

# Robson Afonso

## List of Publications by Year in descending order

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Version: 2024-02-01

34  
papers

635  
citations

623734

14  
h-index

610901

24  
g-index

36  
all docs

36  
docs citations

36  
times ranked

799  
citing authors

#	ARTICLE	IF	CITATIONS
1	Behaviour of pharmaceuticals and endocrine disrupting chemicals in simplified sewage treatment systems. <i>Journal of Environmental Management</i> , 2013, 128, 718-726.	7.8	69
2	Biodegradation of sulfamethoxazole by microalgae-bacteria consortium in wastewater treatment plant effluents. <i>Science of the Total Environment</i> , 2020, 749, 141441.	8.0	61
3	Occurrence of endocrine disrupting compounds in water sources of Belo Horizonte Metropolitan Area, Brazil. <i>Environmental Technology (United Kingdom)</i> , 2009, 30, 1041-1049.	2.2	52
4	Can high rate algal ponds be used as post-treatment of UASB reactors to remove micropollutants?. <i>Chemosphere</i> , 2020, 248, 125969.	8.2	48
5	Characterization of metformin by-products under photolysis, photocatalysis, ozonation and chlorination by high-performance liquid chromatography coupled to high-resolution mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2016, 30, 2360-2368.	1.5	37
6	Biotechnological potential of yeast isolates from <i>cachaça</i> : the Brazilian spirit. <i>Journal of Industrial Microbiology and Biotechnology</i> , 2015, 42, 237-246.	3.0	28
7	Determination of nine pharmaceutical active compounds in surface waters from Paraopeba River Basin in Brazil by LTPE-HPLC-ESI-MS/MS. <i>Environmental Science and Pollution Research</i> , 2018, 25, 19962-19974.	5.3	26
8	Aqueous chlorination of herbicide metribuzin: Identification and elucidation of new disinfection by-products, degradation pathway and toxicity evaluation. <i>Water Research</i> , 2021, 189, 116545.	11.3	23
9	Occurrence of contaminants of emerging concern in surface waters from Paraopeba River Basin in Brazil: seasonal changes and risk assessment. <i>Environmental Science and Pollution Research</i> , 2021, 28, 30242-30254.	5.3	23
10	Strategies to select yeast starters cultures for production of flavor compounds in <i>cachaça</i> fermentations. <i>Antonie Van Leeuwenhoek</i> , 2012, 101, 379-392.	1.7	21
11	Oxidative treatments for atenolol removal in water: Elucidation by mass spectrometry and toxicity evaluation of degradation products. <i>Rapid Communications in Mass Spectrometry</i> , 2019, 33, 303-313.	1.5	21
12	Removal of cephalixin and erythromycin antibiotics, and their resistance genes, by microalgae-bacteria consortium from wastewater treatment plant secondary effluents. <i>Environmental Science and Pollution Research</i> , 2021, 28, 67822-67832.	5.3	20
13	Quality improvement and geographical indication of <i>cachaça</i> (Brazilian spirit) by using locally selected yeast strains. <i>Journal of Applied Microbiology</i> , 2016, 121, 1038-1051.	3.1	18
14	Removal of dexamethasone by oxidative processes: Structural characterization of degradation products and estimation of the toxicity. <i>Journal of Environmental Chemical Engineering</i> , 2021, 9, 106884.	6.7	18
15	Low-temperature partitioning extraction followed by liquid chromatography tandem mass spectrometry determination of multiclass antibiotics in solid and soluble wastewater fractions. <i>Journal of Chromatography A</i> , 2021, 1650, 462256.	3.7	17
16	Validation of a new high-throughput method to determine urinary <i>S</i> -phenylmercapturic acid using low-temperature partitioning extraction and ultra high performance liquid chromatography-mass spectrometry. <i>Journal of Separation Science</i> , 2017, 40, 550-557.	2.5	15
17	Antibiotic consumption in developing countries defies global commitments: an overview on Brazilian growth in consumption. <i>Environmental Science and Pollution Research</i> , 2020, 27, 21013-21020.	5.3	15
18	Fast Determination of Benzodiazepines in Human Urine via Liquid-Liquid Extraction with Low Temperature Partitioning and LC-HRMS. <i>American Journal of Analytical Chemistry</i> , 2012, 03, 118-124.	0.9	15

