Robson Afonso

List of Publications by Year
in descending order

Source: https://exaly.com/author-pdf/8110013/publications.pdf

Version: 2024-02-01

34	635	623734	610901
papers	citations	14 h-index	24 g-index

36	36	36	799
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Chemical Fingerprint of Non-aged Artisanal Sugarcane Spirits Using Kohonen Artificial Neural Network. Food Analytical Methods, 2022, 15, 890-907.	2.6	6
2	Occurrence and removal of drugs and endocrine disruptors in water supply systems in the metropolitan region of Belo Horizonte (Minas Gerais State, Brazil). Environmental Monitoring and Assessment, 2022, 194, .	2.7	2
3	Preliminary assessment of antimicrobial activity and acute toxicity of norfloxacin chlorination by-product mixture. Environmental Science and Pollution Research, 2021, 28, 3828-3836.	5.3	9
4	Aqueous chlorination of herbicide metribuzin: Identification and elucidation of â€œnewâ€•disinfection by-products, degradation pathway and toxicity evaluation. Water Research, 2021, 189, 116545.	11.3	23
5	Occurrence of contaminants of emerging concern in surface waters from Paraopeba River Basin in Brazil: seasonal changes and risk assessment. Environmental Science and Pollution Research, 2021, 28, 30242-30254.	5.3	23
6	Occurrence and removal of drugs and endocrine disruptors in the Bolonha Water Treatment Plant in BelÃ©m/PA (Brazil). Environmental Monitoring and Assessment, 2021, 193, 246.	2.7	10
7	Identification, Elucidation, and Toxicity Assessment of Nontarget Disinfection By-products from Fipronil Chlorination. Water, Air, and Soil Pollution, 2021, 232, 1.	2.4	3
8	Removal of cephalexin and erythromycin antibiotics, and their resistance genes, by microalgae-bacteria consortium from wastewater treatment plant secondary effluents. Environmental Science and Pollution Research, 2021, 28, 67822-67832.	5.3	20
9	Low-temperature partitioning extraction followed by liquid chromatography tandem mass spectrometry determination of multiclass antibiotics in solid and soluble wastewater fractions. Journal of Chromatography A, 2021, 1650, 462256.	3.7	17
10	Removal of dexamethasone by oxidative processes: Structural characterization of degradation products and estimation of the toxicity. Journal of Environmental Chemical Engineering, 2021, 9, 106884.	6.7	18
11	Degradation of cimetidine by oxidative processes, mass spectrometry products elucidation and toxicity evaluation. Journal of Environmental Chemical Engineering, 2020, 8, 104522.	6.7	6
12	Biodegradation of sulfamethoxazole by microalgae-bacteria consortium in wastewater treatment plant effluents. Science of the Total Environment, 2020, 749, 141441.	8.0	61
13	Analysis of tylosin in poultry litter by HPLC-UV and HPLC-MS/MS after LTPE. International Journal of Environmental Analytical Chemistry, 2020, , 1-18.	3.3	5
14	Can high rate algal ponds be used as post-treatment of UASB reactors to remove micropollutants?. Chemosphere, 2020, 248, 125969.	8.2	48
15	Antibiotic consumption in developing countries defies global commitments: an overview on Brazilian growth in consumption. Environmental Science and Pollution Research, 2020, 27, 21013-21020.	5.3	15
16	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. Environmental Science and Pollution Research, 2019, 26, 31609-31622.	5.3	14
17	Oxidative treatments for atenolol removal in water: Elucidation by mass spectrometry and toxicity evaluation of degradation products. Rapid Communications in Mass Spectrometry, 2019, 33, 303-313.	1.5	21
18	Behavior of Micropollutants in Polishing Units that Combine Sorption and Biodegradation Mechanisms to Improve the Quality of Activated Sludge Effluent. Water, Air, and Soil Pollution, 2018, 229, 1.	2.4	8

#	Article	IF	Citations
19	Determination of nine pharmaceutical active compounds in surface waters from Paraopeba River Basin in Brazil by LTPE-HPLC-ESI-MS/MS. Environmental Science and Pollution Research, 2018, 25, 19962-19974.	5.3	26
20	DeterminaÃ§Ã£o de metais em Ã¡guas de abastecimento pÃºblico: um estudo de caso, municÃpio de Ouro Preto/MG. Revista Ibero-americana De CiÃªncias Ambientais, 2018, 9, 192-199.	0.1	1
21	Behavior of pharmaceuticals in UV photoreactors fed with sewage treated by anaerobic/aerobic system. Environmental Technology (United Kingdom), 2017, 38, 2775-2784.	2.2	4
22	Validation of a new highâ€throughput method to determine urinary Sâ€phenylmercapturic acid using lowâ€temperature partitioning extraction and ultra high performance liquid chromatographyâ€“mass spectrometry. Journal of Separation Science, 2017, 40, 550-557.	2.5	15
23	Method for the Determination of Benzene Metabolite t,t-Muconic Acid in Urine by HPLC-UV with an Ion Exclusion Column. Separations, 2016, 3, 14.	2.4	5
24	Characterization of metformin byâ€products under photolysis, photocatalysis, ozonation and chlorination by highâ€performance liquid chromatography coupled to highâ€resolution mass spectrometry. Rapid Communications in Mass Spectrometry, 2016, 30, 2360-2368.	1.5	37
25	Quality improvement and geographical indication of cachaÃ§a (Brazilian spirit) by using locally selected yeast strains. Journal of Applied Microbiology, 2016, 121, 1038-1051.	3.1	18
26	Comparison between two forms of granular activated carbon for the removal of pharmaceuticals from different waters. Environmental Technology (United Kingdom), 2016, 37, 1334-1345.	2.2	10
27	Biotechnological potential of yeast isolates fromcachaÃ§a: the Brazilian spirit. Journal of Industrial Microbiology and Biotechnology, 2015, 42, 237-246.	3.0	28
28	Equipamento de baixo custo para extraÃ§Ã£o em fase sÃ³lida em amostras aquosas de grande volume utilizando pressÃ£o positiva de N. Quimica Nova, 2014, 37, 150-152.	0.3	11
29	Removal of Pharmaceuticals and Endocrine Disruptor Compounds from Natural Waters by Clarification Associated with Powdered Activated Carbon. Water, Air, and Soil Pollution, 2014, 225, 1.	2.4	9
30	EVALUATION OF REMOVAL OF PHARMACEUTICALS AND ENDOCRINE DISRUPTERS IN DRINKING WATER BY CLARIFICATION AT BENCH SCALE. Quimica Nova, 2014, , .	0.3	4
31	Behaviour of pharmaceuticals and endocrine disrupting chemicals in simplified sewage treatment systems. Journal of Environmental Management, 2013, 128, 718-726.	7.8	69
32	Strategies to select yeast starters cultures for production of flavor compounds in cachaÃ§a fermentations. Antonie Van Leeuwenhoek, 2012, 101, 379-392.	1.7	21
33	Fast Determination of Benzodiazepines in Human Urine via Liquid-Liquid Extraction with Low Temperature Partitioning and LC-HRMS. American Journal of Analytical Chemistry, 2012, 03, 118-124.	0.9	15
34	Occurrence of endocrine disrupting compounds in water sources of Belo Horizonte Metropolitan Area, Brazil. Environmental Technology (United Kingdom), 2009, 30, 1041-1049.	2.2	52