

# Rut Fernandez-Torres

## List of Publications by Year in descending order

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Version: 2024-02-01

48  
papers

1,940  
citations

279798

23  
h-index

243625

44  
g-index

49  
all docs

49  
docs citations

49  
times ranked

2191  
citing authors

#	ARTICLE	IF	CITATIONS
1	Mineral content and botanical origin of Spanish honeys. <i>Talanta</i> , 2005, 65, 686-691.	5.5	198
2	New developments in microextraction techniques in bioanalysis. A review. <i>Analytica Chimica Acta</i> , 2016, 905, 8-23.	5.4	169
3	HPLC determination of ibuprofen, diclofenac and salicylic acid using hollow fiber-based liquid phase microextraction (HF-LPME). <i>Analytica Chimica Acta</i> , 2009, 653, 184-190.	5.4	129
4	Electromembrane extraction (EME) and HPLC determination of non-steroidal anti-inflammatory drugs (NSAIDs) in wastewater samples. <i>Talanta</i> , 2011, 85, 394-399.	5.5	119
5	Analytical Applications of Hollow Fiber Liquid Phase Microextraction (HF-LPME): A Review. <i>Analytical Letters</i> , 2012, 45, 804-830.	1.8	115
6	Application of hollow fiber-based liquid-phase microextraction (HF-LPME) for the determination of acidic pharmaceuticals in wastewaters. <i>Talanta</i> , 2010, 82, 854-858.	5.5	110
7	New developments in the extraction and determination of parabens in cosmetics and environmental samples. A review. <i>Analytica Chimica Acta</i> , 2015, 858, 1-15.	5.4	102
8	Hollow fiber-based liquid phase microextraction (HF-LPME) for a highly sensitive HPLC determination of sulfonamides and their main metabolites. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 197-204.	2.3	81
9	Hollow fiber-based liquid phase microextraction (HF-LPME) as a new approach for the HPLC determination of fluoroquinolones in biological and environmental matrices. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 55, 332-341.	2.8	76
10	Simultaneous determination of 11 antibiotics and their main metabolites from four different groups by reversed-phase high-performance liquid chromatography with diode array fluorescence (HPLC-DAD-FLD) in human urine samples. <i>Talanta</i> , 2010, 81, 871-880.	5.5	67
11	Enzymatic-microwave assisted extraction and high-performance liquid chromatography-mass spectrometry for the determination of selected veterinary antibiotics in fish and mussel samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2011, 54, 1146-1156.	2.8	58
12	Application of chemiluminescence in the analysis of wastewaters – A review. <i>Talanta</i> , 2014, 122, 214-222.	5.5	54
13	Application of three phase hollow fiber based liquid phase microextraction (HF-LPME) for the simultaneous HPLC determination of phenol substituting compounds (alkyl-, chloro- and Tj ETQq1 1 0.784314 rg B1. # Overlo 10 Tf 5		
14	A novel application of three phase hollow fiber based liquid phase microextraction (HF-LPME) for the HPLC determination of two endocrine disrupting compounds (EDCs), n-octylphenol and n-nonylphenol, in environmental waters. <i>Science of the Total Environment</i> , 2013, 443, 1-6.	8.0	52
15	Electromembrane extraction (EME) – an easy, novel and rapid extraction procedure for the HPLC determination of fluoroquinolones in wastewater samples. <i>Analytical and Bioanalytical Chemistry</i> , 2013, 405, 2575-2584.	3.7	47
16	A novel approach for electromembrane extraction based on the use of silver nanometallic-decorated hollow fibers. <i>Analytica Chimica Acta</i> , 2014, 849, 7-11.	5.4	47
17	New nanostructured support for carrier-mediated electromembrane extraction of high polar compounds. <i>Talanta</i> , 2017, 162, 32-37.	5.5	40
18	Hollow fiber-based liquid-phase microextraction (HF-LPME) of ibuprofen followed by FIA-chemiluminescence determination using the acidic permanganate-sulfite system. <i>Talanta</i> , 2009, 79, 911-915.	5.5	32

