

# Rayco Guedes-Alonso

## List of Publications by Year in descending order

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Version: 2024-02-01

26  
papers

511  
citations

623734

14  
h-index

642732

23  
g-index

26  
all docs

26  
docs citations

26  
times ranked

710  
citing authors

#	ARTICLE	IF	CITATIONS
1	Determination of androgens and progestogens in environmental and biological samples using fabric phase sorptive extraction coupled to ultra-high performance liquid chromatography tandem mass spectrometry. <i>Journal of Chromatography A</i> , 2016, 1437, 116-126.	3.7	58
2	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.	8.0	54
3	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.	10.3	51
4	Determination of steroid hormones in fish tissues by microwave-assisted extraction coupled to ultra-high performance liquid chromatography tandem mass spectrometry. <i>Food Chemistry</i> , 2017, 237, 1012-1020.	8.2	46
5	Organic pollutants adsorbed on microplastics: Analytical methodologies and occurrence in oceans. <i>Trends in Environmental Analytical Chemistry</i> , 2021, 29, e00114.	10.3	46
6	An on-line solid phase extraction method coupled with UHPLC-MS/MS for the determination of steroid hormone compounds in treated water samples from waste water treatment plants. <i>Analytical Methods</i> , 2015, 7, 5996-6005.	2.7	26
7	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.	3.8	25
8	Optimization and application of fabric phase sorptive extraction coupled to ultra-high performance liquid chromatography tandem mass spectrometry for the determination of cytostatic drug residues in environmental waters. <i>Journal of Chromatography A</i> , 2017, 1529, 39-49.	3.7	23
9	Study on the removal of hormones from domestic wastewaters with lab-scale constructed wetlands with different substrates and flow directions. <i>Environmental Science and Pollution Research</i> , 2018, 25, 20374-20384.	5.3	23
10	Seagrass responses to nutrient enrichment depend on clonal integration, but not flow-on effects on associated biota. <i>Marine Ecology - Progress Series</i> , 2013, 490, 23-35.	1.9	22
11	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
12	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.	3.7	20
13	Simultaneous Determination of Hormonal Residues in Treated Waters Using Ultrahigh Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Journal of Analytical Methods in Chemistry</i> , 2013, 1-8.	1.6	15
14	Molecularly imprinted solid-phase extraction coupled with ultra high performance liquid chromatography and fluorescence detection for the determination of estrogens and their metabolites in wastewater. <i>Journal of Separation Science</i> , 2015, 38, 3961-3968.	2.5	15
15	Multistage Horizontal Subsurface Flow vs. Hybrid Constructed Wetlands for the Treatment of Raw Urban Wastewater. <i>Sustainability</i> , 2020, 12, 5102.	3.2	12
16	Clogging reduction and removal of hormone residues with laboratory-scale vertical flow organic-based filter and hybrid wetland. <i>International Journal of Environmental Science and Technology</i> , 2015, 12, 1039-1052.	3.5	8
17	Applications of Fabric Phase Sorptive Extraction to the Determination of Micropollutants in Liquid Samples. <i>Separations</i> , 2018, 5, 35.	2.4	8
18	Analysis of microplastics-sorbed endocrine-disrupting compounds in pellets and microplastic fragments from beaches. <i>Microchemical Journal</i> , 2021, 171, 106834.	4.5	8

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19	Effect of Chronic Versus Pulse Perturbations on a Marine Ecosystem: Integration of Functional Responses Across Organization Levels. <i>Ecosystems</i> , 2015, 18, 1455-1471.	3.4	7
20	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.	1.2	7
21	Emerging Contaminants in Seafront Zones. <i>Environmental Impact and Analytical Approaches. Separations</i> , 2021, 8, 95.	2.4	5
22	Fabric Phase Sorptive Extraction of Selected Steroid Hormone Residues in Commercial Raw Milk Followed by Ultra-High-Performance Liquid Chromatography-Tandem Mass Spectrometry. <i>Foods</i> , 2021, 10, 343.	4.3	4
23	An Update of the Occurrence of Organic Contaminants of Emerging Concern in the Canary Islands (Spain). <i>Water (Switzerland)</i> , 2020, 12, 2548.	2.7	3
24	Determination and Assessment of Estradiol-Mimicking Compounds in the Dissolved and Particulate Phases of Wastewater Treatment Plant Samples. <i>Journal of AOAC INTERNATIONAL</i> , 2012, 95, 1195-1204.	1.5	2
25	Soil and Water Management Factors That Affect Plant Uptake of Pharmaceuticals: A Case Study. <i>Water (Switzerland)</i> , 2022, 14, 1886.	2.7	2
26	Analysis of Biocides in Molluscs Using Different Extraction Methods and Liquid Chromatography Tandem Mass Spectrometry. <i>Current Analytical Chemistry</i> , 2017, 13, .	1.2	0