

Josã© A Peres

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1157457/publications.pdf>

Version: 2024-02-01

77
papers

4,009
citations

159358

30
h-index

118652

62
g-index

78
all docs

78
docs citations

78
times ranked

4298
citing authors

#	ARTICLE	IF	CITATIONS
1	Decolorization of the azo dye Reactive Black 5 by Fenton and photo-Fenton oxidation. <i>Dyes and Pigments</i> , 2006, 71, 236-244.	2.0	637
2	Treatment of winery wastewater by ozone-based advanced oxidation processes (O ₃ , O ₃ /UV and Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 7 Purification Technology, 2010, 72, 235-241.	3.9	276
3	Mature landfill leachate treatment by coagulation/flocculation combined with Fenton and solar photo-Fenton processes. <i>Journal of Hazardous Materials</i> , 2015, 286, 261-268.	6.5	239
4	Removal of COD from olive mill wastewater by Fenton's reagent: Kinetic study. <i>Journal of Hazardous Materials</i> , 2009, 168, 1253-1259.	6.5	196
5	Degradation of a textile reactive Azo dye by a combined chemicalâ€“biological process: Fenton's reagent-yeast. <i>Water Research</i> , 2007, 41, 1103-1109.	5.3	166
6	Degradation of Reactive Black 5 by Fenton/UV-C and ferrioxalate/H ₂ O ₂ /solar light processes. <i>Dyes and Pigments</i> , 2007, 74, 622-629.	2.0	151
7	Effective adsorption of non-biodegradable pharmaceuticals from hospital wastewater with different carbon materials. <i>Chemical Engineering Journal</i> , 2017, 320, 319-329.	6.6	150
8	Application of Advanced Oxidation Processes for the Treatment of Recalcitrant Agro-Industrial Wastewater: A Review. <i>Water (Switzerland)</i> , 2019, 11, 205.	1.2	149
9	Kinetic model for phenolic compound oxidation by Fenton's reagent. <i>Chemosphere</i> , 2001, 45, 85-90.	4.2	138
10	Oxidation of p-hydroxybenzoic acid by UV radiation and by TiO ₂ /UV radiation: comparison and modelling of reaction kinetic. <i>Journal of Hazardous Materials</i> , 2001, 83, 255-264.	6.5	109
11	Biodegradation of the diazo dye Reactive Black 5 by a wild isolate of <i>Candida oleophila</i> . <i>Enzyme and Microbial Technology</i> , 2006, 39, 51-55.	1.6	97
12	Ozonation kinetics of winery wastewater in a pilot-scale bubble column reactor. <i>Water Research</i> , 2009, 43, 1523-1532.	5.3	81
13	Treatment of winery wastewater by sulphate radicals: HSO ₅ ⁻ /transition metal/UV-A LEDs. <i>Chemical Engineering Journal</i> , 2017, 310, 473-483.	6.6	79
14	Comparison of the degradation of p-hydroxybenzoic acid in aqueous solution by several oxidation processes. <i>Chemosphere</i> , 2001, 42, 351-359.	4.2	78
15	Photocatalytic degradation of Reactive Black 5 with TiO ₂ -coated magnetic nanoparticles. <i>Catalysis Today</i> , 2013, 209, 116-121.	2.2	69
16	Tertiary treatment of pulp mill wastewater by solar photo-Fenton. <i>Journal of Hazardous Materials</i> , 2012, 225-226, 173-181.	6.5	63
17	Winery wastewater treatment by sulphate radical based-advanced oxidation processes (SR-AOP): Thermally vs UV-assisted persulphate activation. <i>Chemical Engineering Research and Design</i> , 2019, 122, 94-101.	2.7	63
18	Improvement of the flocculation process in water treatment by using moringa oleifera seeds extract. <i>Brazilian Journal of Chemical Engineering</i> , 2012, 29, 495-502.	0.7	61

