₂ Photocatalysis and Fenton Degradation of Hydrophobic Aromatic Pollutants in Water. <i>Chemistry - an Asian Journal</i> , 2016, 11, 3568-3574.	1.7	14
194	Application des procédés d'oxydation avancée pour le traitement des eaux contaminées par les pesticides " revue de littérature. <i>Revue Des Sciences De L'Eau</i> , 0, 29, 231-262.	0.2	3
195	Application of Hydrodynamic Cavitation to Wastewater Treatment. <i>Chemical Engineering and Technology</i> , 2016, 39, 1363-1376.	0.9	104
196	Treatment of landfill leachate using electrochemically assisted UV/chlorine process: Effect of operating conditions, molecular weight distribution and fluorescence EEM-PARAFAC analysis. <i>Chemical Engineering Journal</i> , 2016, 286, 508-516.	6.6	64
197	Granular activated carbon supported iron as a heterogeneous persulfate catalyst for the pretreatment of mature landfill leachate. <i>RSC Advances</i> , 2016, 6, 987-994.	1.7	39
198	Evaluation of solar photo-Fenton and ozone based processes as citrus wastewater pre-treatments. <i>Separation and Purification Technology</i> , 2016, 164, 155-162.	3.9	36
199	Development of an advanced chemical oxidation wastewater treatment system for the batik industry in Malaysia. <i>RSC Advances</i> , 2016, 6, 25222-25241.	1.7	36

#	ARTICLE	IF	CITATIONS
200	Integrated process scheme for the combined treatment of liquid wastes and municipal wastewaters: a process analysis. <i>Desalination and Water Treatment</i> , 2016, 57, 2555-2563.	1.0	1
201	Relieving the fermentation inhibition enables high electron recovery from landfill leachate in a microbial electrolysis cell. <i>RSC Advances</i> , 2016, 6, 6658-6664.	1.7	23
202	Treatment of POME using Fenton oxidation process: removal efficiency, optimization, and acidity condition. <i>Desalination and Water Treatment</i> , 2016, 57, 23750-23759.	1.0	32
203	Hazardous waste landfill leachate treatment by combined chemical and biological techniques. <i>Desalination and Water Treatment</i> , 2016, 57, 13236-13245.	1.0	28
204	Reuse of recalcitrant-rich anaerobic effluent as dilution water after enhancement of biodegradability by Fenton processes. <i>Journal of Environmental Management</i> , 2016, 168, 10-15.	3.8	7
205	Pretreatment of Polyvinyl Alcohol-Containing Desizing Wastewater by the Fenton Process: Oxidation and Coagulation. <i>Environmental Engineering Science</i> , 2016, 33, 160-166.	0.8	14
206	Removal of refractory organics in nanofiltration concentrates of municipal solid waste leachate treatment plants by combined Fenton oxidative-coagulation with photo Fenton processes. <i>Chemosphere</i> , 2016, 146, 442-449.	4.2	72
207	Pretreatment of landfill leachate by using the composite of poly ferric sulfate and bioflocculant MBFR10543. <i>Desalination and Water Treatment</i> , 2016, 57, 19262-19272.	1.0	1
208	Degradation of methyl orange using Fenton catalytic reaction. <i>Egyptian Journal of Petroleum</i> , 2016, 25, 317-321.	1.2	129
209	Fenton's treatment as an effective treatment for elderberry effluents: economical evaluation. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 1208-1219.	1.2	14
210	Impact of leachate composition on the advanced oxidation treatment. <i>Water Research</i> , 2016, 88, 389-402.	5.3	55
211	Treatment of winery wastewater by sulphate radicals: HSO ₅ ⁻ /transition metal/UV-A LEDs. <i>Chemical Engineering Journal</i> , 2017, 310, 473-483.	6.6	79
212	Transformation of dissolved organic matter in concentrated leachate from nanofiltration during ozone-based oxidation processes (O ₃ , O ₃ /H ₂ O ₂ and O ₃ /UV). <i>Journal of Environmental Management</i> , 2017, 191, 244-251.	3.8	89
213	Advanced treatment of petrochemical secondary effluent by Fenton: performance and organics removal characteristics. <i>Water Science and Technology</i> , 2017, 75, 1431-1439.	1.2	10
214	Degradation of phenol in wastewaters via heterogeneous Fenton-like Ag/CeO ₂ catalyst. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 1159-1165.	3.3	30
215	Quantitative dynamics of ammonia-oxidizers during biological stabilization of municipal landfill leachate pretreated by Fenton's reagent at neutral pH. <i>Waste Management</i> , 2017, 63, 310-326.	3.7	14
216	Synthesis and characterization of zero-valent iron nanoparticles supported on SBA-15. <i>Journal of Materials Research and Technology</i> , 2017, 6, 178-183.	2.6	44
217	Comparative study of ANN and RSM for simultaneous optimization of multiple targets in Fenton treatment of landfill leachate. <i>Waste Management</i> , 2017, 65, 54-62.	3.7	94

#	ARTICLE	IF	CITATIONS
218	Sonocatalytic degradation of an anthraquinone dye using TiO ₂ -biochar nanocomposite. <i>Ultrasonics Sonochemistry</i> , 2017, 39, 120-128.	3.8	134
219	A novel device for hazardous substances degradation based on double-cavitating-jets impingement: Parameters optimization and efficiency assessment. <i>Journal of Hazardous Materials</i> , 2017, 335, 188-196.	6.5	12
220	Sonocatalytic degradation of Reactive Yellow 39 using synthesized ZrO ₂ nanoparticles on biochar. <i>Ultrasonics Sonochemistry</i> , 2017, 39, 540-549.	3.8	76
221	Investigation of landfill leachate treatability for reuse in agricultural purposes. <i>Water Practice and Technology</i> , 2017, 12, 224-233.	1.0	2
222	Electro-Fenton oxidation of reverse osmosis concentrate from sanitary landfill leachate: Evaluation of operational parameters. <i>Chemosphere</i> , 2017, 184, 1223-1229.	4.2	58
223	Removal of organic matter from stabilized landfill leachate using Coagulation-Flocculation-Fenton coupled with activated charcoal adsorption. <i>Waste Management and Research</i> , 2017, 35, 739-746.	2.2	20
224	Iron Containing Metal-Organic Frameworks: Structure, Synthesis, and Applications in Environmental Remediation. <i>ACS Applied Materials & Interfaces</i> , 2017, 9, 20255-20275.	4.0	250
225	Application of Response Surface Methodology for Optimization of Treatment for an Aged Landfill Leachate Using Fenton's Oxidation Reagent. <i>Environmental Engineering Science</i> , 2017, 34, 731-739.	0.8	7
226	Effect of Fenton pretreatment on anaerobic digestion of olive mill wastewater and olive mill solid waste in mesophilic conditions. <i>International Journal of Green Energy</i> , 2017, 14, 555-560.	2.1	31
227	Modified natural zeolite as heterogeneous Fenton catalyst in treatment of recalcitrants in industrial effluent. <i>Progress in Natural Science: Materials International</i> , 2017, 27, 275-282.	1.8	53
228	Assessment of effective parameters in landfill leachate treatment and optimization of the process using neural network, genetic algorithm and response surface methodology. <i>Chemical Engineering Research and Design</i> , 2017, 106, 89-103.	2.7	36
229	Breakdown of plastic waste into economically valuable carbon resources: Rapid and effective chemical treatment of polyvinylchloride with the Fenton catalyst. <i>Polymer Degradation and Stability</i> , 2017, 146, 34-41.	2.7	19
230	Enhancement of anaerobic digestibility of waste activated sludge using photo-Fenton pretreatment. <i>Environmental Science and Pollution Research</i> , 2017, 24, 27113-27124.	2.7	21
231	Antiferromagnetic Pyrite as the Tumor Microenvironment-Mediated Nanoplatform for Self-Enhanced Tumor Imaging and Therapy. <i>Advanced Materials</i> , 2017, 29, 1701683.	11.1	458
232	Percarbonate oxidation of landfill leachates towards removal of ultraviolet quenchers. <i>Environmental Science: Water Research and Technology</i> , 2017, 3, 1162-1170.	1.2	14
233	Performance of photo-Fenton process mediated by Fe (III)-carboxylate complexes applied to degradation of landfill leachate. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 4462-4470.	3.3	26
234	Review on landfill leachate treatment by electrochemical oxidation: Drawbacks, challenges and future scope. <i>Waste Management</i> , 2017, 69, 250-273.	3.7	218
235	Natural Organic Matter Removal by Heterogeneous Catalytic Wet Peroxide Oxidation (CWPO). <i>Handbook of Environmental Chemistry</i> , 2017, , 69-98.	0.2	5

