Juan M Peralta-HernÃ¡ndez

List of Publications by Year
in descending order

21 papers	755 citations	567281 15 h-index	713466 21 g-index
21 all docs	21 docs citations	21 times ranked	830 citing authors

#	Article	IF	Citations
1	A critical review on paracetamol removal from different aqueous matrices by Fenton and Fenton-based processes, and their combined methods. Chemosphere, 2022, 303, 134883.	8.2	31
2	Discoloration of azo dye Brown HT using different advanced oxidation processes. Chemosphere, 2021, 267, 129234.	8.2	31
3	Comparison and statistical analysis for post-tanning synthetic wastewater degradation using different electrochemical processes. Chemical Engineering and Processing: Process Intensification, 2021, 159, 108244.	3.6	8
4	Electro-Fenton mineralization of diazo dye Black NT2 using a pre-pilot flow plant. Journal of Electroanalytical Chemistry, 2021, 895, 115492.	3.8	16
5	Electrochemical oxidation technology to treat textile wastewaters. Current Opinion in Electrochemistry, 2021, 29, 100806.	4.8	46
6	Enhanced Photocatalytic Activity of TiO₂ Modified with GaI toward Environmental Application. Inorganic Chemistry, 2020, 59, 1315-1322.	4.0	9
7	Electrochemical advanced oxidation discoloration and removal of three brown diazo dyes used in the tannery industry. Journal of Electroanalytical Chemistry, 2020, 873, 114360.	3.8	47
8	Simultaneous Electrochemical Generation of Ferrate and Oxygen Radicals to Blue BR Dye Degradation. Processes, 2020, 8, 753.	2.8	9
9	Proposal for highly efficient electrochemical discoloration and degradation of azo dyes with parallel arrangement electrodes. Journal of Electroanalytical Chemistry, 2019, 838, 195-203.	3.8	52
10	Comparative study for degradation of industrial dyes by electrochemical advanced oxidation processes with BDD anode in a laboratory stirred tank reactor. Chemosphere, 2018, 205, 682-689.	8.2	76
11	Coupling of the electrochemical oxidation (EO-BDD)/photocatalysis (TiO2-Fe-N) processes for degradation of acid blue BR dye. Journal of Electroanalytical Chemistry, 2018, 808, 180-188.	3.8	25
12	Production of free radicals by the Co2+/Oxone system to carry out diclofenac degradation in aqueous medium. Water Science and Technology, 2018, 78, 2131-2140.	2.5	11
13	ElectrocoagulaciÃ³n de soluciones de Ãndigo carmÃn empleando Ã¡nodos de magnesio y de aleaciÃ³n AZ31. DYNA (Colombia), 2018, 85, 258-267.	0.4	2
14	Genetic algorithm and artificial neural network model for prediction of discoloration dye from an electro-oxidation process in a press-type reactor. Water Science and Technology, 2018, 78, 925-935.	2.5	12
15	Decolorization and degradation of reactive yellow HF aqueous solutions by electrochemical advanced oxidation processes. Environmental Science and Pollution Research, 2017, 24, 12506-12514.	5.3	15
16	Diazo dye Congo Red degradation using a Boron-doped diamond anode: An experimental study on the effect of supporting electrolytes. Journal of Hazardous Materials, 2016, 319, 78-83.	12.4	75
17	Up to 95Â% reduction of chemical oxygen demand of slaughterhouse effluents using Fenton and photo-Fenton oxidation. Environmental Chemistry Letters, 2016, 14, 149-154.	16.2	21
18	Applying electro-Fenton process as an alternative to a slaughterhouse effluent treatment. Journal of Electroanalytical Chemistry, 2015, 754, 80-86.	3.8	23

#	Article	IF	Citations
19	Application of electrochemical/BDD process for the treatment wastewater effluents containing pharmaceutical compounds. Journal of Industrial and Engineering Chemistry, 2015, 31, 238-243.	5.8	71
20	Characterization of ferrate ion electrogeneration in acidic media by voltammetry and scanning electrochemical microscopy. Assessment of its reactivity on 2,4-dichlorophenoxyacetic acid degradation. Electrochimica Acta, 2012, 64, 196-204.	5.2	22
21	Application of solar photoelectro-Fenton technology to azo dyes mineralization: Effect of current density, Fe2+ and dye concentrations. Chemical Engineering Journal, 2011, 171, 385-392.	12.7	153