Aurelia AlaÃ±Ã³n Molina

List of Publications by Year
in descending order

58 papers	847 citations	471371 17 h-index	552653 26 g-index
58 all docs	58 docs citations	58 times ranked	623 citing authors

#	Article	IF	Citations
1	Use of Total Fluorescence Spectroscopy for the Highly Sensitive Simultaneous Determination of Fluoroquinolones in Rabbit Plasma. Journal of Analytical Chemistry, 2021, 76, 733-741.	0.4	5
2	A sensitive resonance Rayleigh scattering sensor for dopamine in urine using upconversion nanoparticles. Journal of Raman Spectroscopy, 2020, 51, 406-413.	1.2	9
3	Simplex optimization of the variables influencing the determination of pefloxacin by time-resolved chemiluminescence. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2018, 193, 117-124.	2.0	11
4	Application of time-resolved fluorescence to the determination of metabolites. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2014, 128, 82-90.	2.0	0
5	Simple and rapid determination of salsalate in pharmaceutical preparations by chemiluminescence. Analytical Methods, 2014, 6, 3329.	1.3	1
6	Direct determination of antibacterial norfloxacin in urine by isopotential fluorimetry. Journal of Analytical Chemistry, 2014, 69, 735-740.	0.4	0
7	Rapid and Simple Determination of Sarafloxacin in Egg by Time-Resolved Chemiluminescence. Food Analytical Methods, 2013, 6, 1153-1161.	1.3	7
8	Simultaneous Determination of Doxycycline and Chlortetracycline in Real Samples by Europium-Sensitized Luminescence. Applied Spectroscopy, 2013, 67, 371-378.	1.2	1
9	Direct Determination of Danofloxacin and Flumequine in Milk by Use of Fluorescence Spectrometry in Combination with Partial Least-Squares Calibration. Journal of Agricultural and Food Chemistry, 2013, 61, 2655-2660.	2.4	7
10	Development of a Spectrofluorimetric Method for the Determination of Ofloxacin in Urine. Applied Spectroscopy, 2013, 67, 1029-1035.	1.2	3
11	Simultaneous determination of nabumetone and its principal metabolite in medicines and human urine by time-resolved fluorescence. Analyst, The, 2012, 137, 5144.	1.7	4
12	Rapid determination of ciprofloxacin in urine by matrix isopotential synchronous spectrometry. Analytical Methods, 2012, 4, 3413.	1.3	4
13	Simultaneous Determination of Mefenamic and Flufenamic Acids in Real Samples by Terbium-Sensitized Luminescence. Analytical Letters, 2012, 45, 2807-2822.	1.0	6
14	Application of non-linear angle synchronous spectrofluorimetry to the determination of complex mixtures of drugs in urine: A comparative study. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2012, 98, 190-198.	2.0	8
15	Simultaneous Determination of Mefenamic and Tolfenamic Acids in Real Samples by Terbium-Sensitized Luminescence. Journal of Fluorescence, 2012, 22, 1483-1492.	1.3	7
16	Simultaneous determination of salicylic acid and salicylamide in biological fluids. Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, 2011, 79, 909-914.	2.0	10
17	Rapid Chemiluminescent Determination of Enrofloxacin in Eggs and Veterinary Drugs. Analytical Letters, 2011, 44, 2194-2208.	1.0	12
18	Rapid Simultaneous Determination of Four Non-Steroidal Anti-Inflammatory Drugs by Means of Derivative Nonlinear Variable-Angle Synchronous Fluorescence Spectrometry. Applied Spectroscopy, 2010, 64, 949-955.	1.2	14

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19	Determination of piroxicam in pharmaceutical preparations by continuous-flow chemiluminescence. Analytical Methods, 2010, 2, 76-81.	1.3	5
20	Simultaneous determination of two anti-inflammatory drugs in serum using isopotential fluorimetry. Analytica Chimica Acta, 2008, 625, 47-54.	2.6	12
21	Determination of Ciprofloxacin, the Major Metabolite of Enrofloxacin, in Milk by Isopotential Fluorimetry. Journal of Agricultural and Food Chemistry, 2008, 56, 8838-8843.	2.4	15
22	Direct determination of closely overlapping drug mixtures of diflunisal and salicylic acid in serum by means of derivative matrix isopotential synchronous fluorescence spectrometry. Analytica Chimica Acta, 2007, 583, 55-62.	2.6	33
23	Resolution of Ofloxacinâ€“Ciprofloxacin and Ofloxacinâ€“Norfloxacin Binary Mixtures by Flow-Injection Chemiluminescence in Combination with Partial Least Squares Multivariate Calibration. Journal of Fluorescence, 2007, 17, 481-491.	1.3	33
24	Rapid determination of hydroflumethiazide in dosage forms by time-resolved chemiluminescence. Mikrochimica Acta, 2007, 159, 349-356.	2.5	4
25	Automatic chemiluminescence-based determination of carbaryl in various types of matrices. Talanta, 2006, 68, 586-593.	2.9	34
26	Simplex optimization of the variables affecting the micelle-stabilized room temperature phosphorescence of 6-methoxy-2-naphthylacetic acid and its kinetic determination in human urine. Analytical Biochemistry, 2005, 339, 157-164.	1.1	13
27	Simplex optimization and kinetic determination of nabumetone in pharmaceutical preparations by micellarâ€"stabilized room temperature phosphorescence. Analytica Chimica Acta, 2005, 528, 77-82.	2.6	12
28	Fluorescence characteristics of several whey samples subjected to different treatments and conditions. Analytica Chimica Acta, 2005, 536, 153-158.	2.6	15
29	Simple and rapid determination of the active metabolite of nabumetone in biological fluids by heavy atom-induced room temperature phosphorescence. Analytica Chimica Acta, 2005, 554, 37-42.	2.6	5
30	Determination of hydrochlorothiazide in pharmaceutical preparations by time resolved chemiluminescence. Analytica Chimica Acta, 2004, 518, 37-43.	2.6	23
31	Direct determination of salicylamide in serum by matrix isopotential synchronous fluorimetry. Talanta, 2002, 56, 557-564.	2.9	11
32	Cyclodextrin enhanced spectrofluorimetric determination of fluoxetine in pharmaceuticals and biological fluids. Talanta, 2002, 58, 301-309.	2.9	36
33	Determination of 4-Methylpropranolol in Cerebrospinal Fluid, Serum, and Urine by Nonprotected Fluid Room-Temperature Phosphorescence Using Simplex Optimization. Analytical Biochemistry, 2002, 306, 270-277.	1.1	5
34	Direct determination of naftopidil by non-protected fluid room temperature phosphorescence. Analyst, The, 2001, 126, 234-238.	1.7	14
35	Simultaneous Direct Determination of Amiloride and Triamterene in Urine Using Isopotential Fluorometry. Analytical Biochemistry, 2001, 292, 59-68.	1.1	22
36	Non-protected fluid room-temperature phosphorimetric procedure for the direct determination of naftopidil in biological fluids. Fresenius' Journal of Analytical Chemistry, 2001, 371, 903-908.	1.5	5

