

# Juana Rodriguez Flores

## List of Publications by Citations

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

82 papers	1,358 citations	21 h-index	30 g-index
82 ext. papers	1,436 ext. citations	4.4 avg, IF	4.06 L-index

#	Paper	IF	Citations
82	Spectrophotometric resolution of ternary mixtures of Tartrazine, Patent Blue V and Indigo Carmine in commercial products. <i>Analytica Chimica Acta</i> , <b>1999</b> , 391, 353-364	6.6	69
81	Simultaneous spectrophotometric determination of ethinylestradiol and levonorgestrel by partial least squares and principal component regression multivariate calibration. <i>Analytica Chimica Acta</i> , <b>1997</b> , 340, 257-265	6.6	58
80	Resolution of ternary mixtures of Tartrazine, Sunset yellow and Ponceau 4R by derivative spectrophotometric ratio spectrum-zero crossing method in commercial foods. <i>Talanta</i> , <b>1998</b> , 46, 933-42	6.2	54
79	Square wave adsorptive voltammetric determination of sunset yellow. <i>Talanta</i> , <b>1997</b> , 44, 467-74	6.2	44
78	Voltammetric behavior of sildenafil citrate (Viagra) using square wave and adsorptive stripping square wave techniques: Determination in pharmaceutical products. <i>Analytica Chimica Acta</i> , <b>2000</b> , 417, 143-148	6.6	44
77	Development and validation method for determination of fluoxetine and its main metabolite norfluoxetine by nonaqueous capillary electrophoresis in human urine. <i>Talanta</i> , <b>2005</b> , 65, 163-71	6.2	40
76	Nonaqueous capillary electrophoresis method for the analysis of tamoxifen, imipramine and their main metabolites in urine. <i>Talanta</i> , <b>2005</b> , 65, 155-62	6.2	39
75	Determination of sildenafil citrate and its main metabolite by sample stacking with polarity switching using micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , <b>2002</b> , 953, 279-86	4.5	38
74	Simultaneous Determination of Quinoline Yellow And Sunset Yellow by Derivative Spectrophotometry and Ratio Spectra Derivative. <i>Analytical Letters</i> , <b>1994</b> , 27, 1009-1029	2.2	37
73	Simultaneous determination of ethinylestradiol and levonorgestrel in oral contraceptives by derivative spectrophotometry. <i>Analyst, The</i> , <b>1997</b> , 122, 41-4	5	36
72	Simultaneous spectrophotometric determination of tartrazine, patent blue V, and indigo carmine in commercial products by partial least squares and principal component regression methods. <i>Talanta</i> , <b>1999</b> , 48, 895-903	6.2	34
71	Development of a capillary zone electrophoretic method to determine six antidepressants in their pharmaceutical preparations. Experimental design for evaluating the ruggedness of method. <i>Journal of Separation Science</i> , <b>2004</b> , 27, 33-40	3.4	33
70	The application of adsorptive stripping voltammetry for a study of the reaction of human serum albumin with anti-human serum albumin. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , <b>1987</b> , 235, 317-326		30
69	Direct and fast determination of paclitaxel, morphine and codeine in urine by micellar electrokinetic chromatography. <i>Journal of Chromatography A</i> , <b>2012</b> , 1231, 66-72	4.5	28
68	Adsorptive stripping voltammetry of Tartrazine at the hanging mercury drop electrode in soft drinks. <i>Fresenius Journal of Analytical Chemistry</i> , <b>1997</b> , 357, 989-994		27
67	Development of a Micellar electrokinetic capillary chromatography method for the determination of three drugs employed in the erectile dysfunction therapy. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2004</b> , 811, 231-6	3.2	26
66	Determination of sildenafil citrate (viagra) and its metabolite (UK-103,320) by square-wave and adsorptive stripping square-wave voltammetry. Total determination in biological samples. <i>Talanta</i> , <b>2004</b> , 62, 427-32	6.2	24

