

Marcela A Segundo

List of Publications by Year in Descending Order

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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.

143
papers

3,168
citations

31
h-index

51
g-index

150
ext. papers

3,522
ext. citations

5.1
avg. IF

5.25
L-index

#	Paper	IF	Citations
143	Development of a Screening Method for Sulfamethoxazole in Environmental Water by Digital Colorimetry Using a Mobile Device. <i>Chemosensors</i> , 2022 , 10, 25	4	0
142	An Edge-Based Computer Vision Approach for Determination of Sulfonamides in Water. <i>Lecture Notes in Computer Science</i> , 2022 , 415-429	0.9	
141	Cost-Efficient Color Correction Approach on Uncontrolled Lighting Conditions. <i>Lecture Notes in Computer Science</i> , 2021 , 90-99	0.9	1
140	Acetonitrile Adducts of Tranexamic Acid as Sensitive Ions for Quantification at Residue Levels in Human Plasma by UHPLC-MS/MS. <i>Pharmaceuticals</i> , 2021 , 14,	5.2	1
139	Effects of Zinc Source and Enzyme Addition on the Fecal Microbiota of Dogs. <i>Frontiers in Microbiology</i> , 2021 , 12, 688392	5.7	0
138	Effects of diet supplementation with sodium selenite and selenium-enriched in puppies health performance from post-weaning to adulthood. <i>Animal Feed Science and Technology</i> , 2021 , 274, 114897	3	
137	Miniaturized analytical methods for determination of environmental contaminants of emerging concern - A review. <i>Analytica Chimica Acta</i> , 2021 , 1158, 238108	6.6	20
136	Mobile Application for Determining the Concentration of Sulfonamides in Water Using Digital Image Colorimetry. <i>Lecture Notes in Computer Science</i> , 2021 , 468-484	0.9	1
135	Automatic and renewable micro-solid-phase extraction based on bead injection lab-on-valve system for determination of tranexamic acid in urine by UHPLC coupled with tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2021 , 1	4.4	1
134	A Pilot Study Combining Ultrafiltration with Ozonation for the Treatment of Secondary Urban Wastewater: Organic Micropollutants, Microbial Load and Biological Effects. <i>Water (Switzerland)</i> , 2020 , 12, 3458	3	5
133	Flow-Based Dynamic Approach to Assess Bioaccessible Zinc in Dry Dog Food Samples. <i>Molecules</i> , 2020 , 25,	4.8	3
132	Effect of Zinc Source and Exogenous Enzymes Supplementation on Zinc Status in Dogs Fed High Phytate Diets. <i>Animals</i> , 2020 , 10,	3.1	4
131	Microplate ORAC-pyranine spectrophotometric assay for high-throughput assessment of antioxidant capacity. <i>Microchemical Journal</i> , 2020 , 158, 105156	4.8	6
130	Ecotoxicological equilibria of triclosan in Microtox, XenoScreen YES/YAS, Caco2, HEPG2 and liposomal systems are affected by the occurrence of other pharmaceutical and personal care emerging contaminants. <i>Science of the Total Environment</i> , 2020 , 719, 137358	10.2	9
129	Insights on Ultrafiltration-Based Separation for the Purification and Quantification of Methotrexate in Nanocarriers. <i>Molecules</i> , 2020 , 25,	4.8	6
128	Emergent Glycerophospholipid Fluorescent Probes: Synthesis and Applications. <i>Bioconjugate Chemistry</i> , 2020 , 31, 417-435	6.3	6
127	Miniaturized Fluorimetric Method for Quantification of Zinc in Dry Dog Food. <i>Journal of Analytical Methods in Chemistry</i> , 2020 , 2020, 8821809	2	0

