

Mãrcia Dezotti

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4594024/publications.pdf>

Version: 2024-02-01

60
papers

3,460
citations

236612

25
h-index

138251

58
g-index

60
all docs

60
docs citations

60
times ranked

4498
citing authors

#	ARTICLE	IF	CITATIONS
1	Ozonation and advanced oxidation technologies to remove endocrine disrupting chemicals (EDCs) and pharmaceuticals and personal care products (PPCPs) in water effluents. <i>Journal of Hazardous Materials</i> , 2007, 149, 631-642.	6.5	846
2	Phenol degradation by advanced electrochemical oxidation process electro-Fenton using a carbon felt cathode. <i>Applied Catalysis B: Environmental</i> , 2008, 83, 140-149.	10.8	357
3	Treatment of petroleum refinery sourwater by advanced oxidation processes. <i>Journal of Hazardous Materials</i> , 2006, 137, 178-184.	6.5	238
4	Effect of different salt adaptation strategies on the microbial diversity, activity, and settling of nitrifying sludge in sequencing batch reactors. <i>Applied Microbiology and Biotechnology</i> , 2012, 93, 1281-1294.	1.7	148
5	Effects of ozone pre-treatment on diclofenac: Intermediates, biodegradability and toxicity assessment. <i>Science of the Total Environment</i> , 2009, 407, 3572-3578.	3.9	147
6	Desreguladores endócrinos no meio ambiente: efeitos e consequências. <i>Quimica Nova</i> , 2007, 30, 651-666.	0.3	139
7	Fármacos no meio ambiente. <i>Quimica Nova</i> , 2003, 26, 523-530.	0.3	138
8	Ozonation of a landfill leachate: evaluation of toxicity removal and biodegradability improvement. <i>Journal of Hazardous Materials</i> , 2005, 117, 235-242.	6.5	129
9	Degradation and estrogenic activity removal of 17 β -estradiol and 17 α -ethinylestradiol by ozonation and O ₃ /H ₂ O ₂ . <i>Science of the Total Environment</i> , 2008, 407, 105-115.	3.9	111
10	Nitrification of industrial and domestic saline wastewaters in moving bed biofilm reactor and sequencing batch reactor. <i>Journal of Hazardous Materials</i> , 2011, 185, 242-248.	6.5	109
11	Estrogenic activity removal of 17 β -estradiol by ozonation and identification of by-products. <i>Chemosphere</i> , 2007, 69, 736-746.	4.2	96
12	Photocatalytic/H ₂ O ₂ treatment of oil field produced waters. <i>Applied Catalysis B: Environmental</i> , 2001, 29, 125-134.	10.8	70
13	Treatment of a simulated textile wastewater containing the Reactive Orange 16 azo dye by a combination of ozonation and moving-bed biofilm reactor: evaluating the performance, toxicity, and oxidation by-products. <i>Environmental Science and Pollution Research</i> , 2017, 24, 6307-6316.	2.7	70
14	Treatment of a pesticide industry wastewater mixture in a moving bed biofilm reactor followed by conventional and membrane processes for water reuse. <i>Journal of Cleaner Production</i> , 2018, 201, 1061-1070.	4.6	64
15	TiO ₂ -photocatalyzed degradation of phenol in saline media: lumped kinetics, intermediates, and acute toxicity. <i>Applied Catalysis B: Environmental</i> , 2004, 54, 165-173.	10.8	59
16	Ozonation of azo dyes (Orange II and Acid Red 27) in saline media. <i>Journal of Hazardous Materials</i> , 2009, 169, 965-971.	6.5	57
17	Ozonation of the dye Reactive Red 239 and biodegradation of ozonation products in a moving-bed biofilm reactor: Revealing reaction products and degradation pathways. <i>International Biodeterioration and Biodegradation</i> , 2019, 144, 104742.	1.9	51
18	Bacteria and fungi inactivation by photocatalysis under UVA irradiation: liquid and gas phase. <i>Environmental Science and Pollution Research</i> , 2017, 24, 6372-6381.	2.7	40