65	Non-aqueous capillary zone electrophoresis method for the analysis of paroxetine, tamoxifen, and their main metabolites in urine. <i>Analytica Chimica Acta</i> , <b>2004</b> , 512, 287-295	6.6	23
64	Validation of a capillary gas chromatographic method for the determination of Sildenafil Citrate in its pharmaceutical formulations (Viagra). Experimental design for evaluating the ruggedness of the method. <i>Chromatographia</i> , <b>2002</b> , 55, 601-606	2.1	23
63	Nonaqueous capillary electrophoresis method for the analysis of gleevec and its main metabolite in human urine. <i>Journal of Chromatography A</i> , <b>2005</b> , 1068, 175-82	4.5	22
62	Electrochemical sensor for leukemia drug imatinib determination in urine by adsorptive stripping square wave voltammetry using modified screen-printed electrodes. <i>Electrochimica Acta</i> , <b>2018</b> , 269, 668-675	6.7	21
61	Effect of amoxicillin exposure on brain, gill, liver, and kidney of common carp ( <i>Cyprinus carpio</i> ): The role of amoxicilloic acid. <i>Environmental Toxicology</i> , <b>2017</b> , 32, 1102-1120	4.2	21
60	Application of adsorptive stripping voltammetry for a study of the reaction of mouse IgG with anti-mouse IgG. <i>Analyst, The</i> , <b>1988</b> , 113, 31-3	5	21
59	Screening and confirmatory methods for the analysis of macrocyclic lactone mycotoxins by CE with amperometric detection. <i>Electrophoresis</i> , <b>2009</b> , 30, 499-506	3.6	20
58	Micellar electrokinetic chromatographic method for the determination of letrozole, citalopram and their metabolites in human urine. <i>Journal of Chromatography A</i> , <b>2008</b> , 1185, 281-90	4.5	20
57	Development and validation of a capillary zone electrophoresis method for the determination of propranolol and N-desisopropylpropranolol in human urine. <i>Analytica Chimica Acta</i> , <b>2006</b> , 559, 9-14	6.6	20
56	Direct and fast capillary zone electrophoretic method for the determination of Gleevec and its main metabolite in human urine. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2003</b> , 794, 381-8	3.2	20
55	Partial least squares method in the analysis by square wave voltammetry. Simultaneous determination of sulphamethoxypyridazine and trimethoprim. <i>Analytica Chimica Acta</i> , <b>1997</b> , 349, 303-311	6.6	19
54	Very fast and direct capillary zone electrophoresis method for the determination of creatinine and creatine in human urine. <i>Analytica Chimica Acta</i> , <b>2004</b> , 521, 53-59	6.6	19
53	Simultaneous determination of tartrazine and sunset yellow by derivative spectrophotometry and ratio spectra derivative. <i>Talanta</i> , <b>1993</b> , 40, 1391-6	6.2	19
52	Simultaneous determination of tartrazine, riboflavine, curcumin and erythrosine by derivative spectrophotometry. <i>Fresenius Journal of Analytical Chemistry</i> , <b>1994</b> , 350, 610-613		19
51	Development and validation method for determination of Paroxetine and its metabolites by nonaqueous capillary electrophoresis in human urine. Experimental design for evaluating the ruggedness of the method. <i>Electrophoresis</i> , <b>2004</b> , 25, 454-62	3.6	18
50	Determination of drugs used in advanced breast cancer by capillary gas chromatography of pharmaceutical formulations. <i>Journal of Separation Science</i> , <b>2003</b> , 26, 908-914	3.4	18
49	Voltammetric determination of Imatinib (Gleevec) and its main metabolite using square-wave and adsorptive stripping square-wave techniques in urine samples. <i>Talanta</i> , <b>2005</b> , 66, 202-9	6.2	16
48	Analytical approaches to expanding the use of capillary electrophoresis in routine food analysis. <i>Journal of Separation Science</i> , <b>2005</b> , 28, 915-24	3.4	16

