

Orhan Taner Can

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

2,322
citations

623574

14
h-index

752573

20
g-index

23
all docs

23
docs citations

23
times ranked

1686
citing authors

#	ARTICLE	IF	CITATIONS
1	Treatment of textile wastewaters by electrocoagulation using iron and aluminum electrodes. <i>Journal of Hazardous Materials</i> , 2003, 100, 163-178.	6.5	610
2	Operating cost analysis of electrocoagulation of textile dye wastewater. <i>Separation and Purification Technology</i> , 2004, 37, 117-125.	3.9	366
3	Treatment of the textile wastewater by combined electrocoagulation. <i>Chemosphere</i> , 2006, 62, 181-187.	4.2	300
4	Decolorization of Reactive Dye Solutions by Electrocoagulation Using Aluminum Electrodes. <i>Industrial & Engineering Chemistry Research</i> , 2003, 42, 3391-3396.	1.8	269
5	Treatment of levafix orange textile dye solution by electrocoagulation. <i>Journal of Hazardous Materials</i> , 2006, 132, 183-188.	6.5	216
6	A comparative study of electrocoagulation and electro-Fenton for treatment of wastewater from liquid organic fertilizer plant. <i>Separation and Purification Technology</i> , 2013, 112, 11-19.	3.9	99
7	Phosphorus removal from domestic wastewater in electrocoagulation reactor using aluminium and iron plate hybrid anodes. <i>Ecological Engineering</i> , 2018, 123, 65-73.	1.6	96
8	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
9	The effect of process conditions on the treatment of benzoquinone solution by electrocoagulation. <i>Journal of Hazardous Materials</i> , 2010, 173, 731-736.	6.5	45
10	Comparison of the effects of various supporting electrolytes on the treatment of a dye solution by electrocoagulation process. <i>Colloids and Interface Science Communications</i> , 2019, 33, 100210.	2.0	45
11	COD removal from fruit-juice production wastewater by electrooxidation electrocoagulation and electro-Fenton processes. <i>Desalination and Water Treatment</i> , 2014, 52, 65-73.	1.0	42
12	TOC and COD removal from instant coffee and coffee products production wastewater by chemical coagulation assisted electrooxidation. <i>Journal of Water Process Engineering</i> , 2019, 28, 28-35.	2.6	37
13	Treatment of hydroquinone by photochemical oxidation and electrocoagulation combined process. <i>Journal of Water Process Engineering</i> , 2015, 8, 45-54.	2.6	31
14	Peroxydisulfate activation by in-situ synthesized Fe ₃ O ₄ nanoparticles for degradation of atrazine: Performance and mechanism. <i>Separation and Purification Technology</i> , 2020, 247, 116925.	3.9	30
15	A Comparative Study on the Structure-Performance Relationships of Chemically and Electrochemically Coagulated Al(OH) ₃ Floccs. <i>Industrial & Engineering Chemistry Research</i> , 2014, 53, 3528-3538.	1.8	13
16	The role of dye molecular weight on the decolorization performance of the electrocoagulation. <i>Environment, Development and Sustainability</i> , 2021, 23, 3917-3928.	2.7	11
17	Electrocoagulation for nitrate removal in groundwater of intensive agricultural region: a case study of Harran plain, Turkey. <i>Environmental Earth Sciences</i> , 2021, 80, 1.	1.3	11
18	Treatment of intermediate landfill leachate using different anode materials in electrooxidation process. <i>Environmental Progress and Sustainable Energy</i> , 2022, 41, e13722.	1.3	10

#	ARTICLE	IF	CITATIONS
19	Organic pollutant removal from edible oil process wastewater using electrocoagulation. IOP Conference Series: Earth and Environmental Science, 2018, 142, 012079.	0.2	5
20	Anodic Oxidation of Effluents from Stages of MBR-UF Municipal Landfill Leachate Treatment Plant. Environmental Engineering Science, 2020, 37, 702-714.	0.8	4
21	Mineralization of o-tolidine by electrooxidation with BDD, Ti/Pt and MMO anodes. , 0, 141, 377-385.		3
22	Fenol Azeltisinin Farkl Elektrotlar Kullanlarak Elektrooksidasyonu. Bitlis Eren Aniversitesi Fen Bilimleri Dergisi, 2020, 9, 952-957.	0.1	1
23	Removal of TOC from fertilizer production wastewater by electrooxidation. Desalination and Water Treatment, 0, , 1-9.	1.0	0