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List of Publications by Year in descending order

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Version: 2024-02-01

45
papers

1,017
citations

361296

20
h-index

434063

31
g-index

46
all docs

46
docs citations

46
times ranked

1108
citing authors

#	ARTICLE	IF	CITATIONS
1	Organic UV filters in marine environments: An update of analytical methodologies, occurrence and distribution. <i>Trends in Environmental Analytical Chemistry</i> , 2020, 25, e00079.	5.3	75
2	On-line solid-phase extraction coupled to ultra-performance liquid chromatography with tandem mass spectrometry detection for the determination of benzotriazole UV stabilizers in coastal marine and wastewater samples. <i>Analytical and Bioanalytical Chemistry</i> , 2012, 403, 867-876.	1.9	68
3	Fabric phase sorptive extraction followed by UHPLC-MS/MS for the analysis of benzotriazole UV stabilizers in sewage samples. <i>Analytical and Bioanalytical Chemistry</i> , 2015, 407, 8137-8150.	1.9	57
4	Pharmaceutical and personal care product residues in a macrophyte pond-constructed wetland treating wastewater from a university campus: Presence, removal and ecological risk assessment. <i>Science of the Total Environment</i> , 2020, 703, 135596.	3.9	54
5	Liquid chromatography methodologies for the determination of steroid hormones in aquatic environmental systems. <i>Trends in Environmental Analytical Chemistry</i> , 2014, 3-4, 14-27.	5.3	51
6	Solid-phase microextraction with micellar desorption and HPLC-fluorescence detection for the analysis of fluoroquinolones residues in water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2009, 394, 927-935.	1.9	50
7	Rapid monitoring of residual UV-stabilizers in seawater samples from beaches using fabric phase sorptive extraction and UHPLC-MS/MS. <i>Chemosphere</i> , 2016, 164, 201-207.	4.2	50
8	Organic pollutants adsorbed on microplastics: Analytical methodologies and occurrence in oceans. <i>Trends in Environmental Analytical Chemistry</i> , 2021, 29, e00114.	5.3	46
9	Cytostatic drugs in environmental samples: An update on the extraction and determination procedures. <i>TrAC - Trends in Analytical Chemistry</i> , 2016, 80, 373-386.	5.8	45
10	Extraction and determination methodologies for benzotriazole UV stabilizers in personal-care products in environmental and biological samples. <i>TrAC - Trends in Analytical Chemistry</i> , 2013, 51, 23-32.	5.8	44
11	Analytical approaches for the determination of personal care products and evaluation of their occurrence in marine organisms. <i>Science of the Total Environment</i> , 2018, 633, 405-425.	3.9	40
12	Microwave-assisted extraction combined with on-line solid phase extraction followed by ultra-high performance liquid chromatography with tandem mass spectrometric determination of benzotriazole UV stabilizers in marine sediments and sewage sludges. <i>Journal of Separation Science</i> , 2013, 36, 781-788.	1.3	32
13	Monitoring and environmental risk assessment of benzotriazole UV stabilizers in the sewage and coastal environment of Gran Canaria (Canary Islands, Spain). <i>Journal of Environmental Management</i> , 2019, 233, 567-575.	3.8	32
14	Combination of microwave-assisted micellar extraction with liquid chromatography tandem mass spectrometry for the determination of fluoroquinolone antibiotics in coastal marine sediments and sewage sludges samples. <i>Biomedical Chromatography</i> , 2012, 26, 33-40.	0.8	28
15	Occurrence and environmental hazard of organic UV filters in seawater and wastewater from Gran Canaria Island (Canary Islands, Spain). <i>Environmental Pollution</i> , 2022, 300, 118843.	3.7	27
16	Occurrence of benzotriazole UV stabilizers in coastal fishes. <i>Journal of Environmental Management</i> , 2020, 269, 110805.	3.8	26
17	A Survey of the Presence of Pharmaceutical Residues in Wastewaters. Evaluation of Their Removal using Conventional and Natural Treatment Procedures. <i>Molecules</i> , 2020, 25, 1639.	1.7	25
18	Development of a sensitive determination method for benzotriazole UV stabilizers in environmental water samples with stir bar sorption extraction and liquid desorption prior to ultra-high performance liquid chromatography with tandem mass spectrometry. <i>Journal of Separation Science</i> , 2013, 36, 2168-2175.	1.3	23