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37	Direct analysis of amiloride and triamterene mixtures by fluorescence spectrometry using partial-least squares calibration. Analytica Chimica Acta, 2001, 449, 179-187.	2.6	33
38	Determination of nafcillin by room temperature phosphorescence. Analytica Chimica Acta, 2000, 423, 85-93.	2.6	12
39	Phosphorimetric determination of nafronyl in pharmaceutical preparations. Analytica Chimica Acta, 1999, 382, 77-85.	2.6	12
40	Stopped-flow determination of dipyridamole in pharmaceutical preparations by micellar-stabilized room temperature phosphorescence. Talanta, 1999, 48, 1061-1073.	2.9	23
41	Simultaneous determination of atenolol, propranolol, dipyridamole and amiloride by means of non-linear variable-angle synchronous fluorescence spectrometry. Analytica Chimica Acta, 1998, 370, 9-18.	2.6	79
42	Simultaneous determination of nafcillin and methicillin by different fluorimetric techniques using partial least-squares calibration. Analyst, The, 1998, 123, 1073-1077.	1.7	18
43	Phosphorimetric Determination of Dipyridamole in Pharmaceutical Preparations. Analyst, The, 1997, 122, 253-258.	1.7	16
44	Kineticâ^'Fluorometric Determination of Malonaldehyde Based on the Hantzsch Reaction:Â Application to Olive Oil Analysis. Journal of Agricultural and Food Chemistry, 1997, 45, 172-177.	2.4	4
45	Direct Determination of Amiloride in Urine Using Isopotential Fluorimetry. Analyst, The, 1997, 122, 247-252.	1.7	21
46	Direct Determination of Dipyridamole in Serum. Analytical Biochemistry, 1997, 245, 8-16.	1.1	20
47	Direct determination of nalidixic acid in urine by matrix isopotential synchronous fluorescence spectrometry. Talanta, 1996, 43, 431-438.	2.9	11
48	Derivative linear variable-angle scanning fluorescence spectrometry for the determination of closely overlapping drug mixtures. Analytica Chimica Acta, 1996, 319, 361-368.	2.6	13
49	Direct determination of triamterene in urine by matrix isopotential synchronous fluorescence spectrometry. Analytica Chimica Acta, 1996, 326, 117-126.	2.6	15
50	Direct Determination of Salicylic Acid in Human Serum by Matrix Isopotential Synchronous Fluorescence. Microchemical Journal, 1995, 52, 341-349.	2.3	9
51	Direct determination of quinidine in urine. Analytica Chimica Acta, 1995, 317, 359-364.	2.6	9
52	Matrix isopotential synchronous fluorescence Direct determination of gentisic acid in urine. Analytica Chimica Acta, 1994, 296, 87-97.	2.6	29
53	New rapid assay for methicillin by spectrofluorimetry in pharmaceutical dosage forms. Journal of Pharmaceutical and Biomedical Analysis, 1994, 12, 629-633.	1.4	3
54	Determination of nafcillin and methicillin by different spectrofluorimetric techniques. Talanta, 1994, 41, 21-30.	2.9	21

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55	Determination of salicylic and gentisic acids in the presence of each other by matrix isopotential synchronous fluorescence spectrometry. Analyst, The, 1994, 119, 1915-1919.	1.7	25
56	FTOTAL, A program to process total luminescence spectra. Computers & Chemistry, 1993, 17, 341-354.	1.2	41
57	Rapid assay for procaine penicillin G in pharmaceutical dosages by spectrofluorimetry. Talanta, 1993, 40, 1201-1206.	2.9	4
58	Determination of amoxicillin and cephalexin in mixtures by second-derivative spectrophotometry. Analyst, The, 1990, 115, 1117-1119.	1.7	23