Francisca C Moreira

List of Publications by Year
in descending order

28	3,064	331538	501076
papers	citations	21 h-index	28 g-index

28	28	28	3406
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Electrochemical advanced oxidation processes: A review on their application to synthetic and real wastewaters. Applied Catalysis B: Environmental, 2017, 202, 217-261.	10.8	1,579
2	Decolorization and mineralization of Sunset Yellow FCF azo dye by anodic oxidation, electro-Fenton, UVA photoelectro-Fenton and solar photoelectro-Fenton processes. Applied Catalysis B: Environmental, 2013, 142-143, 877-890.	10.8	172
3	Degradation of the antibiotic trimethoprim by electrochemical advanced oxidation processes using a carbon-PTFE air-diffusion cathode and a boron-doped diamond or platinum anode. Applied Catalysis B: Environmental, 2014, 160-161, 492-505.	10.8	169
4	Tertiary treatment of a municipal wastewater toward pharmaceuticals removal by chemical and electrochemical advanced oxidation processes. Water Research, 2016, 105, 251-263.	5.3	115
5	Incorporation of electrochemical advanced oxidation processes in a multistage treatment system for sanitary landfill leachate. Water Research, 2015, 81, 375-387.	5.3	103
6	Enhancement of the photo-Fenton reaction at near neutral pH through the use of ferrioxalate complexes: A case study on trimethoprim and sulfamethoxazole antibiotics removal from aqueous solutions. Chemical Engineering Journal, 2014, 247, 302-313.	6.6	100
7	Biodegradability enhancement of a pesticide-containing bio-treated wastewater using a solar photo-Fenton treatment step followed by a biological oxidation process. Water Research, 2012, 46, 4599-4613.	5.3	82
8	Degradation of trimethoprim antibiotic by UVA photoelectro-Fenton process mediated by Fe(III)â€“carboxylate complexes. Applied Catalysis B: Environmental, 2015, 162, 34-44.	10.8	79
9	Remediation of a winery wastewater combining aerobic biological oxidation and electrochemical advanced oxidation processes. Water Research, 2015, 75, 95-108.	5.3	68
10	Electrochemical advanced oxidation processes for sanitary landfill leachate remediation: Evaluation of operational variables. Applied Catalysis B: Environmental, 2016, 182, 161-171.	10.8	66
11	A step forward in heterogeneous photocatalysis: Process intensification by using a static mixer as catalyst support. Chemical Engineering Journal, 2018, 343, 597-606.	6.6	57
12	Chemical and electrochemical advanced oxidation processes as a polishing step for textile wastewater treatment: A study regarding the discharge into the environment and the reuse in the textile industry. Journal of Cleaner Production, 2018, 198, 430-442.	4.6	57
13	Towards sustainable microalgal biomass production by phycoremediation of a synthetic wastewater: A kinetic study. Algal Research, 2015, 11, 350-358.	2.4	56
14	Application of biological oxidation and solar driven advanced oxidation processes to remediation of winery wastewater. Catalysis Today, 2013, 209, 201-208.	2.2	55
15	Nitrogen Removal from Landfill Leachate by Microalgae. International Journal of Molecular Sciences, 2016, 17, 1926.	1.8	42
16	Treatment of a pesticide-containing wastewater using combined biological and solar-driven AOPs at pilot scale. Chemical Engineering Journal, 2012, 209, 429-441.	6.6	41
17	Integration of Fenton's reaction based processes and cation exchange processes in textile wastewater treatment as a strategy for water reuse. Journal of Environmental Management, 2020, 272, 111082.	3.8	33
18	Sulphur compounds removal from an industrial landfill leachate by catalytic oxidation and chemical precipitation: From a hazardous effluent to a value-added product. Science of the Total Environment, 2019, 655, 1249-1260.	3.9	27

#	Article	IF	Citations
19	Single and combined electrochemical oxidation driven processes for the treatment of slaughterhouse wastewater. Journal of Cleaner Production, 2020, 270, 121858.	4.6	27
20	Development of an integrated treatment strategy for a leather tannery landfill leachate. Waste Management, 2019, 89, 114-128.	3.7	26
21	Selecting the best piping arrangement for scaling-up an annular channel reactor: An experimental and computational fluid dynamics study. Science of the Total Environment, 2019, 667, 821-832.	3.9	25
22	Advances in bromate reduction by heterogeneous photocatalysis: The use of a static mixer as photocatalyst support. Applied Catalysis B: Environmental, 2019, 249, 322-332.	10.8	18
23	Development of a treatment train for the remediation of a hazardous industrial waste landfill leachate: A big challenge. Science of the Total Environment, 2020, 741, 140165.	3.9	14
24	Incorporation of ozone-driven processes in a treatment line for a leachate from a hazardous industrial waste landfill: Impact on the bio-refractory character and dissolved organic matter distribution. Journal of Environmental Chemical Engineering, 2021, 9, 105554.	3.3	14
25	Bromate removal from water intended for human consumption by heterogeneous photocatalysis: Effect of major dissolved water constituents. Chemosphere, 2021, 263, 128111.	4.2	12
26	Photo-Fenton oxidation of 3-amino-5-methylisoxazole: a by-product from biological breakdown of some pharmaceutical compounds. Environmental Science and Pollution Research, 2017, 24, 6195-6204.	2.7	10
27	Multistage treatment for olive mill wastewater: Assessing legal compliance and operational costs. Journal of Environmental Chemical Engineering, 2022, 10, 107442.	3.3	9
28	Finding a suitable treatment solution for a leachate from a non-hazardous industrial solid waste landfill. Journal of Environmental Chemical Engineering, 2021, 9, 105168.	3.3	8