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19	Rapid flow injection method for the determination of sulfite in wine using the permanganate-luminol luminescence system. <i>Talanta</i> , 2010, 82, 2003-2006.	5.5	31
20	Capillary electrophoresis determination of nonsteroidal anti-inflammatory drugs in wastewater using hollow fiber liquid-phase microextraction. <i>Electrophoresis</i> , 2011, 32, 2107-2113.	2.4	31
21	Simultaneous Determination of Selected Veterinary Antibiotics and their Main Metabolites in Fish and Mussel Samples by High-Performance Liquid Chromatography with Diode Array-Fluorescence (HPLC-DAD-FLD) Detection. <i>Analytical Letters</i> , 2011, 44, 2357-2372.	1.8	28
22	Electromembrane extraction for the determination of parabens in water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 1615-1621.	3.7	28
23	Application of enzymatic probe sonication extraction for the determination of selected veterinary antibiotics and their main metabolites in fish and mussel samples. <i>Analytica Chimica Acta</i> , 2010, 675, 156-164.	5.4	26
24	Trace-metal distribution of cigarette ashes as marker of tobacco brands. <i>Forensic Science International</i> , 2011, 204, 119-125.	2.2	25
25	Assessment of pharmaceutical mixture (ibuprofen, ciprofloxacin and flumequine) effects to the crayfish <i>Procambarus clarkii</i> : A multilevel analysis (biochemical, transcriptional and proteomic) <i>Tj ETQq1 1 0.784314.5gBT / Overlock 107</i>	1.5	25
26	Multiresidue determination of 21 pharmaceuticals in crayfish ( <i>Procambarus clarkii</i> ) using enzymatic microwave-assisted liquid extraction and ultrahigh-performance liquid chromatography-triple quadrupole mass spectrometry analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018, 160, 144-151.	2.8	20
27	Electrochemical behaviour and determination of acrivastine in pharmaceuticals and human urine. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2002, 30, 1215-1222.	2.8	16
28	Electrochemical oxidation of cisatracurium on carbon paste electrode and its analytical applications. <i>Talanta</i> , 2001, 53, 1179-1185.	5.5	15
29	Determination of imipenem and rifampicin in mouse plasma by high performance liquid chromatography-diode array detection. <i>Analytica Chimica Acta</i> , 2008, 608, 204-210.	5.4	13
30	Urea as new stabilizing agent for imipenem determination. <i>Talanta</i> , 2008, 77, 241-248.	5.5	12
31	Simultaneous determination of metformin and glimepiride in human serum by ultra high performance liquid chromatography quadrupole time of flight mass spectrometry detection. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 165, 276-283.	2.8	12
32	Application of probe sonication extraction for the determination of linear alkylbenzene sulfonates from sewage sludge. Comparison with other extraction methods. <i>Microchemical Journal</i> , 2008, 90, 164-170.	4.5	11
33	Comparison of three electromembrane-based extraction systems for NSAIDs analysis in human urine samples. <i>Analytical and Bioanalytical Chemistry</i> , 2020, 412, 6811-6822.	3.7	11
34	Hollow fiber liquid-phase microextraction and determination of nonsteroidal anti-inflammatories by capillary electrophoresis and sulfonamides by HPLC in human urine. <i>Biomedical Chromatography</i> , 2013, 27, 246-253.	1.7	9
35	Identification of the specified impurities of silver sulfadiazine using a screening of degradation products in different stress physico-chemical media. <i>Talanta</i> , 2013, 116, 653-662.	5.5	9
36	Hollow-fiber liquid-phase microextraction for the direct determination of flumequine in urban wastewaters by flow-injection analysis with terbium-sensitized chemiluminescence. <i>Journal of Separation Science</i> , 2014, 37, 2738-2744.	2.5	8

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37	Urine and saliva biomonitoring by HF-LPME-LC/MS to assess dinitrophenols exposure. <i>Microchemical Journal</i> , 2021, 166, 106193.	4.5	8
38	A microfluidic liquid phase microextraction method for drugs and parabens monitoring in human urine. <i>Microchemical Journal</i> , 2021, 169, 106577.	4.5	8
39	Spectrofluorimetric determination of cisatracurium and mivacurium in spiked human serum and pharmaceuticals. <i>Talanta</i> , 1999, 49, 881-887.	5.5	7
40	Liquid chromatography quadrupole time-of-flight mass spectrometry determination of six pharmaceuticals in vegetal biota. Uptake study in <i>Lavandula dentata</i> . <i>Science of the Total Environment</i> , 2018, 622-623, 655-663.	8.0	7
41	Monitoring of pharmaceuticals in aquatic biota ( <i>Procambarus clarkii</i> ) of the Doñana National Park (Spain). <i>Journal of Environmental Management</i> , 2021, 297, 113314.	7.8	7
42	Uptake study in <i>Juncus</i> sp. and <i>Salicornia europaea</i> of six pharmaceuticals by liquid chromatography quadrupole time-of-flight mass spectrometry. <i>Chemosphere</i> , 2021, 266, 128995.	8.2	5
43	Spectrofluorimetric determination of acrivastine in spiked human urine and pharmaceuticals. <i>Talanta</i> , 2002, 56, 571-576.	5.5	4
44	Rapid Flow-Injection Method for the Determination of Colistin by Sensitized Chemiluminescence Using the Acidic Permanganate-Sulfite System. <i>Analytical Letters</i> , 2009, 42, 1471-1478.	1.8	4
45	Bioaccumulation and biochemical responses in the peppery furrow shell <i>Scrobicularia plana</i> exposed to a pharmaceutical cocktail at sub-lethal concentrations. <i>Ecotoxicology and Environmental Safety</i> , 2022, 242, 113845.	6.0	4
46	New Methodologies for Assessing the Presence and Ecological Effects of Pesticides in Doñana National Park (SW Spain). , 0, , .		2
47	A Method for the Determination of Veterinary Drugs from Different Therapeutic Classes in Animal Urine. <i>Journal of Chromatographic Science</i> , 2020, 58, 127-135.	1.4	2
48	Temporal Evolution of Linear Alkylbenzene Sulfonates and Heavy Metals in Sludge from Wastewater Treatment Plant. <i>Water Environment Research</i> , 2011, 83, 411-417.	2.7	1