#	ARTICLE	IF	CITATIONS
236	Suitability of microwave and microwave-coupled systems for landfill leachate treatment: An overview. <i>Journal of Environmental Chemical Engineering</i> , 2017, 5, 6165-6178.	3.3	36
237	Integration of Fenton with biological and physical-chemical methods in the treatment of complex effluents: a review. <i>Environmental Technology Reviews</i> , 2017, 6, 156-173.	2.1	10
238	Influence of iron species on integrated microbial fuel cell and electro-Fenton process treating landfill leachate. <i>Chemical Engineering Journal</i> , 2017, 328, 57-65.	6.6	55
239	Two-stage anoxic/oxic combined membrane bioreactor system for landfill leachate treatment: Pollutant removal performances and microbial community. <i>Bioresource Technology</i> , 2017, 243, 738-746.	4.8	72
240	Municipal waste leachate conversion via catalytic supercritical water gasification process. <i>Fuel</i> , 2017, 206, 155-161.	3.4	44
241	Potential of oil palm empty fruit bunches for bioethanol production and application of chemical methods in bioethanol wastewater treatment : OPEFB for bioethanol and its wastewater treatment. , 2017, , .		2
242	Optimization of Fenton treatment process for degradation of refractory organics in pre-coagulated leachate membrane concentrates. <i>Journal of Hazardous Materials</i> , 2017, 323, 674-680.	6.5	77
243	From a lab test to industrial application: scale-up of Fenton process for real olive mill wastewater treatment. <i>Journal of Chemical Technology and Biotechnology</i> , 2017, 92, 1336-1344.	1.6	26
244	Chemical oxidation for mitigation of UV-quenching substances (UVQS) from municipal landfill leachate: Fenton process versus ozonation. <i>Water Research</i> , 2017, 108, 260-270.	5.3	113
245	Ferrous ion-activated persulphate process for landfill leachate treatment: removal of organic load, phenolic micropollutants and nitrogen. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 1223-1231.	1.2	30
246	Treatment of Stabilized Leachate by Ferrous-Activated Persulfate Oxidative System. <i>Journal of Hazardous, Toxic, and Radioactive Waste</i> , 2017, 21, .	1.2	32
247	A pilot study of three-stage biological-chemical treatment of landfill leachate applying continuous ferric sludge reuse in Fenton-like process. <i>Clean Technologies and Environmental Policy</i> , 2017, 19, 541-551.	2.1	54
248	Degradation of landfill leachate compounds by persulfate for groundwater remediation. <i>Chemical Engineering Journal</i> , 2017, 307, 399-407.	6.6	67
249	Fluorescence excitation-emission matrix spectroscopy analysis of landfill leachate DOM in coagulation-flocculation process. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 1489-1497.	1.2	20
250	Fenton oxidation of pesticide methyl parathion in aqueous solution: kinetic study of the degradation. <i>Environmental Progress and Sustainable Energy</i> , 2017, 36, 420-427.	1.3	21
251	Electro-Fenton process for water and wastewater treatment. <i>Critical Reviews in Environmental Science and Technology</i> , 2017, 47, 2100-2131.	6.6	168
252	Optimization and Applicability of Bioprocesses. , 2017, , .		3
253	Bioprocess for Solid Waste Management. , 2017, , 73-99.		1

#	ARTICLE	IF	CITATIONS
254	Automotive fleet repair facility wastewater treatment using air/ZVI and air/ZVI/H ₂ O ₂ processes. Archives of Environmental Protection, 2017, 43, 24-31.	1.1	11
255	Novel and Conventional Technologies for Landfill Leachates Treatment: A Review. Sustainability, 2017, 9, 9.	1.6	127
256	Removal of Landfill Leachate's Organic load by modified Electro-Fenton process. International Journal of Electrochemical Science, 2017, 12, 9348-9363.	0.5	7
257	Determination of Cod and Color Reduction of Stabilized Landfill Leachate by Fenton Process. Journal of Asian Scientific Research, 2017, 7, 77-85.	0.0	3
258	Depth treatment of coal-chemical engineering wastewater by a cost-effective sequential heterogeneous Fenton and biodegradation process. Environmental Science and Pollution Research, 2018, 25, 13118-13126.	2.7	12
259	Stabilized landfill leachate treatment by coagulation-flocculation coupled with UV-based sulfate radical oxidation process. Waste Management, 2018, 76, 575-581.	3.7	65
260	Simultaneous decomplexation in blended Cu(II)/Ni(II)-EDTA systems by electro-Fenton process using iron sacrificing electrodes. Journal of Hazardous Materials, 2018, 350, 128-135.	6.5	34
261	Functional graphene oxide membrane preparation for organics/inorganic salts mixture separation aiming at advanced treatment of refractory wastewater. Science of the Total Environment, 2018, 628-629, 261-270.	3.9	27
262	On the critical use of zero valent iron nanoparticles and Fenton processes for the treatment of tannery wastewater. Journal of Water Process Engineering, 2018, 22, 109-122.	2.6	58
263	Converting inert plastic waste into energetic materials: A study on the light-accelerated decomposition of plastic waste with the Fenton reaction. Waste Management, 2018, 75, 174-180.	3.7	22
264	Bioassays and Zahn-Wellens test assessment on landfill leachate treated by photo-Fenton process. Journal of Environmental Chemical Engineering, 2018, 6, 1390-1395.	3.3	15
265	Removal of Acid Yellow 17 Dye by Fenton Oxidation Process. Zeitschrift Fur Physikalische Chemie, 2018, 232, 507-525.	1.4	37
266	Improving the efficiency of Fenton reactions and their application in the degradation of benzimidazole in wastewater. RSC Advances, 2018, 8, 9741-9748.	1.7	10
267	Application of analytical hierarchy process (AHP) to assess options of energy recovery from municipal solid waste: a case study in Tehran, Iran. Journal of Material Cycles and Waste Management, 2018, 20, 1689-1700.	1.6	21
268	Exploring the fate and oxidation behaviors of different organic constituents in landfill leachate upon Fenton oxidation processes using EEM-PARAFAC and 2D-COS-FTIR. Journal of Hazardous Materials, 2018, 354, 33-41.	6.5	88
269	Combined processes of ozonation and supercritical water oxidation for landfill leachate degradation. Waste Management, 2018, 77, 466-476.	3.7	47
270	Photochemical Degradation of Organic Pollutants in Wastewaters. IOP Conference Series: Materials Science and Engineering, 2018, 301, 012099.	0.3	6
271	Process design of high-concentration benzimidazole wastewater treatment based on the molecular structure of contaminants. Environmental Technology (United Kingdom), 2018, 39, 1007-1016.	1.2	9