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19	Method development for simultaneous determination of polar and nonpolar pesticides in surface water by low-temperature partitioning extraction (LTPE) followed by HPLC-ESI-MS/MS. <i>Environmental Science and Pollution Research</i> , 2019, 26, 31609-31622.	5.3	14
20	Equipamento de baixo custo para extração em fase sólida em amostras aquosas de grande volume utilizando pressão positiva de N. <i>Química Nova</i> , 2014, 37, 150-152.	0.3	11
21	Comparison between two forms of granular activated carbon for the removal of pharmaceuticals from different waters. <i>Environmental Technology (United Kingdom)</i> , 2016, 37, 1334-1345.	2.2	10
22	Occurrence and removal of drugs and endocrine disruptors in the Bolonha Water Treatment Plant in Belém/PA (Brazil). <i>Environmental Monitoring and Assessment</i> , 2021, 193, 246.	2.7	10
23	Removal of Pharmaceuticals and Endocrine Disruptor Compounds from Natural Waters by Clarification Associated with Powdered Activated Carbon. <i>Water, Air, and Soil Pollution</i> , 2014, 225, 1.	2.4	9
24	Preliminary assessment of antimicrobial activity and acute toxicity of norfloxacin chlorination by-product mixture. <i>Environmental Science and Pollution Research</i> , 2021, 28, 3828-3836.	5.3	9
25	Behavior of Micropollutants in Polishing Units that Combine Sorption and Biodegradation Mechanisms to Improve the Quality of Activated Sludge Effluent. <i>Water, Air, and Soil Pollution</i> , 2018, 229, 1.	2.4	8
26	Degradation of cimetidine by oxidative processes, mass spectrometry products elucidation and toxicity evaluation. <i>Journal of Environmental Chemical Engineering</i> , 2020, 8, 104522.	6.7	6
27	Chemical Fingerprint of Non-aged Artisanal Sugarcane Spirits Using Kohonen Artificial Neural Network. <i>Food Analytical Methods</i> , 2022, 15, 890-907.	2.6	6
28	Method for the Determination of Benzene Metabolite t,t-Muconic Acid in Urine by HPLC-UV with an Ion Exclusion Column. <i>Separations</i> , 2016, 3, 14.	2.4	5
29	Analysis of tylosin in poultry litter by HPLC-UV and HPLC-MS/MS after LTPE. <i>International Journal of Environmental Analytical Chemistry</i> , 2020, , 1-18.	3.3	5
30	Behavior of pharmaceuticals in UV photoreactors fed with sewage treated by anaerobic/aerobic system. <i>Environmental Technology (United Kingdom)</i> , 2017, 38, 2775-2784.	2.2	4
31	EVALUATION OF REMOVAL OF PHARMACEUTICALS AND ENDOCRINE DISRUPTERS IN DRINKING WATER BY CLARIFICATION AT BENCH SCALE. <i>Química Nova</i> , 2014, , .	0.3	4
32	Identification, Elucidation, and Toxicity Assessment of Nontarget Disinfection By-products from Fipronil Chlorination. <i>Water, Air, and Soil Pollution</i> , 2021, 232, 1.	2.4	3
33	Occurrence and removal of drugs and endocrine disruptors in water supply systems in the metropolitan region of Belo Horizonte (Minas Gerais State, Brazil). <i>Environmental Monitoring and Assessment</i> , 2022, 194, .	2.7	2
34	Determinação de metais em águas de abastecimento público: um estudo de caso, município de Ouro Preto/MG. <i>Revista Ibero-americana De Ciências Ambientais</i> , 2018, 9, 192-199.	0.1	1