47	Determination of ethinylestradiol and gestodene in oral contraceptives by micellar electrokinetic chromatography. <i>Chromatographia</i> , <b>1999</b> , 49, 65-70	2.1	16
46	Determination of amoxicillin and cephalexin in mixtures by second-derivative spectrophotometry. <i>Analyst, The</i> , <b>1990</b> , 115, 1117-1119	5	16
45	Determination of sulphamethizole in the presence of nitrofurantoin by derivative spectrophotometry and ratio spectra derivative. <i>Talanta</i> , <b>1991</b> , 38, 1261-4	6.2	16
44	Rapid determination of letrozole, citalopram and their metabolites by high performance liquid chromatography-Fluorescence detection in urine: Method validation and application to real samples. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2013</b> , 913-914, 12-8	3.2	15
43	Direct determination of pregabalin in human urine by nonaqueous CE-TOF-MS. <i>Electrophoresis</i> , <b>2013</b> , 34, 1429-36	3.6	15
42	Voltammetric investigation of the interaction of concanavalin A with mannose. <i>Analyst, The</i> , <b>1988</b> , 113, 525-6	5	15
41	Rapid quantitative analysis of letrozole, fluoxetine and their metabolites in biological and environmental samples by MEKC. <i>Electrophoresis</i> , <b>2009</b> , 30, 624-32	3.6	14
40	Development and validation of a non-aqueous capillary electrophoresis method for the determination of imatinib, codeine and morphine in human urine. <i>Analytical Methods</i> , <b>2014</b> , 6, 3842	3.2	13
39	Micellar electrokinetic capillary chromatography for the determination of Viagra and its metabolite (UK-103,320) in human serum. <i>Electrophoresis</i> , <b>2001</b> , 22, 2004-9	3.6	13
38	Use of a data treatment software for the resolution of overlapping differential pulse polarographic peaks. <i>FreseniusJournal of Analytical Chemistry</i> , <b>1992</b> , 342, 273-275		12
37	Sublethal effects induced by captopril on <i>Cyprinus carpio</i> as determined by oxidative stress biomarkers. <i>Science of the Total Environment</i> , <b>2017</b> , 605-606, 811-823	10.2	11
36	Capillary gas chromatographic determination of Tamoxifen in the presence of a number of antidepressants in urine. <i>Journal of Separation Science</i> , <b>2003</b> , 26, 915-922	3.4	11
35	Simultaneous determination of erlotinib and metabolites in human urine using capillary electrophoresis. <i>Electrophoresis</i> , <b>2014</b> , 35, 1489-95	3.6	10
34	Development and validation strategies for qualitative spot tests: application to nitrite control in waters. <i>Analytica Chimica Acta</i> , <b>2005</b> , 537, 223-230	6.6	10
33	Study of the bioremediatory capacity of wild yeasts. <i>Scientific Reports</i> , <b>2020</b> , 10, 11265	4.9	9
32	Determination of morphine, codeine, and paclitaxel in human serum and plasma by micellar electrokinetic chromatography. <i>Journal of Separation Science</i> , <b>2012</b> , 35, 2297-306	3.4	9
31	Rapid characterization of fatty alcohol ethoxylates by non-aqueous capillary electrophoresis. <i>Electrophoresis</i> , <b>2008</b> , 29, 3060-8	3.6	9
30	Capillary electrophoretic determination of triamterene, methotrexate, and creatinine in human urine. <i>Journal of Separation Science</i> , <b>2005</b> , 28, 658-64	3.4	9