#	ARTICLE	IF	CITATIONS
272	TiO ₂ /H ₂ O ₂ mediated UV photocatalysis of Chlorpyrifos: Optimization of process parameters using response surface methodology. Journal of Environmental Chemical Engineering, 2018, 6, 3602-3609.	3.3	38
273	Cu@Fe ₃ O ₄ core-shell nanoparticle-catalyzed oxidative degradation of the antibiotic oxytetracycline in pre-treated landfill leachate. Chemosphere, 2018, 191, 639-650.	4.2	48
274	Influence of the boron doping level on the electrochemical oxidation of raw landfill leachates: Advanced pre-treatment prior to the biological nitrogen removal. Chemical Engineering Journal, 2018, 334, 1074-1084.	6.6	49
275	Integrated two-phase purification procedure for abatement of pollutants from sanitary landfill leachates. Chemical Engineering Journal, 2018, 334, 19-29.	6.6	32
276	Efficient organic pollutants removal from industrial paint wastewater plant employing Fenton with integration of oxic/hydrolysis acidification/oxic. Chemical Engineering Journal, 2018, 332, 440-448.	6.6	33
277	Co-bioevaporation treatment of concentrated landfill leachate with addition of food waste. Biochemical Engineering Journal, 2018, 130, 76-82.	1.8	15
278	Effect of organic loading rates on biogas production and anaerobic biodegradation of composting leachate in the anaerobic series bioreactors. Ecological Engineering, 2018, 110, 165-171.	1.6	47
279	Denitrification of landfill leachate under different hydraulic retention time in a two-stage anoxic/oxic combined membrane bioreactor process: Performances and bacterial community. Bioresource Technology, 2018, 250, 110-116.	4.8	87
280	Physical-Chemical Leachate Treatment. , 2018, , 575-632.		12
281	Effect of H ₂ O ₂ Oxidation/Alkaline Hydrolysis on Waste Activated Sludge Disintegration and Dewaterability. E3S Web of Conferences, 2018, 65, 05021.	0.2	1
282	Treatment of landfill leachate from Fez city (Morocco) using Fenton and photo-Fenton processes. IOP Conference Series: Earth and Environmental Science, 2018, 161, 012025.	0.2	7
283	Mineralization of Hazardous Waste Landfill Leachate using Photo-Fenton Process. E3S Web of Conferences, 2018, 65, 05012.	0.2	4
284	Sequential Treatment of Food Industry Wastewater by Electro-Fenton and Electrocoagulation Processes. International Journal of Electrochemical Science, 2018, 13, 12349-12359.	0.5	5
285	Energy consumption and relative efficiency improvement of Photo-Fenton Optimization by RSM for landfill leachate treatment, a case study. Waste Management, 2018, 79, 58-70.	3.7	28
286	Research on the treatment of biologically treated landfill leachate by joint electrochemical system. Waste Management, 2018, 82, 177-187.	3.7	43
287	Prediction and Optimization of the Fenton Process for the Treatment of Landfill Leachate Using an Artificial Neural Network. Water (Switzerland), 2018, 10, 595.	1.2	63
288	Application of different magnetic intensities for the treatment of landfill leachate in Egypt. Cogent Engineering, 2018, 5, 1436114.	1.1	9
289	Identification of toxic substances in phenol-acetone wastewater on activated sludge and selective toxicity removal performance with ferrous pretreatment. Environmental Science and Pollution Research, 2018, 25, 19628-19634.	2.7	4

#	ARTICLE	IF	CITATIONS
290	A review of landfill leachate induced ultraviolet quenching substances: Sources, characteristics, and treatment. <i>Water Research</i> , 2018, 145, 297-311.	5.3	111
291	Otimiza��o multivariada do processo foto-Fenton solar na remo��o da demanda qu�mica de oxig�nio em lixiviados de aterros sanit�rios. <i>Engenharia Sanitaria E Ambiental</i> , 2018, 23, 499-507.	0.1	3
292	Electrooxidation as post treatment of ultrafiltration effluent in a landfill leachate MBR treatment plant: Effects of BDD, Pt and DSA anode types. <i>Electrochimica Acta</i> , 2018, 286, 252-263.	2.6	78
293	A porous activated carbon supported Pt catalyst for the oxidative degradation of poly[(naphthaleneformaldehyde)sulfonate]. <i>Journal of the Taiwan Institute of Chemical Engineers</i> , 2018, 93, 289-297.	2.7	7
294	A computational study of the Fenton reaction in different pH ranges. <i>Physical Chemistry Chemical Physics</i> , 2018, 20, 22890-22901.	1.3	67
295	2D-QSAR and 3D-QSAR simulations for the reaction rate constants of organic compounds in ozone-hydrogen peroxide oxidation. <i>Chemosphere</i> , 2018, 212, 828-836.	4.2	20
296	Degradation Characteristics of Color Index Direct Blue 15 Dye Using Iron-Carbon Micro-Electrolysis Coupled with H ₂ O ₂ . <i>International Journal of Environmental Research and Public Health</i> , 2018, 15, 1523.	1.2	24
297	Removal of COD from landfill leachate by advanced Fenton process combined with electrolysis. <i>Separation and Purification Technology</i> , 2019, 208, 3-11.	3.9	37
298	Construction of Fe ₂ O ₃ /Co ₃ O ₄ /exfoliated graphite composite and its high efficient treatment of landfill leachate by activation of potassium persulfate. <i>Chemical Engineering Journal</i> , 2019, 355, 952-962.	6.6	71
299	Why the Reactive Oxygen Species of the Fenton Reaction Switches from Oxoiron(IV) Species to Hydroxyl Radical in Phosphate Buffer Solutions? A Computational Rationale. <i>ACS Omega</i> , 2019, 4, 14105-14113.	1.6	60
300	Accelerated Fenton-like kinetics by visible-light-driven catalysis over iron(III) porphyrin functionalized zirconium MOF: effective promotion on the degradation of organic contaminants. <i>Environmental Science: Nano</i> , 2019, 6, 2652-2661.	2.2	57
301	MS2 coliphage inactivation by Al/Fe PILC-activated Catalytic Wet Peroxide Oxidation: multiresponse statistical optimization. <i>Heliyon</i> , 2019, 5, e01892.	1.4	7
302	Environmental Sustainability and Education for Waste Management. <i>Education for Sustainability</i> , 2019, , .	0.2	6
303	A Study on Fenton Technology for Polypropylene Waste Degradation and Recovery of High-Value Chemicals. <i>Education for Sustainability</i> , 2019, , 223-239.	0.2	5
304	Dual Treatment of Milk Processing Industry Wastewater Using Electro Fenton Process Followed by Anaerobic Treatment. <i>International Journal of Chemical Reactor Engineering</i> , 2019, 17, .	0.6	9
305	Application of the Fenton and Fenton-like processes in the landfill leachate tertiary treatment. <i>Journal of Environmental Chemical Engineering</i> , 2019, 7, 103352.	3.3	43
306	Presence of endocrine disrupting chemicals in sanitary landfill leachate, its treatment and degradation by Fenton based processes: A review. <i>Chemical Engineering Research and Design</i> , 2019, 131, 255-267.	2.7	40
307	Hydroxyl radical formation upon dark oxidation of reduced iron minerals: Effects of iron species and environmental factors. <i>Chinese Chemical Letters</i> , 2019, 30, 2241-2244.	4.8	26

