

Jos A Peres

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

66
papers

3,093
citations

27
h-index

55
g-index

78
ext. papers

3,483
ext. citations

6.5
avg, IF

5.48
L-index

#	Paper	IF	Citations
66	Treatment of Winery Wastewater with a Combination of Adsorption and Thermocatalytic Processes. <i>Processes</i> , 2022 , 10, 75	2.9	2
65	Naproxen removal by CWPO with Fe ₃ O ₄ /multi-walled carbon nanotubes in a fixed-bed reactor. <i>Journal of Environmental Chemical Engineering</i> , 2021 , 9, 105110	6.8	3
64	Hydroxyl and sulfate radical advanced oxidation processes: Application to an agro-industrial wastewater. <i>Environmental Technology and Innovation</i> , 2021 , 21, 101183	7	10
63	Combination of Coagulation-Flocculation-Decantation and Ozonation Processes for Winery Wastewater Treatment. <i>International Journal of Environmental Research and Public Health</i> , 2021 , 18,	4.6	2
62	Microalgae and immobilized TiO ₂ /UV-A LEDs as a sustainable alternative for winery wastewater treatment. <i>Water Research</i> , 2021 , 203, 117464	12.5	5
61	Wireless UV-A LEDs-driven AOP in the treatment of agro-industrial wastewaters. <i>Environmental Research</i> , 2021 , 200, 111430	7.9	1
60	Combination of Adsorption in Natural Clays and Photo-Catalytic Processes for Winery Wastewater Treatment. <i>Advances in Science, Technology and Innovation</i> , 2021 , 291-294	0.3	
59	Effect of Zr Impregnation on Clay-Based Materials for H ₂ O ₂ -Assisted Photocatalytic Wet Oxidation of Winery Wastewater. <i>Water (Switzerland)</i> , 2020 , 12, 3387	3	3
58	Impact of Acorn Flour on Gluten-Free Dough Rheology Properties. <i>Foods</i> , 2020 , 9,	4.9	9
57	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	7.9	22
56	Advanced Oxidation Processes as sustainable technologies for the reduction of elderberry agro-industrial water impact. <i>Water Resources and Industry</i> , 2020 , 24, 100137	4.5	9
55	Acorn Flour as a Source of Bioactive Compounds in Gluten-Free Bread. <i>Molecules</i> , 2020 , 25,	4.8	8
54	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	5.1	10
53	Application of Advanced Oxidation Processes for the Treatment of Recalcitrant Agro-Industrial Wastewater: A Review. <i>Water (Switzerland)</i> , 2019 , 11, 205	3	90
52	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	8.3	22
51	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	5.5	37
50	Integrated aerobic biological-chemical treatment of winery wastewater diluted with urban wastewater. LED-based photocatalysis in the presence of monoperoxysulfate. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , 2018 , 53, 124-131	2.3	10

49	Treatment of winery wastewater by sulphate radicals: HSO ₅ ⁻ /transition metal/UV-A LEDs. <i>Chemical Engineering Journal</i> , 2017 , 310, 473-483	14.7	52
48	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	10.3	36
47	Inactivation of pathogenic microorganisms in freshwater using HSO ₅ ⁻ /UV-A LED and HSO ₅ ⁻ /M/UV-A LED oxidation processes. <i>Water Research</i> , 2017 , 123, 113-123	12.5	27
46	Effective adsorption of non-biodegradable pharmaceuticals from hospital wastewater with different carbon materials. <i>Chemical Engineering Journal</i> , 2017 , 320, 319-329	14.7	112
45	Oxidation of winery wastewater by sulphate radicals: catalytic and solar photocatalytic activations. <i>Environmental Science and Pollution Research</i> , 2017 , 24, 22414-22426	5.1	15
44	Treatment of crystallized-fruit wastewater by UV-A LED photo-Fenton and coagulation-flocculation. <i>Chemosphere</i> , 2016 , 145, 351-9	8.4	34
43	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, 161-8	2.3	39
42	Photocatalytic discoloration of Reactive Black 5 by UV-A LEDs and solar radiation. <i>Journal of Environmental Chemical Engineering</i> , 2015 , 3, 2948-2956	6.8	8
41	Removal of Emerging Contaminants by Fenton and UV-Driven Advanced Oxidation Processes. <i>Water, Air, and Soil Pollution</i> , 2015 , 226, 1	2.6	18
40	Mature landfill leachate treatment by coagulation/flocculation combined with Fenton and solar photo-Fenton processes. <i>Journal of Hazardous Materials</i> , 2015 , 286, 261-8	12.8	181
39	Fenton advanced oxidation of emerging pollutants: parabens. <i>International Journal of Energy and Environmental Engineering</i> , 2014 , 5, 1	4	23
38	Winery wastewater treatment by combination of <i>Cryptococcus laurentii</i> and Fenton's reagent. <i>Chemosphere</i> , 2014 , 117, 53-8	8.4	29
37	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	12.8	25
36	Photocatalytic degradation of Reactive Black 5 with TiO ₂ -coated magnetic nanoparticles. <i>Catalysis Today</i> , 2013 , 209, 116-121	5.3	60
35	Catalytic Activity of Porous Phosphate Heterostructures-Fe towards Reactive Black 5 Degradation. <i>International Journal of Photoenergy</i> , 2013 , 2013, 1-6	2.1	5
34	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, 954-62	2.3	15
33	Aerobic Biological Treatment of Chestnut Processing Wastewater. <i>Water, Air, and Soil Pollution</i> , 2012 , 223, 3721-3728	2.6	2
32	Tertiary treatment of pulp mill wastewater by solar photo-Fenton. <i>Journal of Hazardous Materials</i> , 2012 , 225-226, 173-81	12.8	52