#	ARTICLE	IF	CITATIONS
19	Lumped kinetics and acute toxicity of intermediates in the ozonation of phenol in saline media. <i>Journal of Hazardous Materials</i> , 2006, 128, 182-191.	6.5	32
20	Revealing the bacterial profile of an anoxic-aerobic moving-bed biofilm reactor system treating a chemical industry wastewater. <i>International Biodeterioration and Biodegradation</i> , 2017, 120, 152-160.	1.9	32
21	Simulated solar photocatalytic processes for the simultaneous removal of EDDS, Cu(II), Fe(III) and Zn(II) in synthetic and real contaminated soil washing solutions. <i>Journal of Environmental Chemical Engineering</i> , 2014, 2, 1969-1979.	3.3	31
22	Biomass photochemistry XV: Photobleaching and biobleaching of Kraft effluent. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 1991, 62, 269-279.	2.0	30
23	Removal of phenol in high salinity media by a hybrid process (activated sludge+photocatalysis). <i>Separation and Purification Technology</i> , 2008, 60, 142-146.	3.9	30
24	Effect of sludge age on aerobic granular sludge: Addressing nutrient removal performance and biomass stability. <i>Chemical Engineering Research and Design</i> , 2021, 149, 212-222.	2.7	30
25	Analysis of estrogenic activity in environmental waters in Rio de Janeiro state (Brazil) using the yeast estrogen screen. <i>Ecotoxicology and Environmental Safety</i> , 2015, 120, 41-47.	2.9	29
26	Determination of the external mass transfer coefficient and influence of mixing intensity in moving bed biofilm reactors for wastewater treatment. <i>Water Research</i> , 2015, 80, 90-98.	5.3	27
27	Removal of recalcitrant organic matter content in wastewater by means of AOPs aiming industrial water reuse. <i>Environmental Science and Pollution Research</i> , 2016, 23, 22947-22956.	2.7	26
28	Removal of pharmaceutically active compounds from synthetic and real aqueous mixtures and simultaneous disinfection by supported TiO ₂ /UV-A, H ₂ O ₂ /UV-A, and TiO ₂ /H ₂ O ₂ /UV-A processes. <i>Environmental Science and Pollution Research</i> , 2019, 26, 4288-4299.	2.7	26
29	Evaluation of UV/H ₂ O ₂ for the disinfection and treatment of municipal secondary effluents for water reuse. <i>Journal of Chemical Technology and Biotechnology</i> , 2013, 88, 1697-1706.	1.6	25
30	Ozonation of NSAID: A Biodegradability and Toxicity Study. <i>Ozone: Science and Engineering</i> , 2010, 32, 91-98.	1.4	24
31	Insights into estrogenic activity removal using carbon nanotube electrochemical filter. <i>Science of the Total Environment</i> , 2019, 678, 448-456.	3.9	23
32	Biodegradation of natural and synthetic endocrine-disrupting chemicals by aerobic granular sludge reactor: Evaluating estrogenic activity and estrogens fate. <i>Environmental Pollution</i> , 2021, 274, 116551.	3.7	23
33	Synergism of ozonation and electrochemical filtration during advanced organic oxidation. <i>Journal of Hazardous Materials</i> , 2020, 382, 121085.	6.5	22
34	Nitrification of an industrial wastewater in a moving-bed biofilm reactor: effect of salt concentration. <i>Environmental Technology (United Kingdom)</i> , 2011, 32, 837-846.	1.2	20
35	Photocatalytic processes assisted by artificial solar light for soil washing effluent treatment. <i>Environmental Science and Pollution Research</i> , 2017, 24, 6353-6360.	2.7	19
36	Oil-Refinery Wastewater Treatment Aiming Reuse by Advanced Oxidation Processes (AOPs) Combined with Biological Activated Carbon (BAC). <i>Ozone: Science and Engineering</i> , 2011, 33, 403-409.	1.4	18