#	ARTICLE	IF	CITATIONS
308	Effect of blending landfill leachate with activated sludge on the domestic wastewater treatment process. <i>Environmental Science: Water Research and Technology</i> , 2019, 5, 268-276.	1.2	18
309	Re-evaluation of sulfate radical based "advanced oxidation processes (SR-AOPs) for treatment of raw municipal landfill leachate. <i>Water Research</i> , 2019, 153, 100-107.	5.3	108
310	Pharmaceutical wastewater treatment using UV-enhanced electro-Fenton process: Comparative study. <i>Water Environment Research</i> , 2019, 91, 1526-1536.	1.3	7
311	Application of electro-Fenton process for treatment of composting plant leachate: kinetics, operational parameters and modeling. <i>Journal of Environmental Health Science & Engineering</i> , 2019, 17, 417-431.	1.4	9
312	Two-stage integrated system photo-electro-Fenton and biological oxidation process assessment of sanitary landfill leachate treatment: An intermediate products study. <i>Chemical Engineering Journal</i> , 2019, 372, 471-482.	6.6	47
313	Conventional and fourier transform infrared characterization of waste and leachate during municipal solid waste stabilization. <i>Chemosphere</i> , 2019, 227, 34-42.	4.2	17
314	Microbial electro-Fenton: An emerging and energy-efficient platform for environmental remediation. <i>Journal of Power Sources</i> , 2019, 424, 220-244.	4.0	56
315	Treatment of landfill leachate RO concentration by Iron-carbon micro-electrolysis (ICME) coupled with H_2O_2 with emphasis on convex optimization method. <i>Environmental Pollutants and Bioavailability</i> , 2019, 31, 49-55.	1.3	13
316	Identification and photolytic characteristics of benzoquinone intermediates in photo Fenton system. <i>International Journal of Environmental Analytical Chemistry</i> , 2019, , 1-15.	1.8	3
317	Investigating the photo-Fenton process for treating soil washing wastewater. <i>Journal of Environmental Health Science & Engineering</i> , 2019, 17, 779-787.	1.4	4
318	Tris-Co(II)- H_2O_2 System-Mediated Durative Hydroxyl Radical Generation for Efficient Anionic Azo Dye Degradation by Integrating Electrostatic Attraction. <i>ACS Omega</i> , 2019, 4, 21704-21711.	1.6	8
319	Management of landfill leachate in Iran: valorization, characteristics, and environmental approaches. <i>Environmental Chemistry Letters</i> , 2019, 17, 335-348.	8.3	46
320	Textile wastewater treatment efficiency by Fenton oxidation with integration of membrane separation system. <i>Chemical Engineering Communications</i> , 2019, 206, 541-557.	1.5	14
321	Tuning the functional groups of a graphene oxide membrane by -OH contributes to the nearly complete prevention of membrane fouling. <i>Journal of Membrane Science</i> , 2019, 576, 190-197.	4.1	14
322	Reduction of reagent requirements and sludge generation in Fenton's oxidation of landfill leachate by synergistically incorporating forward osmosis and humic acid recovery. <i>Water Research</i> , 2019, 151, 310-317.	5.3	52
323	Borate Inorganic Cross-Linked Durable Graphene Oxide Membrane Preparation and Membrane Fouling Control. <i>Environmental Science & Technology</i> , 2019, 53, 1501-1508.	4.6	37
324	Hydrogen Peroxide Responsive Iron-Based Nanoplatfor for Multimodal Imaging-Guided Cancer Therapy. <i>Small</i> , 2019, 15, e1803791.	5.2	58
325	Sequential coagulation/flocculation and microwave-persulfate processes for landfill leachate treatment: Assessment of bio-toxicity, effect of pretreatment and cost-analysis. <i>Waste Management</i> , 2019, 85, 18-29.	3.7	76

#	ARTICLE	IF	CITATIONS
326	Process parameters study and organic evolution of old landfill leachate treatment using photo-Fenton-like systems: Cu ²⁺ vs Fe ²⁺ as catalysts. Separation and Purification Technology, 2019, 211, 972-982.	3.9	25
327	Catalytic degradation of Oâ€eresol using H ₂ O ₂ onto Algerian Clayâ€Na. Water Environment Research, 2019, 91, 165-174.	1.3	6
328	Decomposition of dissolved organic contaminants by combining a boron-doped diamond electrode, zero-valent iron and ultraviolet radiation. Chemosphere, 2019, 217, 897-904.	4.2	7
329	Sustainable treatment of municipal landfill leachate by combined association of air stripping, Fenton oxidation, and enhanced coagulation. Environmental Monitoring and Assessment, 2019, 191, 49.	1.3	12
330	Transformation and degradation mechanism of landfill leachates in a combined process of SAARB and ozonation. Waste Management, 2019, 85, 283-294.	3.7	84
331	Treatment of sanitary landfill leachate by the combination of photo-Fenton and biological processes. Journal of Cleaner Production, 2019, 214, 145-153.	4.6	39
332	Treatment of composting leachate using electro-Fenton process with scrap iron plates as electrodes. International Journal of Environmental Science and Technology, 2019, 16, 4133-4142.	1.8	17
333	Towards industrial implementation of Electro-Fenton and derived technologies for wastewater treatment: A review. Journal of Environmental Chemical Engineering, 2019, 7, 102823.	3.3	124
334	Treatment of landfill leachate using different configurations of ultrasonic reactors combined with advanced oxidation processes. Separation and Purification Technology, 2019, 211, 10-18.	3.9	45
335	Treatment of landfill leachate with combined biological and chemical processes: changes in the dissolved organic matter and functional groups. Environmental Technology (United Kingdom), 2019, 40, 2225-2231.	1.2	18
336	Landfill leachate treatment by coagulation/flocculation combined with microelectrolysis-Fenton processes. Environmental Technology (United Kingdom), 2019, 40, 1862-1870.	1.2	24
337	Pilot-scale <i>in situ</i> treatment of landfill leachate using combined coagulationâ€flocculation, hydrolysis acidification, SBR and electro-Fenton oxidation. Environmental Technology (United Kingdom), 2019, 40, 1862-1870.	1.2	5
338	Carbonaceous decomposition of a recalcitrant effluent treated by the photo-Fenton process: a kinetic approach. Environmental Technology (United Kingdom), 2020, 41, 411-419.	1.2	5
339	Degradation of recalcitrant organics in nanofiltration concentrate from biologically pretreated landfill leachate by ultraviolet-Fenton method. Separation and Purification Technology, 2020, 235, 116076.	3.9	39
340	Use of sawdust as pretreatment of photo-Fenton process in the depuration of landfill leachate. Journal of Environmental Management, 2020, 253, 109697.	3.8	31
341	Heterogeneous degradation of stabilized landfill leachate using persulfate activation by CuFe ₂ O ₄ nanocatalyst: an experimental investigation. Journal of Environmental Chemical Engineering, 2020, 8, 103426.	3.3	47
342	Formation of disinfection byproducts during Fentonâ€™s oxidation of chloride-rich landfill leachate. Journal of Hazardous Materials, 2020, 382, 121213.	6.5	27
343	Intensification of supercritical water oxidation (ScWO) process for landfill leachate treatment through ion exchange with zeolite. Waste Management, 2020, 101, 259-267.	3.7	52

#	ARTICLE	IF	CITATIONS
344	Sequential treatment of paper mill effluent with modified Fenton oxidation and bioflocculation. <i>Environment, Development and Sustainability</i> , 2020, 22, 5425-5442.	2.7	5
345	Rapid decomplexation of Ni-EDTA by microwave-assisted Fenton reaction. <i>Chemical Engineering Journal</i> , 2020, 381, 122703.	6.6	51
346	Activated carbon as carrier in fluidized bed reactor for Fenton oxidation of recalcitrant dye: Oxidation-adsorption synergy and surface interaction. <i>Journal of Water Process Engineering</i> , 2020, 33, 101001.	2.6	24
347	Flyash augmented Fe ₃ O ₄ as a heterogeneous catalyst for degradation of stabilized landfill leachate in Fenton process. <i>Chemosphere</i> , 2020, 242, 125189.	4.2	47
348	Supercritical water oxidation treatment of humic acid as a model organic compound of landfill leachate. <i>Canadian Journal of Chemical Engineering</i> , 2020, 98, 868-878.	0.9	9
349	Ammoniacal nitrogen reclamation by membrane distillation from high ammonia polluted solutions. <i>Chemical Papers</i> , 2020, 74, 1903-1915.	1.0	13
350	Recent advances in municipal landfill leachate: A review focusing on its characteristics, treatment, and toxicity assessment. <i>Science of the Total Environment</i> , 2020, 703, 135468.	3.9	319
351	Treatment of semi-aerobic aged-refuse biofilter effluent from treating landfill leachate with the Fenton method. <i>Chemical Engineering Research and Design</i> , 2020, 133, 32-40.	2.7	29
352	Elevating performance of electrochemical immunosensor via photo-induced microscale hyperthermia in situ. <i>Biosensors and Bioelectronics</i> , 2020, 150, 111951.	5.3	13
353	Treatment of landfill leachate using magnetically attracted zero-valent iron powder electrode in an electric field. <i>Journal of Hazardous Materials</i> , 2020, 388, 121768.	6.5	33
354	Enhanced ibuprofen removal by heterogeneous-Fenton process over Cu/ZrO ₂ and Fe/ZrO ₂ catalysts. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 103586.	3.3	35
355	Hypoxia-activated ROS burst liposomes boosted by local mild hyperthermia for photo/chemodynamic therapy. <i>Journal of Controlled Release</i> , 2020, 328, 100-111.	4.8	37
356	Multi-barrier treatment of mature landfill leachate: effect of Fenton oxidation and air stripping on activated sludge process and cost analysis. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104444.	3.3	25
357	Enhanced removal of dye from wastewater by Fenton process activated by core-shell NiCo ₂ O ₄ @FePc catalyst. <i>Journal of Cleaner Production</i> , 2020, 273, 123028.	4.6	27
358	Post treatment of ICEAS-biologically landfill leachate using electrochemical oxidation with Ti/BDD and Ti/RuO ₂ anodes. <i>Environmental Technology and Innovation</i> , 2020, 20, 101099.	3.0	26
359	Occurrence, statutory guideline values and removal of contaminants of emerging concern by Electrochemical Advanced Oxidation Processes: A review. <i>Science of the Total Environment</i> , 2020, 748, 141527.	3.9	88
360	Residual organics removal from manganese electrochemical solution using combined Fenton oxidation process with adsorption over activated carbon. <i>Environmental Science and Pollution Research</i> , 2020, 27, 44240-44248.	2.7	2
361	Optimizing the Fenton Based Pre-Treatment of Landfill Leachate Using Response Surface Methodology. <i>Journal of Water Chemistry and Technology</i> , 2020, 42, 275-280.	0.2	7

