Dorian Prato Garcia

List of Publications by Citations

18 papers	391 citations	11 h-index	18 g-index
18 ext. papers	436 ext. citations	6.8 avg, IF	3.81 L-index

#	Paper	IF	Citations
18	Characterization and detoxification of a mature landfill leachate using a combined coagulation-flocculation/photo Fenton treatment. *Journal of Hazardous Materials*, **2012**, 205-206, 208-15	12.8	78
17	A ferrous oxalate mediated photo-Fenton system: toward an increased biodegradability of indigo dyed wastewaters. *Journal of Hazardous Materials*, **2012**, 243, 292-301	12.8	76
16	Solar photoassisted advanced oxidation of synthetic phenolic wastewaters using ferrioxalate complexes. *Solar Energy*, **2009**, 83, 306-315	6.8	37
15	Photo-Fenton processes in raceway reactors: Technical, economic, and environmental implications during treatment of colored wastewaters. *Journal of Cleaner Production*, **2018**, 182, 818-829	10.3	35
14	Azo dye decolorization assisted by chemical and biogenic sulfide. *Journal of Hazardous Materials*, **2013**, 250-251, 462-8	12.8	31
13	Biohydrogen production from tequila vinasses using a fixed bed reactor. *Water Science and Technology*, **2014**, 70, 1919-25	2.2	31
12	Remediation of Diquat-Contaminated Water by Electrochemical Advanced Oxidation Processes Using Boron-Doped Diamond (BDD) Anodes. *Water, Air, and Soil Pollution*, **2017**, 228, 1	2.6	19
11	Degradation of azo dye mixtures through sequential hybrid systems: Evaluation of three advanced oxidation processes for the pre-treatment stage. *Journal of Photochemistry and Photobiology A: Chemistry*, **2011**, 223, 103-110	4.7	18
10	Decolorization of reactive dyes in solar pond reactors: Perspectives and challenges for the textile industry. *Journal of Environmental Management*, **2017**, 198, 203-212	7.9	17
9	Ferrioxalate-Mediated Processes **2018**, 89-113		13
8	Improvement of the robustness of solar photo-Fenton processes using chemometric techniques for the decolorization of azo dye mixtures. *Journal of Environmental Management*, **2013**, 131, 66-73	7.9	11
7	How does intensification influence the operational and environmental performance of photo-Fenton processes at acidic and circumneutral pH. *Environmental Science and Pollution Research*, **2019**, 26, 4367-4380	5.1	7
6	Treatment of synthetic dye baths by Fenton processes: evaluation of their environmental footprint through life cycle assessment. *Environmental Science and Pollution Research*, **2019**, 26, 4300-4311	5.1	6
5	Electro-oxidation of a Commercial Formulation of Glyphosate on Boron-Doped Diamond Electrodes in a Pre-pilot-Scale Single-Compartment Cell. *Water, Air, and Soil Pollution*, **2021**, 232, 1	2.6	6
4	Solar Photo-Assisted Degradation of Bipyridinium Herbicides at Circumneutral pH: A Life Cycle Assessment Approach. *Processes*, **2020**, 8, 1117	2.9	4
3	Treatment of a synthetic colored effluent in raceway reactors: The role of operational conditions on the environmental performance of a photo-Fenton process. *Science of the Total Environment*, **2019**, 697, 134182	10.2	2
2	A simplified strategy based on the house of quality to prioritize farming practices under variable weather conditions. *Quality Management Journal*,1-17	2.3	

1	Can thermal intensification be considered a sustainable way for greening Fenton processes?. *Journal of Environmental Management*, **2021**, 289, 112551	7.9