#	ARTICLE	IF	CITATIONS
19	Kinetics of the reaction between ozone and phenolic acids present in agro-industrial wastewaters. <i>Water Research</i> , 2001, 35, 1077-1085.	5.3	56
20	Integrated Fenton's reagent coagulation/flocculation process for the treatment of cork processing wastewaters. <i>Journal of Hazardous Materials</i> , 2004, 107, 115-121.	6.5	55
21	Solar Photochemical Treatment of Winery Wastewater in a CPC Reactor. <i>Journal of Agricultural and Food Chemistry</i> , 2009, 57, 11242-11248.	2.4	55
22	Combination of long term aerated storage and chemical coagulation/flocculation to winery wastewater treatment. <i>Desalination</i> , 2010, 263, 226-232.	4.0	54
23	Disinfection of simulated and real winery wastewater using sulphate radicals: Peroxymonosulphate/transition metal/UV-A LED oxidation. <i>Journal of Cleaner Production</i> , 2017, 149, 805-817.	4.6	53
24	Combined treatment of olive mill wastewater by Fenton's reagent and anaerobic biological process. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2015, 50, 161-168.	0.9	49
25	Inactivation of pathogenic microorganisms in freshwater using HSO ₅ ⁻ /UV-A LED and HSO ₅ ⁻ /Mn ²⁺ /UV-A LED oxidation processes. <i>Water Research</i> , 2017, 123, 113-123.	5.3	47
26	Treatment of crystallized-fruit wastewater by UV-A LED photo-Fenton and coagulation-flocculation. <i>Chemosphere</i> , 2016, 145, 351-359.	4.2	43
27	Winery wastewater treatment by combination of <i>Cryptococcus laurentii</i> and Fenton's reagent. <i>Chemosphere</i> , 2014, 117, 53-58.	4.2	37
28	Photocatalytic degradation of an agro-industrial wastewater model compound using a UV LEDs system: kinetic study. <i>Journal of Environmental Management</i> , 2020, 269, 110740.	3.8	36
29	Kinetics of p-hydroxybenzoic acid photodecomposition and ozonation in a batch reactor. <i>Journal of Hazardous Materials</i> , 2000, 73, 161-178.	6.5	35
30	Treatment of concentrated fruit juice wastewater by the combination of biological and chemical processes. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2012, 47, 1809-1817.	0.9	34
31	Towards overcoming TOC increase in wastewater treated with <i>Moringa oleifera</i> seed extract. <i>Chemical Engineering Journal</i> , 2012, 188, 40-46.	6.6	34
32	Treatment of olive mill wastewater by a combined process: Fenton's reagent and chemical coagulation. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2009, 44, 198-205.	0.9	32
33	Pillared interlayered natural clays as heterogeneous photocatalysts for H ₂ O ₂ -assisted treatment of a winery wastewater. <i>Separation and Purification Technology</i> , 2019, 228, 115768.	3.9	31
34	Biodegradation of olive mill wastewaters by a wild isolate of <i>Candida oleophila</i> . <i>International Biodeterioration and Biodegradation</i> , 2012, 68, 45-50.	1.9	29
35	Ni/MgAlO regeneration for catalytic wet air oxidation of an azo-dye in trickle-bed reaction. <i>Journal of Hazardous Materials</i> , 2013, 244-245, 46-53.	6.5	28
36	Fenton advanced oxidation of emerging pollutants: parabens. <i>International Journal of Energy and Environmental Engineering</i> , 2014, 5, 1.	1.3	28

#	ARTICLE	IF	CITATIONS
37	Winery wastewater treatment by a combined process: long term aerated storage and Fenton's reagent. <i>Water Science and Technology</i> , 2009, 60, 1089-1095.	1.2	27
38	Oxidation of winery wastewater by sulphate radicals: catalytic and solar photocatalytic activations. <i>Environmental Science and Pollution Research</i> , 2017, 24, 22414-22426.	2.7	27
39	Acorn Flour as a Source of Bioactive Compounds in Gluten-Free Bread. <i>Molecules</i> , 2020, 25, 3568.	1.7	26
40	Hydroxyl and sulfate radical advanced oxidation processes: Application to an agro-industrial wastewater. <i>Environmental Technology and Innovation</i> , 2021, 21, 101183.	3.0	26
41	Combination of Coagulation-Flocculation-Decantation and Ozonation Processes for Winery Wastewater Treatment. <i>International Journal of Environmental Research and Public Health</i> , 2021, 18, 8882.	1.2	26
42	Removal of Emerging Contaminants by Fenton and UV-Driven Advanced Oxidation Processes. <i>Water, Air, and Soil Pollution</i> , 2015, 226, 1.	1.1	25
43	Kinetics of the Oxidation of p-Hydroxybenzoic Acid by the H ₂ O ₂ /UV System. <i>Industrial & Engineering Chemistry Research</i> , 2001, 40, 3104-3108.	1.8	23
44	Characteristics of p-Hydroxybenzoic Acid Oxidation using Fenton's Reagent. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2004, 39, 2897-2913.	0.9	23
45	Gallic acid photochemical oxidation as a model compound of winery wastewaters. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2008, 43, 1288-1295.	0.9	20
46	Microalgae and immobilized TiO ₂ /UV-A LEDs as a sustainable alternative for winery wastewater treatment. <i>Water Research</i> , 2021, 203, 117464.	5.3	20
47	Treatment of high strength olive mill wastewater by Fenton's reagent and aerobic biological process. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2013, 48, 954-962.	0.9	17
48	Treatment of Winery Wastewater with a Combination of Adsorption and Thermocatalytic Processes. <i>Environmental Science and Pollution Research</i> , 2022, 10, 75.	1.3	17
49	Impact of Acorn Flour on Gluten-Free Dough Rheology Properties. <i>Foods</i> , 2020, 9, 560.	1.9	16
50	Reaction of phenolic acids with Fenton-generated hydroxyl radicals: Hammett correlation. <i>Desalination</i> , 2010, 252, 167-171.	4.0	15
51	Photocatalytic discolouration of Reactive Black 5 by UV-A LEDs and solar radiation. <i>Journal of Environmental Chemical Engineering</i> , 2015, 3, 2948-2956.	3.3	15
52	Combination of adsorption and heterogeneous photo-Fenton processes for the treatment of winery wastewater. <i>Environmental Science and Pollution Research</i> , 2019, 26, 31000-31013.	2.7	15
53	Advanced Oxidation Processes as sustainable technologies for the reduction of elderberry agro-industrial water impact. <i>Water Resources and Industry</i> , 2020, 24, 100137.	1.9	15
54	Wireless UV-A LEDs-driven AOP in the treatment of agro-industrial wastewaters. <i>Environmental Research</i> , 2021, 200, 111430.	3.7	14