#	ARTICLE	IF	CITATIONS
362	Electrochemical removal of metoprolol using graphite-polyvinyl chloride composite as anode. IOP Conference Series: Earth and Environmental Science, 2020, 479, 012022.	0.2	3
363	Enhanced oxidative degradation of decabromodiphenyl ether in soil by coupling Fenton-persulfate processes: Insights into degradation products and reaction mechanisms. Science of the Total Environment, 2020, 737, 139777.	3.9	16
364	Performance evaluation of microbial fuel cell for landfill leachate treatment: Research updates and synergistic effects of hybrid systems. Journal of Environmental Sciences, 2020, 96, 1-20.	3.2	39
365	Treatment of landfill leachates from Fez city (Morocco) using a sequence of aerobic and Fenton processes. Scientific African, 2020, 8, e00434.	0.7	10
366	Application of response surface method for Total organic carbon reduction in leachate treatment using Fenton process. Environmental Technology and Innovation, 2020, 19, 101009.	3.0	25
367	Biomimic FeS ₂ nanodrug with hypothermal photothermal effect by clinical approved NIR-â...; light for augmented chemodynamic therapy. Chemical Engineering Journal, 2020, 400, 125933.	6.6	51
368	Photo-Fenton disinfection at near neutral pH: Process, parameter optimization and recent advances. Journal of Environmental Chemical Engineering, 2020, 8, 104063.	3.3	73
369	Novel Fenton-biological combined process at neutral pH by virtue of endogenous acidification and fungal degradation: Performance and cost analysis in the lab-scale study. Chemical Engineering Journal, 2020, 399, 125745.	6.6	11
370	Stabilized landfill leachate treatment by zero valent aluminium-acid system combined with hydrogen peroxide and persulfate based advanced oxidation process. Waste Management, 2020, 106, 1-11.	3.7	56
371	Modification of graphite felt doped with nitrogen and boron for enhanced removal of dimethyl phthalate in peroxi-coagulation system and mechanisms. Environmental Science and Pollution Research, 2020, 27, 18810-18821.	2.7	13
372	Optimization of multiple parameters for treatment of coking wastewater using Fenton oxidation. Arabian Journal of Chemistry, 2020, 13, 5084-5095.	2.3	20
373	Characteristics of refractory organics in industrial wastewater treated using a Fenton-coagulation process. Environmental Technology (United Kingdom), 2021, 42, 3432-3440.	1.2	5
374	Mineralization of stabilized landfill leachate by heterogeneous Fenton process with RSM optimization. Separation Science and Technology, 2021, 56, 567-576.	1.3	6
375	Electro-Fenton and photoelectro-Fenton degradation of sulfamethazine using an active gas diffusion electrode without aeration. Chemosphere, 2020, 250, 126177.	4.2	48
376	Recent trends in applications of advanced oxidation processes (AOPs) in bioenergy production: Review. Renewable and Sustainable Energy Reviews, 2020, 121, 109669.	8.2	116
377	Photochemical mineralization of amoxicillin medicinal product by means of UV, hydrogen peroxide, titanium dioxide and iron. Environmental Technology (United Kingdom), 2021, 42, 2941-2949.	1.2	14
378	Synergistically coupling membrane electrochemical reactor with Fenton process to enhance landfill leachate treatment. Chemosphere, 2020, 247, 125954.	4.2	21
379	Electro-activated peroxydisulfate and peroxydisulfate oxidation of leachate nanofiltration concentrate: multiple-response optimization. International Journal of Environmental Science and Technology, 2020, 17, 2707-2720.	1.8	10

#	ARTICLE	IF	CITATIONS
380	One Stone Two Birds: Zr-Fc Metal-Organic Framework Nanosheet for Synergistic Photothermal and Chemodynamic Cancer Therapy. <i>ACS Applied Materials & Interfaces</i> , 2020, 12, 20321-20330.	4.0	105
381	Photodegradation and Box-Behnken design optimization for methomyl using Fenton process based on synthesized CuO nanocrystals via facile wet chemical technique. <i>Chemical Engineering Communications</i> , 2021, 208, 349-363.	1.5	8
382	Coagulation/Fenton oxidation combined treatment of compost leachate using quince seed mucilage as an effective biocoagulant. <i>Environmental Technology (United Kingdom)</i> , 2021, 42, 521-530.	1.2	4
383	Photothermo-Promoted Nanocatalysis Combined with H ₂ S-Mediated Respiration Inhibition for Efficient Cancer Therapy. <i>Advanced Functional Materials</i> , 2021, 31, 2007991.	7.8	70
384	Fractionated regimen-suitable immunoradiotherapy sensitizer based on ultrasmall Fe ₄ Se ₂ W ₁₈ nanoclusters enable tumor-specific radiosensitization augment and antitumor immunity boost. <i>Nano Today</i> , 2021, 36, 101003.	6.2	26
385	Monitoring dissolved organic matter in wastewater and drinking water treatments using spectroscopic analysis and ultra-high resolution mass spectrometry. <i>Water Research</i> , 2021, 188, 116406.	5.3	124
386	A review of the characteristics of Fenton and ozonation systems in landfill leachate treatment. <i>Science of the Total Environment</i> , 2021, 762, 143131.	3.9	110
387	A review on treatment of membrane concentrates generated from landfill leachate treatment processes. <i>Separation and Purification Technology</i> , 2021, 259, 118182.	3.9	95
388	Synergistic heat/UV activated persulfate for the treatment of nanofiltration concentrated leachate. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111522.	2.9	31
389	Hazardous and industrial wastewaters: from cutting-edge treatment strategies or layouts to micropollutant removal. , 2021, , 233-251.		0
390	The treatment of real dyeing wastewater by the electro-Fenton process using drinking water treatment sludge as a catalyst. <i>RSC Advances</i> , 2021, 11, 27443-27452.	1.7	22
391	Electrode material in electrochemical decolorization of dyestuffs wastewater: A review. <i>E3S Web of Conferences</i> , 2021, 234, 00058.	0.2	4
392	Optimising the parameters affecting degradation of Cypermethrin in an aqueous solution using TiO ₂ /H ₂ O ₂ mediated UV photocatalysis: RSM-BBD, kinetics, isotherms and reusability. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 1153-1167.	1.8	7
393	Application of Photocatalysis Methods to Enhance Sludge Disintegration. <i>Waste and Biomass Valorization</i> , 2021, 12, 4419-4431.	1.8	5
394	DFT mechanistic study on the formation of 8-oxoguanine and spiroiminodihydantoin mediated by iron Fenton reactions. <i>Dalton Transactions</i> , 2021, 50, 9842-9850.	1.6	3
395	Fenton Oxidation and Biological Activated Carbon Treatment for Recycling Biotreated Coking Plant Wastewater. <i>Handbook of Environmental Engineering</i> , 2021, , 1-28.	0.2	0
396	Temporal and Seasonal Variation in Leachate Pollution Index (LPI) in Sanitary Landfill Sites: A Case Study of Baidyabati Landfill, West Bengal, India. <i>Environmental Challenges and Solutions</i> , 2021, , 29-53.	0.5	2
397	ZnS on Cu ₂ Te quantum dots: preparation, characterisation, and optimisation of photocatalytic/H ₂ O ₂ process by response surface methodology. <i>International Journal of Environmental Analytical Chemistry</i> , 2023, 103, 1771-1785.	1.8	1