29	Adsorptive stripping voltammetry of human chorionic gonadotropin and two of its specific antibodies. <i>Biosensors</i> , <b>1989</b> , 4, 1-13		9
28	Study of the adsorptive stripping square-wave voltammetry of bovine serum albumin. <i>Electroanalysis</i> , <b>1991</b> , 3, 405-408	3	8
27	Quantitation of sunitinib, an oral multitarget tyrosine kinase inhibitor, and its metabolite in urine samples by nonaqueous capillary electrophoresis time of flight mass spectrometry. <i>Electrophoresis</i> , <b>2015</b> , 36, 1580-7	3.6	7
26	Micellar electrokinetic chromatographic screening of letrozole and its metabolite in human urine: validation and robustness/ruggedness evaluation. <i>Electrophoresis</i> , <b>2008</b> , 29, 811-8	3.6	7
25	Determination of ibuprofen and tetrazepam in human urine by micellar electrokinetic capillary chromatography. <i>Analytical and Bioanalytical Chemistry</i> , <b>2006</b> , 384, 208-14	4.4	7
24	Adsorptive stripping voltammetry of bovine serum albumin. <i>Analytica Chimica Acta</i> , <b>1988</b> , 212, 355-358	6.6	7
23	Simultaneous Determination of Erlotinib and its Metabolites in Human Urine and Serum Samples by High-Performance Liquid Chromatography. <i>Chromatographia</i> , <b>2017</b> , 80, 409-415	2.1	6
22	Application of adsorptive stripping voltammetry to the study of immunoglobulin A and its interaction with benzodiazepine drugs. <i>Analyst, The</i> , <b>1989</b> , 114, 393-6	5	6
21	Adsorptive stripping square-wave voltammetric behavior of the enzyme adenosine deaminase. <i>Electroanalysis</i> , <b>1992</b> , 4, 347-354	3	5
20	Adsorptive stripping voltammetric behaviour of sulphaquinoxaline using differential-pulse and square-wave techniques. <i>Analytica Chimica Acta</i> , <b>1993</b> , 273, 369-375	6.6	5
19	The application of adsorptive voltammetry to the study of the interaction of human chronic lymphocytic leukemia cells with two murine monoclonal antibodies raised against them. <i>Electroanalysis</i> , <b>1989</b> , 1, 431-435	3	5
18	Purification of human glutamate dehydrogenase (GDH) and an adsorptive voltammetric investigation of the interaction of GDH with rabbit anti-human GDH antibody. <i>Analyst, The</i> , <b>1990</b> , 115, 617-21	5	5
17	Determination of orotic acid (vitamin B13) in human serum and urine by differential-pulse polarography. <i>Analyst, The</i> , <b>1988</b> , 113, 321-3	5	5
16	Adsorptive Stripping Voltammetry of Phytohemagglutinin. <i>Analytical Letters</i> , <b>1988</b> , 21, 211-223	2.2	5
15	Micellar electrokinetic capillary chromatographic method for simultaneous determination of drugs used to treat advanced breast cancer. <i>Chromatographia</i> , <b>2002</b> , 56, 283-288	2.1	4
14	Application of adsorptive stripping voltammetry to the study of the reaction of immunoglobulin E with anti-immunoglobulin E. <i>Analyst, The</i> , <b>1988</b> , 113, 1795-8	5	4
13	Adsorptive stripping voltammetry—versatile technique. <i>Analytical Proceedings</i> , <b>1988</b> , 25, 263-266		4
12	Voltammetric behavior of sulfadimetoxol using square-wave and adsorptive stripping square-wave techniques. <i>Electroanalysis</i> , <b>1997</b> , 9, 474-477	3	3

11	Adsorptive stripping voltammetry of F(ab) <sub>2</sub> and Fab fragments of anti-mouse immunoglobulin G. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>1989</b> , 7, 543-7	3.5	3
10	Micellar electrokinetic chromatographic method for the dabrafenib determination in biological samples. <i>Electrophoresis</i> , <b>2016</b> , 37, 1296-302	3.6	3
9	Voltammetric Behavior of Mifepristone (RU-486) Using Square-Wave and Adsorptive Stripping-Wave Techniques. Determination in Urine Samples. <i>Electroanalysis</i> , <b>2004</b> , 16, 661-666	3	2
8	Cathodic stripping voltammetry of 2-thioorotic acid at the hanging mercury drop electrode. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , <b>1987</b> , 237, 105-112		2
7	1,8-Dihydroxyanthraquinone-Mg(II) complex. <i>Microchemical Journal</i> , <b>1985</b> , 31, 118-123	4.8	2
6	Voltammetric behavior of pyrimethamine in veterinary formulations using square-wave and adsorptive square-wave techniques. <i>Electroanalysis</i> , <b>1995</b> , 7, 1156-1160	3	1
5	Determination of orotic acid (vitamin B13) in milk by differential pulse polarography (DPP). <i>Fresenius Journal of Analytical Chemistry</i> , <b>1990</b> , 338, 80-81		1
4	Adsorptive stripping voltammetry of anti-human myoglobin. <i>Journal of Electroanalytical Chemistry and Interfacial Electrochemistry</i> , <b>1988</b> , 256, 77-82		1
3	Cathodic stripping voltammetry of orotic acid (vitamin B13) at the hanging mercury drop electrode (HMDE). <i>Fresenius Zeitschrift für Analytische Chemie</i> , <b>1988</b> , 330, 146-148		1
2	A Rapid, Direct and Validated HPLC- Fluorescence Method for the Quantification of Abiraterone and Abiraterone Acetate in Urine and Serum Samples from Patients with Castration- Resistant Prostate Cancer. <i>Current Pharmaceutical Analysis</i> , <b>2018</b> , 14, 233-238	0.6	1
1	Direct Electrochemical Immunoassays Involving Adsorbed or Immobilised Species <b>1990</b> , 367-371		