126	Supplemental selenium source on gut health: insights on fecal microbiome and fermentation products of growing puppies. <i>FEMS Microbiology Ecology</i> , 2020 , 96,	4.3	16
125	Determination of neuropeptide Y Y1 receptor antagonist BIBP 3226 and evaluation of receptor expression based on liquid chromatography coupled with tandem mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , 2020 , 412, 6625-6632	4.4	1
124	Fast monolith-based chromatographic method for determination of methotrexate in drug delivery studies. <i>Microchemical Journal</i> , 2019 , 148, 185-189	4.8	3
123	Automated lab-on-valve sequential injection ELISA for determination of carbamazepine. <i>Analytica Chimica Acta</i> , 2019 , 1076, 91-99	6.6	9
122	Salivary Cotinine Assays 2019 , 411-418		
121	Screening of fluoroquinolones in environmental waters using disk-based solid-phase extraction combined to microplate fluorimetric determination and LC-MS/MS. <i>International Journal of Environmental Analytical Chemistry</i> , 2019 , 99, 258-269	1.8	4
120	Fully-programmable synthesis of sucrose-mediated gold nanoparticles for detection of ciprofloxacin. <i>Materials Chemistry and Physics</i> , 2019 , 238, 121917	4.4	7
119	Antibody conjugation to carboxyl-modified microspheres through N-hydroxysuccinimide chemistry for automated immunoassay applications: A general procedure. <i>PLoS ONE</i> , 2019 , 14, e0218686	3.7	3
118	Assessment of immunoglobulin capture in immobilized protein A through automatic bead injection. <i>Talanta</i> , 2019 , 204, 542-547	6.2	3
117	Characterization of phospholipid vesicles containing lauric acid: physicochemical basis for process and product development. <i>Heliyon</i> , 2019 , 5, e02648	3.6	8
116	Estimation of Sulfonamides Concentration in Water Based on Digital Colourimetry. <i>Lecture Notes in Computer Science</i> , 2019 , 355-366	0.9	3
115	Paper-Based Biosensors for Analysis of Water 2019 ,		2
114	Stig Pedersen-Bjergaard, Bente Gammelgaard, and Trine Grønhaug Halvorsen: Introduction to pharmaceutical analytical chemistry, 2nd ed. <i>Analytical and Bioanalytical Chemistry</i> , 2019 , 411, 7927-7928	4.4	
113	Determination of tranexamic acid in human plasma by UHPLC coupled with tandem mass spectrometry targeting sub-microgram per milliliter levels. <i>Microchemical Journal</i> , 2019 , 144, 144-150	4.8	6
112	New Insights into the Anti-Inflammatory and Antioxidant Properties of Nitrated Phospholipids. <i>Lipids</i> , 2018 , 53, 117-131	1.6	18
111	Automatic solid-phase extraction by programmable flow injection coupled to chromatographic fluorimetric determination of fluoroquinolones. <i>Analytical Methods</i> , 2018 , 10, 2180-2186	3.2	3
110	Gas-phase structural characterization of neuropeptides Y Y1 receptor antagonists using mass spectrometry: Orbitrap vs triple quadrupole. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 151, 227-234	3.5	3
109	Screening of sulfonamides in waters based on miniaturized solid phase extraction and microplate spectrophotometric detection. <i>Analytical Methods</i> , 2018 , 10, 690-696	3.2	5