#	ARTICLE	IF	CITATIONS
398	Catalytic activity of metals in heterogeneous Fenton-like oxidation of wastewater contaminants: a review. <i>Environmental Chemistry Letters</i> , 2021, 19, 2405-2424.	8.3	128
399	Enhanced degradation of sulfamethoxazole by a novel Fenton-like system with significantly reduced consumption of H ₂ O ₂ activated by g-C ₃ N ₄ /MgO composite. <i>Water Research</i> , 2021, 190, 116777.	5.3	87
400	Solar photo-Fenton oxidation of mature landfill leachate: empirical model and chemical inferences. <i>Environmental Technology (United Kingdom)</i> , 2022, 43, 2891-2898.	1.2	4
401	Optimization of the process variables for landfill leachate treatment using Fenton based advanced oxidation technique. <i>Engineering Science and Technology, an International Journal</i> , 2021, 24, 428-435.	2.0	28
402	Accelerated Fe(III)/Fe(II) redox cycle of Fenton reaction system using Pd/NH ₂ -MIL-101(Cr) and hydrogen. <i>Turkish Journal of Chemistry</i> , 2021, 45, 377-386.	0.5	4
403	State-of-the-Art and Opportunities for Forward Osmosis in Sewage Concentration and Wastewater Treatment. <i>Membranes</i> , 2021, 11, 305.	1.4	13
404	Ti/RuO ₂ karġġk metaloksit elektrot kullanġlararak elektrokimyasal oksidasyon ile boyarmadde giderimine NaCl destek elektrolitinin etkisi ve toksik etkilerin deġerlendirilmesi. <i>Eurasian Journal of Biological and Chemical Sciences</i> , 0, , .	0.0	0
405	Low-Temperature Photothermal Therapy: Strategies and Applications. <i>Research</i> , 2021, 2021, 9816594.	2.8	92
406	Multifunctional cascade nanocatalysts for NIR-II-synergized photonic hyperthermia-strengthened nanocatalytic therapy of epithelial and embryonal tumors. <i>Chemical Engineering Journal</i> , 2021, 411, 128364.	6.6	14
407	COD and Color Removal from Landfill Leachate by photo-electro-Fenton Process. <i>International Journal of Electrochemical Science</i> , 2021, 16, 210539.	0.5	4
408	Optimization of process parameters in coagulation of landfill leachate by Al ₂ (SO ₄) ₃ and PACl. <i>Cumhuriyet Science Journal</i> , 2021, 42, 493-501.	0.1	0
409	Multi-Response/Multi-Step Optimization of Heterogeneous Fenton Process with Fe ₃ O ₄ Catalyst for the Treatment of Landfill Leachate. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	1.1	11
410	UVA-LED Technology'ın Treatment Efficiency and Cost in a Competitive Trial Applied to the Photo-Fenton Treatment of Landfill Leachate. <i>Processes</i> , 2021, 9, 1026.	1.3	9
411	Multipurpose treatment of landfill leachate using natural coagulants " Pretreatment for nutrient recovery and removal of heavy metals and micropollutants. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 105213.	3.3	27
412	Removal of polyethylene glycols from wastewater: A comparison of different approaches. <i>Chemosphere</i> , 2021, 273, 129725.	4.2	17
413	Synthesis of one-for-all type Cu ₅ FeS ₄ nanocrystals with improved near infrared photothermal and Fenton effects for simultaneous imaging and therapy of tumor. <i>Journal of Colloid and Interface Science</i> , 2021, 592, 116-126.	5.0	26
414	Synergistic effect of sono-photocatalytic processes on sludge disintegration. <i>Korean Journal of Chemical Engineering</i> , 2021, 38, 1660-1668.	1.2	2
415	Advanced oxidation of landfill leachate: Removal of micropollutants and identification of by-products. <i>Journal of Hazardous Materials</i> , 2021, 413, 125326.	6.5	34

#	ARTICLE	IF	CITATIONS
416	Electrocoagulation and electro fenton and their applications in the processing of lindi water from landfill waste in campus area of Diponegoro University. Journal of Physics: Conference Series, 2021, 1943, 012170.	0.3	0
417	Improvement criteria for different advanced technologies towards bio-stabilized leachate based on molecular subcategories of DOM. Journal of Hazardous Materials, 2021, 414, 125463.	6.5	16
418	Leachate treatment: comparison of a bio-coagulant (<i>Opuntia ficus mucilage</i>) and conventional coagulants using multi-criteria decision analysis. Heliyon, 2021, 7, e07510.	1.4	4
419	The evolving trends of landfill leachate treatment research over the past 45 years. Environmental Science and Pollution Research, 2021, 28, 66556-66574.	2.7	16
420	Nanohybrids of Magnetically Intercalated Optical Metamaterials for Magnetic Resonance/Raman Imaging and <i>In Situ</i> Chemodynamic/Photothermal Therapy. ACS Applied Bio Materials, 2021, 4, 5742-5752.	2.3	18
421	Electro-Fenton approach for highly efficient degradation of the herbicide 2,4-dichlorophenoxyacetic acid from agricultural wastewater: Process optimization, kinetic and mechanism. Journal of Molecular Liquids, 2021, 334, 116116.	2.3	60
422	Environmental, human health, and economic implications of landfill leachate treatment for per- and polyfluoroalkyl substance removal. Journal of Environmental Management, 2021, 289, 112558.	3.8	20
423	Municipal solid waste leachate treatment using ultrasonication microwave & Ozonation combined Fenton process. Australian Journal of Civil Engineering, 2022, 20, 147-155.	0.6	3
424	Landfill leachate treatment by persulphate related advanced oxidation technologies. Journal of Hazardous Materials, 2021, 418, 126355.	6.5	69
425	Ultrathin CuFe ₂ S ₃ nanosheets derived from CuFe-layered double hydroxide as an efficient nanoagent for synergistic chemodynamic and NIR-II photothermal therapy. Chemical Engineering Journal, 2021, 419, 129458.	6.6	45
426	Enhanced complexation of humic acids: Homogenization of protonated groups in the hybrid ozonation-coagulation process. Chemosphere, 2021, 280, 130647.	4.2	18
427	Chemical safety assessment of transformation products of landfill leachate formed during the Fenton process. Journal of Hazardous Materials, 2021, 419, 126438.	6.5	3
428	Scaling control of forward osmosis-membrane distillation (FO-MD) integrated process for pre-treated landfill leachate treatment. Desalination, 2021, 520, 115342.	4.0	17
429	Degradation of sulfonated polyethylene by a bio-photo-fenton approach using glucose oxidase immobilized on titanium dioxide. Journal of Hazardous Materials, 2022, 423, 127067.	6.5	30
430	Bacterial diversity of leachates retained in adsorbents regenerated by wet catalytic peroxide oxidation: potential driving bioelectrochemical systems. International Journal of Environmental Science and Technology, 2021, 18, 2913-2924.	1.8	1
431	Sustainable approaches to the Fenton process for wastewater treatment: A review. Materials Today: Proceedings, 2021, 47, 1480-1484.	0.9	6
432	Analysis of possibilities of water environment assessment in the area of the landfillment of municipal waste. Inżynieria Ekologiczna, 2018, 19, 57-64.	0.2	1
433	Effective photochemical treatment of a municipal solid waste landfill leachate. PLoS ONE, 2020, 15, e0239433.	1.1	14

