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List of Publications by Year
in descending order

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59 papers	3,325 citations	186265 28 h-index	189892 50 g-index
60 all docs	60 docs citations	60 times ranked	3544 citing authors

#	Article	IF	Citations
1	Decolorization of the azo dye Reactive Black 5 by Fenton and photo-Fenton oxidation. Dyes and Pigments, 2006, 71, 236-244.	3.7	637
2	Treatment of winery wastewater by ozone-based advanced oxidation processes (O3, O3/UV and) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 Purification Technology, 2010, 72, 235-241.	7.9	276
3	Mature landfill leachate treatment by coagulation/flocculation combined with Fenton and solar photo-Fenton processes. Journal of Hazardous Materials, 2015, 286, 261-268.	12.4	239
4	Removal of COD from olive mill wastewater by Fenton's reagent: Kinetic study. Journal of Hazardous Materials, 2009, 168, 1253-1259.	12.4	196
5	Degradation of a textile reactive Azo dye by a combined chemicalâ€“biological process: Fenton's reagent-yeast. Water Research, 2007, 41, 1103-1109.	11.3	166
6	Degradation of Reactive Black 5 by Fenton/UV-C and ferrioxalate/H2O2/solar light processes. Dyes and Pigments, 2007, 74, 622-629.	3.7	151
7	Application of Advanced Oxidation Processes for the Treatment of Recalcitrant Agro-Industrial Wastewater: A Review. Water (Switzerland), 2019, 11, 205.	2.7	149
8	Biodegradation of the diazo dye Reactive Black 5 by a wild isolate of Candida oleophila. Enzyme and Microbial Technology, 2006, 39, 51-55.	3.2	97
9	Ozonation kinetics of winery wastewater in a pilot-scale bubble column reactor. Water Research, 2009, 43, 1523-1532.	11.3	81
10	Treatment of winery wastewater by sulphate radicals: HSO 5 â˜’ /transition metal/UV-A LEDs. Chemical Engineering Journal, 2017, 310, 473-483.	12.7	79
11	Microbiological and physicochemical characterization of olive mill wastewaters from a continuous olive mill in Northeastern Portugal. Bioresource Technology, 2008, 99, 7215-7223.	9.6	69
12	Photocatalytic degradation of Reactive Black 5 with TiO2-coated magnetic nanoparticles. Catalysis Today, 2013, 209, 116-121.	4.4	69
13	Tertiary treatment of pulp mill wastewater by solar photo-Fenton. Journal of Hazardous Materials, 2012, 225-226, 173-181.	12.4	63
14	Winery wastewater treatment by sulphate radical based-advanced oxidation processes (SR-AOP): Thermally vs UV-assisted persulphate activation. Chemical Engineering Research and Design, 2019, 122, 94-101.	5.6	63
15	Solar Photochemical Treatment of Winery Wastewater in a CPC Reactor. Journal of Agricultural and Food Chemistry, 2009, 57, 11242-11248.	5.2	55
16	Combination of long term aerated storage and chemical coagulation/flocculation to winery wastewater treatment. Desalination, 2010, 263, 226-232.	8.2	54
17	Treatment of pulp mill wastewater by Cryptococcus podzolicus and solar photo-Fenton: A case study. Chemical Engineering Journal, 2014, 245, 158-165.	12.7	54
18	Disinfection of simulated and real winery wastewater using sulphate radicals: Peroxymonosulphate/transition metal/UV-A LED oxidation. Journal of Cleaner Production, 2017, 149, 805-817.	9.3	53

#	Article	IF	Citations
19	Combined treatment of olive mill wastewater by Fenton's reagent and anaerobic biological process. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2015, 50, 161-168.	1.7	49
20	Inactivation of pathogenic microorganisms in freshwater using HSO5â˜'/UV-A LED and HSO5â˜'/Mn+/UV-A LED oxidation processes. Water Research, 2017, 123, 113-123.	11.3	47
21	Inactivation of water pathogens with solar photo-activated persulfate oxidation. Chemical Engineering Journal, 2020, 381, 122275.	12.7	47
22	Treatment of crystallized-fruit wastewater by UV-A LED photo-Fenton and coagulationâ€"flocculation. Chemosphere, 2016, 145, 351-359.	8.2	43
23	Winery wastewater treatment by combination of Cryptococcus laurentii and Fentonâ€™s reagent. Chemosphere, 2014, 117, 53-58.	8.2	37
24	Photocatalytic degradation of an agro-industrial wastewater model compound using a UV LEDs system: kinetic study. Journal of Environmental Management, 2020, 269, 110740.	7.8	36
25	Photocatalytic oxidation of Reactive Black 5 with UV-A LEDs. Journal of Environmental Chemical Engineering, 2016, 4, 109-114.	6.7	35
26	Treatment of concentrated fruit juice wastewater by the combination of biological and chemical processes. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2012, 47, 1809-1817.	1.7	34
27	Treatment of olive mill wastewater by a combined process: Fenton's reagent and chemical coagulation. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2009, 44, 198-205.	1.7	32
28	Pillared interlayered natural clays as heterogeneous photocatalysts for H2O2-assisted treatment of a winery wastewater. Separation and Purification Technology, 2019, 228, 115768.	7.9	31
29	Biodegradation of olive mill wastewaters by a wild isolate of Candida oleophila. International Biodeterioration and Biodegradation, 2012, 68, 45-50.	3.9	29
30	Intensification of ozonation processes in a novel, compact, multi-orifice oscillatory baffled column. Chemical Engineering Journal, 2016, 296, 335-339.	12.7	28
31	Winery wastewater treatment by a combined process: long term aerated storage and Fenton's reagent. Water Science and Technology, 2009, 60, 1089-1095.	2.5	27
32	Oxidation of winery wastewater by sulphate radicals: catalytic and solar photocatalytic activations. Environmental Science and Pollution Research, 2017, 24, 22414-22426.	5.3	27
33	Hydroxyl and sulfate radical advanced oxidation processes: Application to an agro-industrial wastewater. Environmental Technology and Innovation, 2021, 21, 101183.	6.1	26
34	Combination of Coagulationâ€"Flocculationâ€"Decantation and Ozonation Processes for Winery Wastewater Treatment. International Journal of Environmental Research and Public Health, 2021, 18, 8882.	2.6	26
35	Removal of Emerging Contaminants by Fenton and UV-Driven Advanced Oxidation Processes. Water, Air, and Soil Pollution, 2015, 226, 1.	2.4	25
36	Gallic acid photochemical oxidation as a model compound of winery wastewaters. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2008, 43, 1288-1295.	1.7	20

