

Fatih Ilhan

List of Publications by Year in descending order

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papers

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all docs

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32
times ranked

879
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment of leachate by electrocoagulation using aluminum and iron electrodes. Journal of Hazardous Materials, 2008, 154, 381-389.	6.5	213
2	Decolorization and COD reduction of UASB pretreated poultry manure wastewater by electrocoagulation process: A post-treatment study. Journal of Hazardous Materials, 2009, 162, 120-132.	6.5	88
3	Feasibility of struvite recovery process for fertilizer industry: A study of financial and economic analysis. Journal of Cleaner Production, 2017, 152, 88-102.	4.6	87
4	Treatment of Domestic Wastewater by Electrocoagulation in a Cell with Fe ²⁺ /Fe Electrodes. Environmental Engineering Science, 2008, 25, 153-162.	0.8	50
5	A comparative optimization and performance analysis of four different electrocoagulation-flotation processes for humic acid removal from aqueous solutions. Chemical Engineering Research and Design, 2019, 121, 103-117.	2.7	38
6	Electrocoagulation process for the treatment of metal-plating wastewater: Kinetic modeling and energy consumption. Frontiers of Environmental Science and Engineering, 2019, 13, 1.	3.3	33
7	Investigation of Leachate Treatment with Electrocoagulation and Optimization by Response Surface Methodology. Clean - Soil, Air, Water, 2014, 42, 571-577.	0.7	29
8	Degradation of oxytetracycline in aqueous solution by heat-activated peroxydisulfate and peroxymonosulfate oxidation. Environmental Science and Pollution Research, 2022, 29, 9110-9123.	2.7	29
9	Optimization of energy costs in the pretreatment of olive mill wastewaters by electrocoagulation. Environmental Technology (United Kingdom), 2012, 33, 801-807.	1.2	28
10	Enhancing Biodegradability of Textile Wastewater by Ozonation Processes: Optimization with Response Surface Methodology. Ozone: Science and Engineering, 2018, 40, 465-472.	1.4	25
11	Treatability of raw textile wastewater using Fenton process and its comparison with chemical coagulation. , 0, 162, 142-148.		22
12	Evaluation of treatment and recovery of leachate by bipolar membrane electro dialysis process. Chemical Engineering and Processing: Process Intensification, 2014, 75, 67-74.	1.8	21
13	Fuzzy-logic modeling of Fenton TM s strong chemical oxidation process treating three types of landfill leachates. Environmental Science and Pollution Research, 2013, 20, 4235-4253.	2.7	17
14	Recovery of mixed acid and base from wastewater with bipolar membrane electro dialysis TM a case study. Desalination and Water Treatment, 2016, 57, 5165-5173.	1.0	17
15	Comparison of pH Adjustment and Electrocoagulation Processes on Treatability of Metal Plating Wastewater. Separation Science and Technology, 2014, 49, 613-618.	1.3	15
16	Evaluation of operational parameters and its relation on the stoichiometry of Fenton TM s oxidation to textile wastewater. Chemical Industry and Chemical Engineering Quarterly, 2017, 23, 11-19.	0.4	10
17	A comprehensive techno-economic analysis of income-generating sources on the conversion of real sheep slaughterhouse waste stream into valorized by-products. Journal of Environmental Management, 2022, 306, 114464.	3.8	9
18	Optimization of treatment leachates from young, middle-aged and elderly landfills with bipolar membrane electro dialysis. Environmental Technology (United Kingdom), 2017, 38, 2733-2742.	1.2	8

#	ARTICLE	IF	CITATIONS
19	Highlighting the cathodic contribution of an electrooxidation post-treatment study on decolorization of textile wastewater effluent pre-treated with a lab-scale moving bed-membrane bioreactor. <i>Environmental Science and Pollution Research</i> , 2021, 28, 25972-25983.	2.7	7
20	Application of combined EO/PMS/Me ²⁺ process in organic matter and true color removal from paint manufacturing industry wastewater. <i>Environmental Research</i> , 2022, 212, 113451.	3.7	7
21	Screening plant growth effects of sheep slaughterhouse waste-derived soil amendments in greenhouse trials. <i>Journal of Environmental Management</i> , 2022, 318, 115586.	3.8	6
22	Use of sheep slaughterhouse-derived struvite in the production of environmentally sustainable cement and fire-resistant wooden structures. <i>Journal of Cleaner Production</i> , 2022, 366, 132948.	4.6	6
23	The applicability of combined physico-chemical processes for treatment and reuse of synthetic textile reverse osmosis concentrate. , 0, 111, 111-124.		4
24	Vacuum-assisted thermal drying of wastewater treatment sludge. <i>Journal of the Air and Waste Management Association</i> , 2021, 71, 293-303.	0.9	3
25	Electrocatalytic degradation of oxytetracycline using three-dimensional electrode and optimization via fuzzy logic modeling. <i>Separation Science and Technology</i> , 2022, 57, 454-464.	1.3	3
26	Electrochemically activated persulfate and peroxymonosulfate for furfural removal: optimization using Box-Behnken design. <i>Environmental Technology (United Kingdom)</i> , 2023, 44, 1251-1264.	1.2	3
27	Different methods applied to remove pollutants from real epoxy paint wastewater: modeling using the response surface method. <i>Separation Science and Technology</i> , 2022, 57, 492-507.	1.3	2
28	Determination of Biological Treatability Processes of Textile Wastewater and Implementation of a Fuzzy Logic Model. <i>International Journal of Photoenergy</i> , 2015, 2015, 1-8.	1.4	1
29	Implementation of Fuzzy Logic Model on Textile Wastewater Treatment by Electrocoagulation Process. <i>Journal of Water Chemistry and Technology</i> , 2021, 43, 255-260.	0.2	1
30	Management and minimization of concentrated stream from electrodialysis processes (CED / BMED). <i>Pamukkale University Journal of Engineering Sciences</i> , 2018, 24, 500-505.	0.2	0
31	Hazardous waste management originated from environmental laboratories. <i>Sakarya University Journal of Science</i> , 0, , 1-1.	0.3	0
32	Decolorization of textile wastewater by electrooxidation process using different anode materials: Statistical optimization. <i>Water Environment Research</i> , 2022, 94, e1683.	1.3	0