#	ARTICLE	IF	CITATIONS
434	Treatment of Landfill Leachate by Microwave-Fenton Oxidation Process Catalyzed by Fe ²⁺ Loaded on GAC. <i>Journal of Testing and Evaluation</i> , 2013, 41, 693-700.	0.4	5
435	EFFECT OF AGE AND SEASONAL VARIATIONS ON LEACHATE CHARACTERISTICS OF MUNICIPAL SOLID WASTE LANDFILL. <i>International Journal of Research in Engineering and Technology</i> , 2013, 02, 223-232.	0.1	71
436	Potential Use of Polyaluminium Chloride and Tobacco Leaf as Coagulant and Coagulant Aid in Post-Treatment of Landfill Leachate. <i>Avicenna Journal of Environmental Health Engineering</i> , 2015, In Press, .	0.3	4
437	Advances in Fenton and Fenton Based Oxidation Processes for Industrial Effluent Contaminants Control-A Review. <i>International Journal of Environmental Sciences & Natural Resources</i> , 2017, 2, .	0.3	39
439	Treatment of petroleum wastewater by conventional and new technologies A review. <i>Global Nest Journal</i> , 2017, 19, 439-452.	0.3	92
440	Efficiency of Electrochemical, Fenton and Electro-Fenton Processes on COD and TSS Removal from Leachate. <i>Journal of Environmental Science and Technology</i> , 2015, 8, 207-215.	0.3	4
441	Evaluation of new location of Isfahan's sanitary landfill site with Oleckno method. <i>International Journal of Environmental Health Engineering</i> , 2013, 2, 33.	0.4	2
442	Treatment of the High Concentration Nonylphenol Ethoxylates (NPEOs) Wastewater by Fenton Oxidation Process. <i>American Journal of Analytical Chemistry</i> , 2017, 08, 72-80.	0.3	4
443	Reuse of Ferric Sludge by Ferrous Sulfide in the Fenton Process for Nonylphenol Ethoxylates Wastewater Treatment. <i>Computational Water Energy and Environmental Engineering</i> , 2017, 06, 89-96.	0.4	5
444	Treatment of municipal solid waste landfill leachate by use of combined biological, physical and photochemical processes. , 0, 112, 218-231.		16
445	Assessment of Parameters Involved in Leachate Pollution Index and Evaluation of Contamination Potential of Pilot Scale Landfill Lysimeter using LPI. <i>Journal of Solid Waste Technology and Management</i> , 2013, 39, 51-70.	0.2	5
447	An overview of comparing chemical oxygen demand removal methods from landfill leachate. <i>International Archives of Health Sciences</i> , 2021, 8, 127.	0.1	0
448	Combining Coagulation and Electrocoagulation with UVA-LED Photo-Fenton to Improve the Efficiency and Reduce the Cost of Mature Landfill Leachate Treatment. <i>Molecules</i> , 2021, 26, 6425.	1.7	7
449	A review on sustainable reuse applications of Fenton sludge during wastewater treatment. <i>Frontiers of Environmental Science and Engineering</i> , 2022, 16, 1.	3.3	43
450	Control of Disinfection Byproduct Formation in Drinking Water by Ferrous Iron-Hydrogen Peroxide Oxidation. <i>Environmental Engineering Science</i> , 2022, 39, 105-113.	0.8	3
451	Assessing efficiency and economic viability in treating leachates emanating from the municipal landfill site at Gazipur, India. <i>Environmental Science and Pollution Research</i> , 2023, 30, 71813-71825.	2.7	3
452	Advanced nitrogen removal from landfill leachate via a two-stage combined process of partial nitrification-Anammox (PNA) and partial denitrification-Anammox (PDA). <i>Science of the Total Environment</i> , 2022, 810, 151186.	3.9	20
453	Optimization for Fenton Process in Removal of COD for Landfill Leachate Treatment. <i>International Journal of Environmental Science and Development</i> , 2015, 6, 920-924.	0.2	2

#	ARTICLE	IF	CITATIONS
454	Using Fenton Oxidation Method to Advanced Treatment of Landfill Leachate. Open Chemical Engineering Journal, 2015, 9, 58-61.	0.4	1
455	Removal of COD, Ammoniacal Nitrogen and Colour from Stabilized Landfill Leachate by Anaerobic Organism. , 2016, , 247-267.		0
456	Treatment of Landfill Leachate by Anammox Process. Advances in Environmental Engineering and Green Technologies Book Series, 2017, , 290-311.	0.3	0
457	Ozonation With Catalyst in Landfill Leachate Treatment. Advances in Environmental Engineering and Green Technologies Book Series, 2019, , 324-354.	0.3	0
458	Advanced Oxidation Processes (AOPs) in Landfill Leachate Treatment. Advances in Environmental Engineering and Green Technologies Book Series, 2019, , 355-383.	0.3	0
459	Synthesis of Fe ₃ O ₄ -Reduced Graphene Oxide Modified Tissue-Paper and Application in the Treatment of Methylene Blue. VNU Journal of Science Natural Sciences and Technology, 2019, 35, .	0.1	0
460	Recent advances on endogenous/exogenous stimuli-triggered nanoplatforams for enhanced chemodynamic therapy. Coordination Chemistry Reviews, 2022, 451, 214267.	9.5	89
461	Waste-Activated Sludge Treatment Processes. Advances in Environmental Engineering and Green Technologies Book Series, 2020, , 241-263.	0.3	0
462	Treatment of Landfill Leachate by Anammox Process. , 2020, , 1169-1191.		0
463	Emerging Contaminants in Landfill Leachate and Their Treatment Methods. Advances in Environmental Engineering and Green Technologies Book Series, 2020, , 152-175.	0.3	0
464	S ₂ O ₈ ²⁻ suyundan foto-elektro-Fenton yöntemi ile KO ₂ ve Renk giderimi üzerine akşam yoğunluğu ve pH etkisi. Ömer Halisdemir Üniversitesi Mühendislik Bilimleri Dergisi, 0, , .	0.2	0
465	Novel combined IME-O ₃ /OH [•] /H ₂ O ₂ process in application for mature landfill leachate treatment. Journal of Water Process Engineering, 2022, 45, 102441.	2.6	8
466	Mitochondria-Targeting MoS ₂ -Based Nanoagents for Enhanced NIR-II Photothermal-Chemodynamic Synergistic Oncotherapy. ACS Applied Materials & Interfaces, 2021, 13, 55928-55938.	4.0	26
467	Recent advances in enhancing reactive oxygen species based chemodynamic therapy. Chinese Chemical Letters, 2022, 33, 2213-2230.	4.8	35
468	Prospects of cleaning filtrates by aerobic-reagent method on the example of Lviv region. Environmental Problems, 2021, 6, 264-269.	0.0	0
469	Boosting heterogeneous Fenton reactions for degrading organic dyes via the photothermal effect under neutral conditions. Environmental Science: Nano, 2022, 9, 532-541.	2.2	16
470	Pyrite-activated persulfate oxidation and biological denitrification for effluent of biological landfill leachate treatment system. Journal of Environmental Management, 2022, 304, 114290.	3.8	25
471	Removal of refractory organics and heavy metals in landfill leachate concentrate by peroxi-coagulation process. Journal of Environmental Sciences, 2022, 116, 43-51.	3.2	27