#	Article	IF	Citations
37	Microalgae and immobilized TiO2/UV-A LEDs as a sustainable alternative for winery wastewater treatment. Water Research, 2021, 203, 117464.	11.3	20
38	Treatment of high strength olive mill wastewater by Fenton's reagent and aerobic biological process. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2013, 48, 954-962.	1.7	17
39	Treatment of Winery Wastewater with a Combination of Adsorption and Thermocatalytic Processes. Processes, 2022, 10, 75.	2.8	17
40	Photocatalytic discolouration of Reactive Black 5 by UV-A LEDs and solar radiation. Journal of Environmental Chemical Engineering, 2015, 3, 2948-2956.	6.7	15
41	Combination of adsorption and heterogeneous photo-Fenton processes for the treatment of winery wastewater. Environmental Science and Pollution Research, 2019, 26, 31000-31013.	5.3	15
42	Advanced Oxidation Processes as sustainable technologies for the reduction of elderberry agro-industrial water impact. Water Resources and Industry, 2020, 24, 100137.	3.9	15
43	Wireless UV-A LEDs-driven AOP in the treatment of agro-industrial wastewaters. Environmental Research, 2021, 200, 111430.	7.5	14
44	Decolorization of Azo Dyes by Yeasts. Handbook of Environmental Chemistry, 2010, , 183-193.	0.4	12
45	Textile Dye Removal by Acacia dealbata Link. Pollen Adsorption Combined with UV-A/NTA/Fenton Process. Topics in Catalysis, 2022, 65, 1045-1061.	2.8	11
46	Food By-Product Valorization by Using Plant-Based Coagulants Combined with AOPs for Agro-Industrial Wastewater Treatment. International Journal of Environmental Research and Public Health, 2022, 19, 4134.	2.6	8
47	Treatment of Agro-Industrial Wastewaters by Coagulation-Flocculation-Decantation and Advanced Oxidation Processesâ€"A literature Review. , 0, , .		7
48	Catalytic Activity of Porous Phosphate Heterostructures-Fe towards Reactive Black 5 Degradation. International Journal of Photoenergy, 2013, 2013, 1-6.	2.5	6
49	Effect of Zr Impregnation on Clay-Based Materials for H2O2-Assisted Photocatalytic Wet Oxidation of Winery Wastewater. Water (Switzerland), 2020, 12, 3387.	2.7	6
50	Advanced Oxidation Processes for Water and Wastewater Treatment. Water (Switzerland), 2021, 13, 1309.	2.7	4
51	Aerobic Biological Treatment of Chestnut Processing Wastewater. Water, Air, and Soil Pollution, 2012, 223, 3721-3728.	2.4	2
52	Application of Combined Coagulationâ€"Flocculationâ€"Decantation/Photo-Fenton/Adsorption Process for Winery Wastewater Treatment. , 0, , .		2
53	Combination of Coagulation-Flocculation-Decantation with Sulfate Radicals for Agro-Industrial Wastewater Treatment. , 0, , .		2
54	Application of NaCl Plant Extracts to Decrease the Costs of Microfiltration for Winery Wastewater Treatment. , 0, , .		1

#	Article	IF	Citations
55	Removal of Methylene Blue from Aqueous Solution by Application of Plant-Based Coagulants. , 0, , .		1
56	Combination of Adsorption in Natural Clays and Photo-Catalytic Processes for Winery Wastewater Treatment. Advances in Science, Technology and Innovation, 2021, , 291-294.	0.4	0
57	Application of Ferrocene in the Treatment of Winery Wastewater in a Heterogeneous Photo-Fenton Process. , 0, , .		0
58	Treatment of Winery Wastewater by an EDDS-Photo-Fenton Process: Assessment of UV-C, UV-A and Solar Radiation. , 0, , .		0
59	Treatment of Municipal Activated Sludge by Ultrasound-Fenton Process. , 0, , .		0