#	ARTICLE	IF	CITATIONS
55	Decolorization of Azo Dyes by Yeasts. Handbook of Environmental Chemistry, 2010, , 183-193.	0.2	12
56	Integrated aerobic biologicalâ€“chemical treatment of winery wastewater diluted with urban wastewater. LED-based photocatalysis in the presence of monoperoxysulfate. Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering, 2018, 53, 124-131.	0.9	12
57	Textile Dye Removal by Acacia dealbata Link. Pollen Adsorption Combined with UV-A/NTA/Fenton Process. Topics in Catalysis, 2022, 65, 1045-1061.	1.3	11
58	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.	1.2	8
59	Acorn flour and sourdough: an innovative combination to improve gluten free bread characteristics. European Food Research and Technology, 2022, 248, 1691-1702.	1.6	8
60	Advanced oxidation processes for the degradation of p-hydroxybenzoic acid 2: Photo-assisted Fenton oxidation. Journal of Chemical Technology and Biotechnology, 2001, 76, 1243-1248.	1.6	7
61	OZONATION KINETICS OF PHENOLIC COMPOUNDS PRESENT IN TABLE OLIVE WASTEWATERS: p-HYDROXYBENZOIC ACID, TYROSOL AND p-COUMARIC ACID. Chemical Engineering Communications, 2001, 184, 157-174.	1.5	7
62	Treatment of Agro-Industrial Wastewaters by Coagulation-Flocculation-Decantation and Advanced Oxidation Processesâ€“A literature Review. , 0, , .		7
63	Catalytic Activity of Porous Phosphate Heterostructures-Fe towards Reactive Black 5 Degradation. International Journal of Photoenergy, 2013, 2013, 1-6.	1.4	6
64	Effect of Zr Impregnation on Clay-Based Materials for H ₂ O ₂ -Assisted Photocatalytic Wet Oxidation of Winery Wastewater. Water (Switzerland), 2020, 12, 3387.	1.2	6
65	Naproxen removal by CWPO with Fe ₃ O ₄ /multi-walled carbon nanotubes in a fixed-bed reactor. Journal of Environmental Chemical Engineering, 2021, 9, 105110.	3.3	4
66	Advanced Oxidation Processes for Water and Wastewater Treatment. Water (Switzerland), 2021, 13, 1309.	1.2	4
67	Advanced oxidation processes for the degradation of p-hydroxybenzoic acid 1: Photo-assisted ozonation. Journal of Chemical Technology and Biotechnology, 2001, 76, 1235-1242.	1.6	3
68	Aerobic Biological Treatment of Chestnut Processing Wastewater. Water, Air, and Soil Pollution, 2012, 223, 3721-3728.	1.1	2
69	Application of Combined Coagulationâ€“Flocculationâ€“Decantation/Photo-Fenton/Adsorption Process for Winery Wastewater Treatment. , 0, , .		2
70	Combination of Coagulation-Flocculation-Decantation with Sulfate Radicals for Agro-Industrial Wastewater Treatment. , 0, , .		2
71	Phenolic Acids Ozonation: QSAR Analysis and pH Influence on the Selectivity of Ozone. Journal of Advanced Oxidation Technologies, 2009, 12, .	0.5	1
72	Application of NaCl Plant Extracts to Decrease the Costs of Microfiltration for Winery Wastewater Treatment. , 0, , .		1

#	ARTICLE	IF	CITATIONS
73	Removal of Methylene Blue from Aqueous Solution by Application of Plant-Based Coagulants. , 0, , .		1
74	Combination of Adsorption in Natural Clays and Photo-Catalytic Processes for Winery Wastewater Treatment. Advances in Science, Technology and Innovation, 2021, , 291-294.	0.2	0
75	Application of Ferrocene in the Treatment of Winery Wastewater in a Heterogeneous Photo-Fenton Process. , 0, , .		0
76	Treatment of Winery Wastewater by an EDDS-Photo-Fenton Process: Assessment of UV-C, UV-A and Solar Radiation. , 0, , .		0
77	Treatment of Municipal Activated Sludge by Ultrasound-Fenton Process. , 0, , .		0