Ana Rita Lado Ribeiro

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.

73 papers	4,333 citations	30 h-index	65 g-index
76 ext. papers	5,325 ext. citations	7.6 avg, IF	6.1 L-index

#	Paper	IF	Citations
73	Removal of emerging contaminants from wastewater using advanced treatments. A review. *Environmental Chemistry Letters*, **2022**, 20, 1333	13.3	10
72	Use of ch□evotte, a valuable co-product of industrial hemp fiber, as adsorbent for copper ions: Kinetic studies and modeling. *Arabian Journal of Chemistry*, **2022**, 15, 103742	5.9	2
71	Gone with the flow - Assessment of personal care products in Portuguese rivers.. *Chemosphere*, **2022**, 293, 133552	8.4	3
70	Bio-waste valorisation: Agricultural wastes as biosorbents for removal of (in)organic pollutants in wastewater treatment. *Chemical Engineering Journal Advances*, **2022**, 9, 100239	3.6	8
69	Advanced oxidation technologies and constructed wetlands in aquaculture farms: What do we know so far about micropollutant removal?. *Environmental Research*, **2022**, 204, 111955	7.9	6
68	In situ growth and crystallization of TiO2 on polymeric membranes for the photocatalytic degradation of diclofenac and 17□ethinylestradiol. *Chemical Engineering Journal*, **2022**, 427, 131476	14.7	3
67	Revealing the adsorption mechanism of copper on hemp-based materials through EDX, nano-CT, XPS, FTIR, Raman, and XANES characterization techniques. *Chemical Engineering Journal Advances*, **2022**, 10, 100282	3.6	0
66	Sorption of 4-n-nonylphenol, 4-n-octylphenol, and 4-tert-octyphenol on cyclodextrin polymers. *Environmental Science and Pollution Research*, **2021**, 1	5.1	2
65	UV-A activation of peroxymonosulfate for the removal of micropollutants from secondary treated wastewater. *Science of the Total Environment*, **2021**, 770, 145299	10.2	13
64	Biosorbents from Plant Fibers of Hemp and Flax for Metal Removal: Comparison of Their Biosorption Properties. *Molecules*, **2021**, 26,	4.8	5
63	Interactions of pharmaceutical compounds in water matrices under visible-driven photocatalysis. *Journal of Environmental Chemical Engineering*, **2021**, 9, 104747	6.8	1
62	Emerging Contaminants: Analysis, Aquatic Compartments and Water Pollution. *Environmental Chemistry for A Sustainable World*, **2021**, 1-111	0.8	2
61	Remediation of Emerging Contaminants. *Environmental Chemistry for A Sustainable World*, **2021**, 1-106	0.8	2
60	Urban and Industrial Wastewater Disinfection and Decontamination by Advanced Oxidation Processes (AOPs): Current Issues and Future Trends. *Water (Switzerland)*, **2021**, 13, 560	3	2
59	Use of Ch□evotte, a Valuable Co-Product of Industrial Hemp Fiber, as Adsorbent for Pollutant Removal. Part I: Chemical, Microscopic, Spectroscopic and Thermogravimetric Characterization of Raw and Modified Samples. *Molecules*, **2021**, 26,	4.8	3
58	Ozone-based water treatment (O3, O3/UV, O3/H2O2) for removal of organic micropollutants, bacteria inactivation and regrowth prevention. *Journal of Environmental Chemical Engineering*, **2021**, 9, 105315	6.8	16
57	Rethinking water treatment targets: Bacteria regrowth under unprovable conditions. *Water Research*, **2021**, 201, 117374	12.5	3

