

Manuel Callejón

List of Publications by Year in descending order

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68
papers

2,666
citations

186265

28
h-index

182427

51
g-index

68
all docs

68
docs citations

68
times ranked

2965
citing authors

#	ARTICLE	IF	CITATIONS
1	Occurrence of pharmaceutically active compounds during 1-year period in wastewaters from four wastewater treatment plants in Seville (Spain). <i>Journal of Hazardous Materials</i> , 2009, 164, 1509-1516.	12.4	241
2	Mineral content and botanical origin of Spanish honeys. <i>Talanta</i> , 2005, 65, 686-691.	5.5	198
3	Simultaneous determination of pharmaceutically active compounds in wastewater samples by solid phase extraction and high-performance liquid chromatography with diode array and fluorescence detectors. <i>Analytica Chimica Acta</i> , 2005, 550, 116-122.	5.4	177
4	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
5	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
6	Analytical Applications of Hollow Fiber Liquid Phase Microextraction (HF-LPME): A Review. <i>Analytical Letters</i> , 2012, 45, 804-830.	1.8	115
7	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
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	Spectrofluorimetric determination of levofloxacin in tablets, human urine and serum. <i>Talanta</i> , 2000, 52, 1149-1156.	5.5	80
10	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
11	Spectrofluorimetric and micelle-enhanced spectrofluorimetric determination of gatifloxacin in human urine and serum. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 37, 327-332.	2.8	65
12	Temporal evolution of polycyclic aromatic hydrocarbons (PAHs) in sludge from wastewater treatment plants: Comparison between PAHs and heavy metals. <i>Chemosphere</i> , 2006, 64, 535-541.	8.2	64
13	Spectrofluorimetric determination of moxifloxacin in tablets, human urine and serum. <i>Analyst</i> , The, 2000, 125, 2322-2325.	3.5	62
14	Terbium-sensitized luminescence determination of levofloxacin in tablets and human urine and serum. <i>Analyst</i> , The, 2000, 125, 1851-1854.	3.5	59
15	Speciation as a screening tool for the determination of heavy metal surface water pollution in the Guadamar river basin. <i>Chemosphere</i> , 2004, 56, 561-570.	8.2	53
16	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 ETQq0 0 0 rgBT /Overlapp 10 Tf 50 137 Td (5.0	50
17	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
18	Optimization and validation of a new method for analysis of linear alkylbenzene sulfonates in sewage sludge by liquid chromatography after microwave-assisted extraction. <i>Analytica Chimica Acta</i> , 2007, 599, 92-97.	5.4	50

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19	Optimization and validation of a new method of analysis for polycyclic aromatic hydrocarbons in sewage sludge by liquid chromatography after microwave assisted extraction. <i>Analytica Chimica Acta</i> , 2004, 524, 295-304.	5.4	49
20	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
21	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
22	Application of Lanthanide-Sensitised Chemiluminescence to the Determination of Levofloxacin, Moxifloxacin and Trovafloxacin in Tablets. <i>Mikrochimica Acta</i> , 2004, 144, 207-213.	5.0	42
23	New nanostructured support for carrier-mediated electromembrane extraction of high polar compounds. <i>Talanta</i> , 2017, 162, 32-37.	5.5	40
24	Fluorescence and terbium-sensitised luminescence determination of garenoxacin in human urine and serum. <i>Talanta</i> , 2004, 63, 691-697.	5.5	37
25	Easy, fast and environmental friendly method for the simultaneous extraction of the 16 EPA PAHs using magnetic molecular imprinted polymers (mag-MIPs). <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2017, 1044-1045, 63-69.	2.3	36
26	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
27	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
28	Heavy metal content and speciation in groundwater of the Guadiamar river basin. <i>Chemosphere</i> , 2002, 48, 279-285.	8.2	29
29	Simultaneous Determination of Cefepime and the Quinolones Garenoxacin, Moxifloxacin and Levofloxacin in Human Urine by HPLC-UV. <i>Mikrochimica Acta</i> , 2005, 151, 39-45.	5.0	28
30	Electromembrane extraction for the determination of parabens in water samples. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 1615-1621.	3.7	28
31	Determination of trovafloxacin in human serum by time resolved terbium-sensitised luminescence. <i>European Journal of Pharmaceutical Sciences</i> , 2001, 13, 297-301.	4.0	27
32	New rapid methods for determination of total LAS in sewage sludge by high performance liquid chromatography (HPLC) and capillary electrophoresis (CE). <i>Analytica Chimica Acta</i> , 2009, 634, 267-271.	5.4	27
33	Lanthanide sensitized chemiluminescence determination of grepafloxacin in tablets and human urine. <i>Analytica Chimica Acta</i> , 2003, 482, 105-113.	5.4	26
34	Trace-metal distribution of cigarette ashes as marker of tobacco brands. <i>Forensic Science International</i> , 2011, 204, 119-125.	2.2	25
35	Adsorptive Stripping Voltammetric Determination of Cefepime at the Mercury Electrode in Human Urine and Cerebrospinal Fluid, and Differential Pulse Polarographic Determination in Serum. <i>Journal of Pharmaceutical Sciences</i> , 2003, 92, 1854-1859.	3.3	24
36	Determination of beta-blocker drugs in pharmaceutical preparations by non-suppressed ion chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 1996, 15, 383-388.	2.8	20