#	ARTICLE	IF	CITATIONS
37	Biomass photochemistry-XXII: Combined photochemical and biological process for treatment of Kraft El effluent. <i>Applied Catalysis B: Environmental</i> , 1998, 15, 211-219.	10.8	16
38	Electroconducting composites based on polyaniline and monomer-swollen polychloroprene. <i>Journal of Applied Polymer Science</i> , 1999, 71, 2329-2334.	1.3	11
39	Metabolization of by-products formed by ozonation of the azo dye Reactive Red 239 in moving-bed biofilm reactors in series. <i>Brazilian Journal of Chemical Engineering</i> , 2020, 37, 495-504.	0.7	11
40	Oil refinery wastewater treatment in biofilm reactor followed by sand filtration aiming water reuse. <i>Journal of Water Reuse and Desalination</i> , 2012, 2, 84-91.	1.2	10
41	COD, nitrogen and phosphorus removal from simulated sewage in an aerobic granular sludge in the absence and presence of natural and synthetic estrogens: Performance and biomass physical properties assessment. <i>Biochemical Engineering Journal</i> , 2021, 176, 108221.	1.8	8
42	Distillation of oil field produced water for reuse on irrigation water: evaluation of pollutants removal and ecotoxicity. <i>Journal of Water Reuse and Desalination</i> , 2011, 1, 224-236.	1.2	7
43	Biodegradation of ¹⁴ C-dicofol in wastewater aerobic treatment and sludge anaerobic biodigestion. <i>Environmental Technology (United Kingdom)</i> , 2012, 33, 695-701.	1.2	7
44	Sequential treatment of an old-landfill leachate. <i>International Journal of Environment and Waste Management</i> , 2009, 4, 445.	0.2	6
45	Inativação por oxidação fotocatalítica de <i>Escherichia coli</i> e <i>Pseudomonas</i> sp.. <i>Quimica Nova</i> , 2004, 27, 689-694.	0.3	6
46	A facile method to prepare translucent anatase thin films in monolithic structures for gas stream purification. <i>Environmental Science and Pollution Research</i> , 2018, 25, 27796-27807.	2.7	5
47	Pharmaceutical compounds electrotreatment by Pt anodes and effect on synaptic function. <i>Energy Procedia</i> , 2018, 153, 461-465.	1.8	5
48	Fluorene oxidation by solar-driven photo-Fenton process: toward mild pH conditions. <i>Environmental Science and Pollution Research</i> , 2018, 25, 27808-27818.	2.7	5
49	Tannin-Treated Water for use in the Emulsion Polymerization of SBR. Effect of Ageing on Mechanical Properties. <i>International Journal of Polymeric Materials and Polymeric Biomaterials</i> , 2007, 56, 939-944.	1.8	4
50	Tannin Treated Water for Use in the Emulsion Polymerization of SBR. <i>Polimeros</i> , 2013, 23, 326-330.	0.2	4
51	A tubular ceramic membrane coated with TiO ₂ -P25 for radial addition of H ₂ O ₂ towards AMX removal from synthetic solutions and secondary urban wastewater. <i>Environmental Science and Pollution Research</i> , 2022, 29, 42120-42129.	2.7	4
52	Advanced electrochemical oxidation applied to benzodiazepine and carbamazepine removal: Aqueous matrix effects and neurotoxicity assessments employing rat hippocampus neuronal activity. <i>Journal of Water Process Engineering</i> , 2022, 49, 102990.	2.6	4
53	Treatment of an industrial stream containing vinylcyclohexene by the H ₂ O ₂ /UV process. <i>Environmental Science and Pollution Research</i> , 2016, 23, 19626-19633.	2.7	3
54	Ultrafiltration ceramic membrane as oxidant-catalyst/water contactor to promote sulfate radical AOPs: a case study on 17 β -estradiol and 17 α -ethinylestradiol removal. <i>Environmental Science and Pollution Research</i> , 2022, 29, 42157-42167.	2.7	3

#	ARTICLE	IF	CITATIONS
55	MBBR followed by microfiltration and reverse osmosis as a compact alternative for advanced treatment of a pesticide-producing industry wastewater towards reuse. Canadian Journal of Chemical Engineering, 2016, 94, 1657-1667.	0.9	2
56	Application of activated sludge process followed by physical-chemical processes in the treatment of industrial saline effluent for reuse. Acta Scientiarum - Technology, 2013, 35, .	0.4	1
57	Tratamento de lixiviado por processos combinados: coagulaÃ§Ã£o/floculaÃ§Ã£o, air stripping, ozonizaÃ§Ã£o e lodo ativado. Engenharia Sanitaria E Ambiental, 2018, 23, 901-911.	0.1	1
58	Fate of organochlorine 14C-dicofol in a lab-scale wastewater treatment. Brazilian Journal of Microbiology, 2008, 39, 311-313.	0.8	1
59	OXYGEN AIR ENRICHMENT THROUGH DENSE MEMBRANE: APPLICATION TO A BIOFILM REACTOR. Proceedings of the Water Environment Federation, 2005, 2005, 3730-3741.	0.0	0
60	Fate of organochlorine (14)C-dicofol in a lab-scale wastewater treatment. Brazilian Journal of Microbiology, 2008, 39, 311-3.	0.8	0