56	A Pilot Study Combining Ultrafiltration with Ozonation for the Treatment of Secondary Urban Wastewater: Organic Micropollutants, Microbial Load and Biological Effects. *Water (Switzerland)*, **2020**, 12, 3458	3	5
55	Liquid-liquid extraction as a simple tool to quickly quantify fourteen cytostatics in urban wastewaters and access their impact in aquatic biota. *Science of the Total Environment*, **2020**, 740, 139995	10.2	17
54	Advanced oxidation technologies combined with direct contact membrane distillation for treatment of secondary municipal wastewater. *Chemical Engineering Research and Design*, **2020**, 140, 111-123	5.5	12
53	Nitrogen-doped reduced graphene oxide PVDF nanocomposite membrane for persulfate activation and degradation of water organic micropollutants. *Chemical Engineering Journal*, **2020**, 402, 126117	14.7	27
52	Solid-phase extraction cartridges with multi-walled carbon nanotubes and effect of the oxygen functionalities on the recovery efficiency of organic micropollutants. *Scientific Reports*, **2020**, 10, 22304	4.9	4
51	Analysis of chiral drugs in environmental matrices: Current knowledge and trends in environmental, biodegradation and forensic fields. *TrAC - Trends in Analytical Chemistry*, **2020**, 124, 115783	14.6	23
50	Sulfamethoxazole exposure to simulated solar radiation under continuous flow mode: Degradation and antibacterial activity. *Chemosphere*, **2020**, 238, 124613	8.4	4
49	Distribution of micropollutants in estuarine and sea water along the Portuguese coast. *Marine Pollution Bulletin*, **2020**, 154, 111120	6.7	19
48	Quenchers in advanced oxidation technologies for analysis of micropollutants by liquid chromatography coupled to mass spectrometry: Sodium sulphite or catalase?. *Science of the Total Environment*, **2019**, 692, 995-1004	10.2	3
47	Impact of water matrix on the removal of micropollutants by advanced oxidation technologies. *Chemical Engineering Journal*, **2019**, 363, 155-173	14.7	222
46	Heterogeneous photocatalysis using UVA-LEDs for the removal of antibiotics and antibiotic resistant bacteria from urban wastewater treatment plant effluents. *Chemical Engineering Journal*, **2019**, 367, 304-313	14.7	86
45	Metal-free g-C3N4 photocatalysis of organic micropollutants in urban wastewater under visible light. *Applied Catalysis B: Environmental*, **2019**, 248, 184-192	21.8	80
44	Removal of Organic Micropollutants from a Municipal Wastewater Secondary Effluent by UVA-LED Photocatalytic Ozonation. *Catalysts*, **2019**, 9, 472	4	16
43	Continuous ozonation of urban wastewater: Removal of antibiotics, antibiotic-resistant Escherichia coli and antibiotic resistance genes and phytotoxicity. *Water Research*, **2019**, 159, 333-347	12.5	125
42	Dual enantioselective LC-MS/MS method to analyse chiral drugs in surface water: Monitoring in Douro River estuary. *Journal of Pharmaceutical and Biomedical Analysis*, **2019**, 170, 89-101	3.5	22
41	Immobilised Cerium-Doped Zinc Oxide as a Photocatalyst for the Degradation of Antibiotics and the Inactivation of Antibiotic-Resistant Bacteria. *Catalysts*, **2019**, 9, 222	4	18
40	Spatiotemporal Distribution and Sources of Trace Elements in Ave River (Portugal) Lower Basin: Estuarine Water, Sediments and Indigenous Flora. *International Journal of Environmental Research*, **2019**, 13, 303-318	2.9	8
39	Monitoring of the 17 EU Watch List contaminants of emerging concern in the Ave and the Sousa Rivers. *Science of the Total Environment*, **2019**, 649, 1083-1095	10.2	76

38	Consolidated vs new advanced treatment methods for the removal of contaminants of emerging concern from urban wastewater. *Science of the Total Environment*, **2019**, 655, 986-1008	10.2	319
37	Desalination and removal of organic micropollutants and microorganisms by membrane distillation. *Desalination*, **2018**, 437, 121-132	10.3	27
36	A review on environmental monitoring of water organic pollutants identified by EU guidelines. *Journal of Hazardous Materials*, **2018**, 344, 146-162	12.8	403
35	Heterogeneous photocatalytic degradation of ibuprofen in ultrapure water, municipal and pharmaceutical industry wastewaters using a TiO2/UV-LED system. *Chemical Engineering Journal*, **2018**, 334, 976-984	14.7	176
34	Constructed wetland microcosms for the removal of organic micropollutants from freshwater aquaculture effluents. *Science of the Total Environment*, **2018**, 644, 1171-1180	10.2	39
33	Spatial and seasonal occurrence of micropollutants in four Portuguese rivers and a case study for fluorescence excitation-emission matrices. *Science of the Total Environment*, **2018**, 644, 1128-1140	10.2	39
32	Assessment of Douro and Ave River (Portugal) lower basin water quality focusing on physicochemical and trace element spatiotemporal changes. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2018**, 53, 1056-1066	2.3	13
31	Distribution and environmental assessment of trace elements contamination of water, sediments and flora from Douro River estuary, Portugal. *Science of the Total Environment*, **2018**, 639, 1381-1393	10.2	35
30	A review on the application of constructed wetlands for the removal of priority substances and contaminants of emerging concern listed in recently launched EU legislation. *Environmental Pollution*, **2017**, 227, 428-443	9.3	138
29	Chiral Analysis of Pesticides and Drugs of Environmental Concern: Biodegradation and Enantiomeric Fraction. *Symmetry*, **2017**, 9, 196	2.7	30
28	Occurrence of Chiral Bioactive Compounds in the Aquatic Environment: A Review. *Symmetry*, **2017**, 9, 215	2.7	20
27	Occurrence of Natural Contaminants of Emerging Concern in the Douro River Estuary, Portugal. *Archives of Environmental Contamination and Toxicology*, **2016**, 70, 361-71	3.2	22
26	Anthropogenic pressure in a Portuguese river: Endocrine-disrupting compounds, trace elements and nutrients. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2016**, 51, 1043-52	2.3	18
25	Priority Substances and Emerging Organic Pollutants in Portuguese Aquatic Environment: A Review. *Reviews of Environmental Contamination and Toxicology*, **2016**, 238, 1-44	3.5	7
24	Photocatalytic ozonation of urban wastewater and surface water using immobilized TiO2 with LEDs: Micropollutants, antibiotic resistance genes and estrogenic activity. *Water Research*, **2016**, 94, 10-22	12.5	150
23	Occurrence and removal of organic micropollutants: An overview of the watch list of EU Decision 2015/495. *Water Research*, **2016**, 94, 257-279	12.5	522
22	Occurrence of persistent organic pollutants in sediments and biota from Portugal versus European incidence: A critical overview. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, **2016**, 51, 143-53	2.2	25
21	UV and solar photo-degradation of naproxen: TiO□talyst effect, reaction kinetics, products identification and toxicity assessment. *Journal of Hazardous Materials*, **2016**, 304, 329-36	12.8	64