#	ARTICLE	IF	CITATIONS
472	Temporal variation in leachate composition of a newly constructed landfill site in Lahore in context to environmental pollution and risks. <i>Environmental Science and Pollution Research</i> , 2022, , 1.	2.7	1
473	Chemical remediation and advanced oxidation process of polychlorinated biphenyls in contaminated soils: a review. <i>Environmental Science and Pollution Research</i> , 2022, 29, 22930-22945.	2.7	12
474	Bioaugmentation process for the treatment of leachate collected from controlled landfills in Fez city-Morocco. <i>International Journal of Environmental Studies</i> , 2023, 80, 1660-1672.	0.7	0
475	Review "Electrochemical Separation of Organic and Inorganic Contaminants in Wastewater. <i>Journal of the Electrochemical Society</i> , 2022, 169, 033505.	1.3	7
476	Advanced oxidation process based on hydroxyl and sulfate radicals to degrade refractory organic pollutants in landfill leachate. <i>Chemosphere</i> , 2022, 297, 134214.	4.2	56
477	Application of a Fenton process after a biological nitrification treatment: A successful case for leachate treatment. <i>Case Studies in Chemical and Environmental Engineering</i> , 2022, 5, 100208.	2.9	3
479	Optimization of Fenton process for concurrent COD removal and lower sludge production: Process intensification and impact of reagents dosing mode. <i>Journal of Environmental Management</i> , 2022, 315, 115207.	3.8	7
480	Comparison of various technologies used to eliminate nitrogen from wastewater: A review. <i>Journal of Water Process Engineering</i> , 2022, 48, 102885.	2.6	11
481	Coordination-driven Cu-based Fenton-like process for humic acid treatment in wastewater. <i>Science of the Total Environment</i> , 2022, 838, 156462.	3.9	16
482	A review on the effects of landfill leachate on the physical and mechanical properties of compacted clay liners for municipality landfills. <i>Arabian Journal of Geosciences</i> , 2022, 15, .	0.6	4
483	Advanced Reduction Processes for Degradation of Refractory Organics in Landfill Leachate. <i>Journal of Environmental Engineering, ASCE</i> , 2022, 148, .	0.7	3
484	Construction of a hetero-junction recyclable composite photocatalyst from aluminum-based waste/magnetite for efficient carbamate insecticide oxidation. <i>Environmental Science: Water Research and Technology</i> , 2022, 8, 1874-1894.	1.2	2
485	Removal efficiency of organic contaminants in landfill leachate contaminated groundwater under oxygen micro "nano bubble aeration. <i>Environmental Science: Water Research and Technology</i> , 2022, 8, 1836-1844.	1.2	1
486	Advancement and Challenges in Municipal Landfill Leachate Treatment "The Path Forward!. <i>ACS ES&T Water</i> , 2022, 2, 1289-1300.	2.3	15
487	A review on membrane concentrate management from landfill leachate treatment plants: The relevance of resource recovery to close the leachate treatment loop. <i>Waste Management and Research</i> , 2023, 41, 264-284.	2.2	20
488	Petrochemical Alcoholic Wastewater Treatment Using an Advanced Oxidation Process: An Intensified Process for Treating an Industrial Wastewater. <i>Arabian Journal for Science and Engineering</i> , 0, , .	1.7	2
489	An Overview of Physicochemical and Biological Treatment of Landfill Leachate. <i>Radionuclides and Heavy Metals in Environment</i> , 2022, , 115-152.	0.5	2
490	Photothermal activation of peroxydisulfate using iron nanoparticles/MXene@polyurethane sponge module for treatment of landfill leachate: From lab to pilot scale. <i>Chemical Engineering Journal</i> , 2023, 452, 139307.	6.6	6

#	ARTICLE	IF	CITATIONS
491	A short review on landfill leachate treatment technologies. <i>Materials Today: Proceedings</i> , 2022, 67, 1290-1297.	0.9	7
492	Degradation of antibiotics by electrochemical advanced oxidation processes (EAOPs): Performance, mechanisms, and perspectives. <i>Science of the Total Environment</i> , 2023, 856, 159092.	3.9	63
493	The Use of Advanced Oxidation Processes in the Treatment of Leachate. <i>Sinop Āœniversitesi Fen Bilimleri Dergisi</i> , 0, , .	0.4	0
494	The key role of crystal boron in enhanced degradation of refractory contaminants using heterogeneous Fe ³⁺ /SPC system. <i>Chemosphere</i> , 2022, , 137131.	4.2	1
495	Concentration of landfill leachate by solar driven surface vaporization performed on nanosecond-laser-treated titanium surface. <i>Journal of Environmental Chemical Engineering</i> , 2022, 10, 108909.	3.3	2
496	Future of Sustainable Landfilling Through Bioreactor Landfills: A Review. <i>Lecture Notes in Civil Engineering</i> , 2023, , 361-375.	0.3	0
497	Biological Treatment, Advanced Oxidation and Membrane Separation for Landfill Leachate Treatment: A Review. <i>Sustainability</i> , 2022, 14, 14427.	1.6	11
498	Confining Fe ₂ O ₃ in Silicalite-1 for effective catalytic activity in bias-assisted photo-Fenton system for nitrobenzene degradation. <i>Journal of Cleaner Production</i> , 2023, 383, 135525.	4.6	3
499	Impact of heat and contaminants transfer from landfills to permafrost subgrade in arctic climate: A review. <i>Cold Regions Science and Technology</i> , 2023, 206, 103737.	1.6	6
500	Co-treatment of landfill leachate with urban wastewater by chemical, physical and biological processes: Fenton oxidation preserves autochthonous bacterial community in the activated sludge process. <i>Chemosphere</i> , 2023, 313, 137578.	4.2	10
501	Immobilization of Magnetic Nanoparticles on Cellulosic Wooden Sawdust for Competitive Nudrin Elimination from Environmental Waters as a Green Strategy: Boxâ€™Behnken Design Optimization. <i>International Journal of Environmental Research and Public Health</i> , 2022, 19, 15397.	1.2	5
502	Operation of Different Reverse Osmosis (RO) Membrane Modules for the Treatment of High-Strength Wastewater to Enhance the Recovery of Clean Waterâ€™A Case Study in Bac Ninh, Vietnam. <i>Sustainability</i> , 2022, 14, 16105.	1.6	0
503	Reversing the pathological microenvironment by radiocatalytic sensitizer for local orthotopic osteosarcoma radiotherapy enhancement. <i>Nano Today</i> , 2023, 48, 101739.	6.2	5
504	Performance of heterogeneous Fenton catalyst from solid wastes for removal of emerging contaminant in water: A potential approach to circular economy. <i>Results in Engineering</i> , 2023, 18, 101086.	2.2	2
505	Regulating the charge density of Cu(I) single sites enriched on the surface of N ₃ c Vacancies-engineered g-C ₃ N ₄ for efficient Fenton-like reactions. <i>Separation and Purification Technology</i> , 2023, 314, 123525.	3.9	7
506	Impact of municipal solid waste landfill leachate on biogas production rate. <i>Journal of Environmental Management</i> , 2023, 336, 117643.	3.8	8
507	Fenton Reactionâ€™Unique but Still Mysterious. <i>Processes</i> , 2023, 11, 432.	1.3	8
508	Management of Agricultural Water Containing Acetimidothioic Acid Pesticide through Catalytic Oxidation to Facilitate Reclaimed Water Recycling for Sustainable Food Production. <i>Processes</i> , 2023, 11, 792.	1.3	0

#	ARTICLE	IF	CITATIONS
509	Coagulation Combined with Electro-Fe0/H2O2 Reaction for Effective Treatment of Landfill Leachate Effluent of Membrane Bioreactor. <i>Water (Switzerland)</i> , 2023, 15, 1158.	1.2	1
510	Analysis of the Capacity of the Fenton Process for the Treatment of Polluted Wastewater from the Leather Dyeing Industry. <i>Scientific World Journal, The</i> , 2023, 2023, 1-21.	0.8	1
511	Improving organic matter and nutrients removal and minimizing sludge production in landfill leachate pre-treatment by Fenton process through a comprehensive response surface methodology approach. <i>Journal of Environmental Management</i> , 2023, 340, 117950.	3.8	5
518	Advanced oxidation processes for wastewater treatment. , 2023, , 341-357.		0
526	Leachate Treatment in Brazil and Potential Technologies: A General Approach. , 2023, , 167-182.		0
528	Removal of pharmaceutically active compounds from wastewater by hybrid advanced oxidation processes. , 2023, , 187-223.		0
532	Translocations of Heavy Metals in Aquatic Macrophytes Naturally Grown in the Riverine Ecosystem. , 2023, , 221-235.		0
534	Effect of Electrode Materials in Decolorization of Dye-stuffs from Wastewater. , 2023, , 108-142.		0
537	Separation of microbial and organic pollutants from water using low-pressure tailor-made membranes. , 2024, , 327-352.		0