31	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	1.7	43
30	Towards overcoming TOC increase in wastewater treated with Moringa oleifera seed extract. <i>Chemical Engineering Journal</i> , 2012 , 188, 40-46	14.7	25
29	Biodegradation of olive mill wastewaters by a wild isolate of <i>Candida oleophila</i> . <i>International Biodeterioration and Biodegradation</i> , 2012 , 68, 45-50	4.8	26
28	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, 1809-17	2.3	21
27	Decolorization of Azo Dyes by Yeasts. <i>Handbook of Environmental Chemistry</i> , 2010 , 183-193	0.8	10
26	Treatment of winery wastewater by ozone-based advanced oxidation processes (O ₃ , O ₃ /UV and O ₃ /UV/H ₂ O ₂) in a pilot-scale bubble column reactor and process economics. <i>Separation and Purification Technology</i> , 2010 , 72, 235-241	8.3	227
25	Reaction of phenolic acids with Fenton-generated hydroxyl radicals: Hammett correlation. <i>Desalination</i> , 2010 , 252, 167-171	10.3	15
24	Combination of long term aerated storage and chemical coagulation/flocculation to winery wastewater treatment. <i>Desalination</i> , 2010 , 263, 226-232	10.3	42
23	Winery wastewater treatment by a combined process: long term aerated storage and Fenton's reagent. <i>Water Science and Technology</i> , 2009 , 60, 1089-95	2.2	19
22	Removal of COD from olive mill wastewater by Fenton's reagent: kinetic study. <i>Journal of Hazardous Materials</i> , 2009 , 168, 1253-9	12.8	169
21	Solar photochemical treatment of winery wastewater in a CPC reactor. <i>Journal of Agricultural and Food Chemistry</i> , 2009 , 57, 11242-8	5.7	49
20	Ozonation kinetics of winery wastewater in a pilot-scale bubble column reactor. <i>Water Research</i> , 2009 , 43, 1523-32	12.5	69
19	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	2.3	22
18	Phenolic Acids Ozonation: QSAR Analysis and pH Influence on the Selectivity of Ozone. <i>Journal of Advanced Oxidation Technologies</i> , 2009 , 12,		1
17	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, 1288-95	2.3	17
16	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	4.6	117
15	Degradation of a textile reactive Azo dye by a combined chemical-biological process: Fenton's reagent-yeast. <i>Water Research</i> , 2007 , 41, 1103-9	12.5	143
14	Decolorization of the azo dye Reactive Black 5 by Fenton and photo-Fenton oxidation. <i>Dyes and Pigments</i> , 2006 , 71, 236-244	4.6	548

13	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	3.8	84
12	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	2.3	20
11	Integrated Fenton's reagent-coagulation/flocculation process for the treatment of cork processing wastewaters. <i>Journal of Hazardous Materials</i> , 2004 , 107, 115-21	12.8	45
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, 255-64	12.8	100
9	Advanced oxidation processes for the degradation of p-hydroxybenzoic acid 1: Photo-assisted ozonation. <i>Journal of Chemical Technology and Biotechnology</i> , 2001 , 76, 1235-1242	3.5	3
8	Advanced oxidation processes for the degradation of p-hydroxybenzoic acid 2: Photo-assisted Fenton oxidation. <i>Journal of Chemical Technology and Biotechnology</i> , 2001 , 76, 1243-1248	3.5	7
7	OZONATION KINETICS OF PHENOLIC COMPOUNDS PRESENT IN TABLE OLIVE WASTEWATERS: p-HYDROXYBENZOIC ACID, TYROSOL AND p-COUMARIC ACID. <i>Chemical Engineering Communications</i> , 2001 , 184, 157-174	2.2	6
6	Kinetics of the reaction between ozone and phenolic acids present in agro-industrial wastewaters. <i>Water Research</i> , 2001 , 35, 1077-85	12.5	52
5	Comparison of the degradation of p-hydroxybenzoic acid in aqueous solution by several oxidation processes. <i>Chemosphere</i> , 2001 , 42, 351-9	8.4	67
4	Kinetic model for phenolic compound oxidation by Fenton's reagent. <i>Chemosphere</i> , 2001 , 45, 85-90	8.4	115
3	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	3.9	20
2	Kinetics of p-hydroxybenzoic acid photodecomposition and ozonation in a batch reactor. <i>Journal of Hazardous Materials</i> , 2000 , 73, 161-78	12.8	30
1	Acorn flour and sourdough: an innovative combination to improve gluten free bread characteristics. <i>European Food Research and Technology</i> , 2011 , 133, 100-106	3.4	0