20	Eco-friendly LC-MS/MS method for analysis of multi-class micropollutants in tap, fountain, and well water from northern Portugal. *Analytical and Bioanalytical Chemistry*, **2016**, 408, 8355-8367	4.4	28
19	Treatment of a simulated wastewater amended with a chiral pharmaceuticals mixture by an aerobic granular sludge sequencing batch reactor. *International Biodeterioration and Biodegradation*, **2016**, 115, 277-285	4.8	44
18	Dispersive liquid–liquid microextraction and HPLC to analyse fluoxetine and metoprolol enantiomers in wastewaters. *Environmental Chemistry Letters*, **2015**, 13, 203-210	13.3	15
17	Environmental friendly method for urban wastewater monitoring of micropollutants defined in the Directive 2013/39/EU and Decision 2015/495/EU. *Journal of Chromatography A*, **2015**, 1418, 140-149	4.5	40
16	Fast mineralization and detoxification of amoxicillin and diclofenac by photocatalytic ozonation and application to an urban wastewater. *Water Research*, **2015**, 87, 87-96	12.5	124
15	An overview on the advanced oxidation processes applied for the treatment of water pollutants defined in the recently launched Directive 2013/39/EU. *Environment International*, **2015**, 75, 33-51	12.9	597
14	Removal of fluoxetine and its effects in the performance of an aerobic granular sludge sequential batch reactor. *Journal of Hazardous Materials*, **2015**, 287, 93-101	12.8	44
13	Degradation of fluoroquinolone antibiotics and identification of metabolites/transformation products by liquid chromatography-tandem mass spectrometry. *Journal of Chromatography A*, **2014**, 1333, 87-98	4.5	75
12	Enantioselective biodegradation of fluoxetine by the bacterial strain Labrys portucalensis F11. *Chemosphere*, **2014**, 111, 103-11	8.4	39
11	Enantioselective quantification of fluoxetine and norfluoxetine by HPLC in wastewater effluents. *Chemosphere*, **2014**, 95, 589-96	8.4	39
10	New trends in sample preparation techniques for environmental analysis. *Critical Reviews in Analytical Chemistry*, **2014**, 44, 142-85	5.2	72
9	Enantiomeric fraction evaluation of pharmaceuticals in environmental matrices by liquid chromatography-tandem mass spectrometry. *Journal of Chromatography A*, **2014**, 1363, 226-35	4.5	48
8	Enantioseparation of chiral pharmaceuticals in biomedical and environmental analyses by liquid chromatography: an overview. *Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences*, **2014**, 968, 8-21	3.2	77
7	Enantioselective HPLC analysis and biodegradation of atenolol, metoprolol and fluoxetine. *Environmental Chemistry Letters*, **2013**, 11, 83-90	13.3	41
6	Enantioselective biodegradation of pharmaceuticals, alprenolol and propranolol, by an activated sludge inoculum. *Ecotoxicology and Environmental Safety*, **2013**, 87, 108-14	7	50
5	Chiral pharmaceuticals in the environment. *Environmental Chemistry Letters*, **2012**, 10, 239-253	13.3	62
4	Microbial degradation of pharmaceuticals followed by a simple HPLC-DAD method. *Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering*, **2012**, 47, 2151-8	2.3	9
3	Environmental Fate of Chiral Pharmaceuticals: Determination, Degradation and Toxicity. *Environmental Chemistry for A Sustainable World*, **2012**, 3-45	0.8	15

2	Microbial degradation of 17beta -estradiol and 17alpha -ethinylestradiol followed by a validated HPLC-DAD method. *Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes*, **2010**, 45, 265-73	2.2	17
1	Worldwide cases of water pollution by emerging contaminants: a review. *Environmental Chemistry Letters*,1	13.3	2