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37	Effects of Chronic Treatment With the CB1 Antagonist, Rimonabant on the Blood Pressure, and Vascular Reactivity of Obese Zucker Rats. <i>Obesity</i> , 2009, 17, 1340-1347.	3.0	19
38	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
39	Validation of an HPLC Method for Determination of Cefepime (a Fourth-Generation Cephalosporin). Determination in Human Serum, Cerebrospinal Fluid, and Urine. <i>Pharmacokinetic Profiles. Chromatographia</i> , 2005, 62, 355-361.	1.3	16
40	Optimisation and validation of a new CE method for the determination of lansoprazole enantiomers in pharmaceuticals. <i>Electrophoresis</i> , 2009, 30, 2940-2946.	2.4	16
41	Electrochemical Reduction of Cefepime at the Mercury Electrode. <i>Electroanalysis</i> , 2000, 12, 296-300.	2.9	15
42	Electrochemical reduction of cefminox at the mercury electrode and its voltammetric determination in urine. <i>Talanta</i> , 2003, 59, 137-146.	5.5	15
43	Electrochemical reduction at a mercury electrode and differential-pulse polarographic determination of dibucaine in pharmaceutical ointments. <i>Analyst, The</i> , 1996, 121, 681-685.	3.5	13
44	Application of Terbium-Sensitized Luminescence for the Determination of Grepafloxacin in Human Urine and Serum. <i>Journal of Pharmaceutical Sciences</i> , 2001, 90, 1553-1557.	3.3	13
45	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
46	A new spectrophotometric method for determining triglycerides in serum. <i>Clinica Chimica Acta</i> , 1984, 142, 281-285.	1.1	12
47	Urea as new stabilizing agent for imipenem determination. <i>Talanta</i> , 2008, 77, 241-248.	5.5	12
48	Simultaneous determination of cefepime and grepafloxacin in human urine by high-performance liquid chromatography. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2004, 36, 117-123.	2.8	11
49	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
50	Evolution of polycyclic aromatic hydrocarbons (PAHs) and heavy metals in sludge samples from conventional activated sludge wastewater treatment plants. <i>Environmetrics</i> , 2009, 20, 561-574.	1.4	11
51	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
52	Simultaneous determination of rifampicin and sulbactam in mouse plasma by high-performance liquid chromatography. <i>Biomedical Chromatography</i> , 2006, 20, 748-752.	1.7	10
53	Leucoquinizarin as an analytical spectrophotometric and fluorimetric reagent: application to the determination of magnesium in pharmaceutical preparations. <i>Analyst, The</i> , 1986, 111, 429-433.	3.5	9
54	Electrochemical oxidation at carbon paste electrode of tacrine and 1-hydroxytacrine and differential pulse voltammetric determination of tacrine in pharmaceuticals and human urine. <i>Analyst, The</i> , 2000, 125, 2016-2019.	3.5	8

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55	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
56	Spectrofluorimetric determination of cisatracurium and mivacurium in spiked human serum and pharmaceuticals. <i>Talanta</i> , 1999, 49, 881-887.	5.5	7
57	Electrochemical study of imipenem's primary metabolite at the mercury electrode. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2005, 38, 768-775.	2.8	6
58	Liquid Chromatographic Method for the Simultaneous Determination of Imipenem and Sulbactam in Mouse Plasma. <i>Journal of Chromatographic Science</i> , 2006, 44, 548-551.	1.4	6
59	Spectrofluorimetric determination of tacrine in pharmaceuticals and spiked human serum. <i>Analyst, The</i> , 1998, 123, 1575-1576.	3.5	5
60	Electrochemical Reduction of Benzaldehyde as its Girard-P Derivative at the Mercury Electrode and Differential-Pulse Polarographic Determination of Benzaldehyde. <i>Mikrochimica Acta</i> , 2001, 137, 19-24.	5.0	5
61	Rapid spectrophotometric determination of chlorate with dimedone bithiosemicarbazone monohydrochloride. <i>Mikrochimica Acta</i> , 1984, 84, 295-302.	5.0	4
62	Spectrofluorimetric determination of acrivastine in spiked human urine and pharmaceuticals. <i>Talanta</i> , 2002, 56, 571-576.	5.5	4
63	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
64	Pyridine-2-carbaldehyde derivative of Girard-P as a fluorimetric reagent for the determination of gallium in aluminium. <i>Analyst, The</i> , 1985, 110, 301-303.	3.5	3
65	Fluorimetric determination of trace amounts of aluminium and gallium with salicylaldehyde-1-phthalazinohydrazone. <i>Mikrochimica Acta</i> , 1992, 109, 301-309.	5.0	2
66	Differential pulse polarographic determination of salicylaldehyde as its Girard-P derivative. <i>Mikrochimica Acta</i> , 1996, 124, 187-194.	5.0	1
67	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
68	Spectrofluorimetric determination of velnacrine in human serum and urine. <i>Il Farmaco</i> , 2003, 58, 1257-1261.	0.9	0