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19	Fate and distribution of benzotriazole UV filters and stabilizers in environmental compartments from Gran Canaria Island (Spain): A comparison study. <i>Science of the Total Environment</i> , 2021, 756, 144086.	3.9	22
20	An assessment of the concentrations of pharmaceutical compounds in wastewater treatment plants on the island of Gran Canaria (Spain). <i>SpringerPlus</i> , 2013, 2, 24.	1.2	21
21	Application of microwave-assisted extraction and ultra-high performance liquid chromatography-tandem mass spectrometry for the analysis of sex hormones and corticosteroids in sewage sludge samples. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 6833-6844.	1.9	20
22	An assessment of the concentration of pharmaceuticals adsorbed on microplastics. <i>Chemosphere</i> , 2021, 266, 129007.	4.2	20
23	UV filters and UV stabilisers adsorbed in microplastic debris from beach sand. <i>Marine Pollution Bulletin</i> , 2021, 168, 112434.	2.3	19
24	Analysis and occurrence of benzotriazole ultraviolet stabilisers in different species of seaweed. <i>Chemosphere</i> , 2019, 236, 124344.	4.2	18
25	Analytical tools employed to determine pharmaceutical compounds in wastewaters after application of advanced oxidation processes. <i>Environmental Science and Pollution Research</i> , 2016, 23, 24476-24494.	2.7	16
26	Occurrence of Pharmaceutical Compounds in Groundwater from the Gran Canaria Island (Spain). <i>Water (Switzerland)</i> , 2021, 13, 262.	1.2	14
27	Multiresidue Analysis of Organic UV Filters and UV Stabilizers in Fish of Common Consumption. <i>Foods</i> , 2020, 9, 1827.	1.9	13
28	New approach for the clinical monitoring of 25-hydroxyvitamin D ₃ and 25-hydroxyvitamin D ₂ by ultra high performance liquid chromatography with MS/MS based on the standard reference material 972. <i>Journal of Separation Science</i> , 2013, 36, 3702-3708.	1.3	11
29	Predicting in vivo oxygen consumption rate from ETS activity and bisubstrate enzyme kinetics in cultured marine zooplankton. <i>Marine Biology</i> , 2016, 163, 1.	0.7	11
30	Distribution and health risk assessment of cadmium, lead, and mercury in freshwater fish from the right bank of Senegal River in Mauritania. <i>Environmental Monitoring and Assessment</i> , 2019, 191, 493.	1.3	10
31	COMPARISON OF SOLID PHASE EXTRACTION USING MICELLAR DESORPTION COMBINED WITH LC-FD AND LC-MS/MS IN THE DETERMINATION OF ANTIBIOTICS FLUOROQUINOLONE RESIDUES IN SEWAGE SAMPLES. <i>Journal of Liquid Chromatography and Related Technologies</i> , 2012, 35, 2081-2096.	0.5	8
32	Applications of Fabric Phase Sorptive Extraction to the Determination of Micropollutants in Liquid Samples. <i>Separations</i> , 2018, 5, 35.	1.1	8
33	A dispersive liquid-liquid micellar microextraction for the determination of pharmaceutical compounds in wastewaters using ultra-high performance liquid chromatography with DAD detection. <i>Biomedical Chromatography</i> , 2015, 29, 353-356.	0.8	7
34	Optimization and Development of SPE and MAE Combined with UHPLCFD for the Determination of Acetylsalicylic Acid, Naproxen, Ibuprofen and Gemfibrozil in Sewage and Sludge Samples. <i>Current Analytical Chemistry</i> , 2016, 12, 545-552.	0.6	7
35	Emerging Contaminants in Seafront Zones. <i>Environmental Impact and Analytical Approaches. Separations</i> , 2021, 8, 95.	1.1	5
36	An Update of the Occurrence of Organic Contaminants of Emerging Concern in the Canary Islands (Spain). <i>Water (Switzerland)</i> , 2020, 12, 2548.	1.2	3

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37	Building a model of ammonium excretion in two species of marine zooplankton based on glutamate dehydrogenase kinetics. <i>Marine Ecology - Progress Series</i> , 2016, 550, 83-99.	0.9	3
38	Assessment of anthropogenic pollution by UV filters using macrophytes as bioindicators. <i>Science of the Total Environment</i> , 2022, 832, 155012.	3.9	3
39	Determination of 5-fluorocytosine, 5-fluorouracil, and 5-fluorouridine in hospital wastewater by liquid chromatography-mass spectrometry. <i>Journal of Separation Science</i> , 2020, 43, 3074-3082.	1.3	2
40	Analysis of Personal Care Products in Sediments and Soils. <i>Handbook of Environmental Chemistry</i> , 2014, , 231-262.	0.2	1
41	Analytical Methodologies for the Determination of Cytostatic Compounds in Environmental Matrices. , 2020, , 169-195.		1
42	Assessment of Trace Metals in Camelus dromedarius Meat from Mauritania. <i>Biological Trace Element Research</i> , 2022, , 1.	1.9	1
43	Analysis of Organic Pollutants in Microplastics. , 2017, , 154.		0
44	Analysis of Biocides in Molluscs Using Different Extraction Methods and Liquid Chromatography Tandem Mass Spectrometry. <i>Current Analytical Chemistry</i> , 2017, 13, .	0.6	0
45	Occurrence and Environmental Risk of Organic UV Filters in Seawater and Wastewater from Gran Canaria Island (Canary Islands, Spain). <i>SSRN Electronic Journal</i> , 0, , .	0.4	0