108	Micro-bead injection spectroscopy for label-free automated determination of immunoglobulin G in human serum. <i>Analytical and Bioanalytical Chemistry</i> , 2018 , 410, 981-988	4.4	7
107	Chromatographic method for the simultaneous quantification of dapsone and clofazimine in nanoformulations. <i>Journal of Separation Science</i> , 2018 , 41, 3382-3388	3.4	2
106	Nanosystems as modulators of intestinal dapsone and clofazimine delivery. <i>Biomedicine and Pharmacotherapy</i> , 2018 , 103, 1392-1396	7.5	6
105	Determination of salivary cotinine as tobacco smoking biomarker. <i>TrAC - Trends in Analytical Chemistry</i> , 2018 , 105, 89-97	14.6	7
104	Development of PLGA nanoparticles loaded with clofazimine for oral delivery: Assessment of formulation variables and intestinal permeability. <i>European Journal of Pharmaceutical Sciences</i> , 2018 , 112, 28-37	5.1	21
103	Noncovalent PEG Coating of Nanoparticle Drug Carriers Improves the Local Pharmacokinetics of Rectal Anti-HIV Microbicides. <i>ACS Applied Materials & Interfaces</i> , 2018 , 10, 34942-34953	9.5	25
102	Nickel ferrite nanoparticles for removal of polar pharmaceuticals from water samples with multi-purpose features. <i>Adsorption</i> , 2018 , 24, 431-441	2.6	5
101	Mineral Composition of Dry Dog Foods: Impact on Nutrition and Potential Toxicity. <i>Journal of Agricultural and Food Chemistry</i> , 2018 , 66, 7822-7830	5.7	11
100	Effect of Touriga nacional Grape Extract on Characteristics of Mechanically Deboned Chicken Meat Kept Under Frozen Storage. <i>Journal of Food Process Engineering</i> , 2017 , 40, e12434	2.4	5
99	Cellular interactions of a lipid-based nanocarrier model with human keratinocytes: Unravelling transport mechanisms. <i>Acta Biomaterialia</i> , 2017 , 53, 439-449	10.8	18
98	Development and validation of a liquid chromatography-MS/MS method for simultaneous quantification of tenofovir and efavirenz in biological tissues and fluids. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2017 , 136, 120-125	3.5	11
97	Dynamic flow-through approach to evaluate readily bioaccessible antioxidants in solid food samples. <i>Talanta</i> , 2017 , 166, 162-168	6.2	6
96	Characterization of phospholipid nitroxidation by LC-MS in biomimetic models and in H9c2 Myoblast using a lipidomic approach. <i>Free Radical Biology and Medicine</i> , 2017 , 106, 219-227	7.8	11
95	Evaluation of the joint effect of the incorporation of mechanically deboned meat and grape extract on the formulation of chicken nuggets. <i>Food Science and Technology International</i> , 2017 , 23, 328-337	2.6	2
94	Kinetic matching approach for rapid assessment of endpoint antioxidant capacity 2017 , 321-331		
93	Topical co-delivery of methotrexate and etanercept using lipid nanoparticles: A targeted approach for psoriasis management. <i>Colloids and Surfaces B: Biointerfaces</i> , 2017 , 159, 23-29	6	31
92	pH-sensitive nanoparticles for improved oral delivery of dapsone: risk assessment, design, optimization and characterization. <i>Nanomedicine</i> , 2017 , 12, 1975-1990	5.6	10
91	Analytical methods for quantification of tranexamic acid in biological fluids: A review. <i>Microchemical Journal</i> , 2017 , 134, 333-342	4.8	10

90	Does ultrasound improve the activity of alpha amylase? A comparative study towards a tailor-made enzymatic hydrolysis of starch. <i>LWT - Food Science and Technology</i> , 2017 , 84, 674-685	5.4	13
89	High-sensitivity programmable flow method for assessment of total antioxidant capacity in biological samples. <i>Microchemical Journal</i> , 2016 , 124, 261-266	4.8	3
88	Methotrexate loaded lipid nanoparticles for topical management of skin-related diseases: Design, characterization and skin permeation potential. <i>International Journal of Pharmaceutics</i> , 2016 , 512, 14-21	6.5	29
87	Nanoparticles-in-film for the combined vaginal delivery of anti-HIV microbicide drugs. <i>Journal of Controlled Release</i> , 2016 , 243, 43-53	11.7	66
86	Do cinnamylideneacetophenones have antioxidant properties and a protective effect toward the oxidation of phosphatidylcholines?. <i>European Journal of Medicinal Chemistry</i> , 2016 , 121, 331-337	6.8	3
85	Fluoroquinolones and sulfonamides: features of their determination in water. A review. <i>International Journal of Environmental Analytical Chemistry</i> , 2016 , 96, 185-202	1.8	15
84	Recent Advances on Mass Spectrometry Analysis of Nitrated Phospholipids. <i>Analytical Chemistry</i> , 2016 , 88, 2622-9	7.8	20
83	Photocatalytic ozonation of urban wastewater and surface water using immobilized TiO ₂ with LEDs: Micropollutants, antibiotic resistance genes and estrogenic activity. <i>Water Research</i> , 2016 , 94, 10-22	12.5	150
82	Analysis of 17- β -Estradiol and 17- β -Ethinylestradiol in biological and environmental matrices [A review. <i>Microchemical Journal</i> , 2016 , 126, 243-262	4.8	84
81	Programmable flow system for automation of oxygen radical absorbance capacity assay using pyrogallol red for estimation of antioxidant reactivity. <i>Talanta</i> , 2016 , 150, 599-606	6.2	14
80	Determination of salivary cotinine through solid phase extraction using a bead-injection lab-on-valve approach hyphenated to hydrophilic interaction liquid chromatography. <i>Journal of Chromatography A</i> , 2016 , 1429, 284-91	4.5	14
79	On-line automated evaluation of lipid nanoparticles transdermal permeation using Franz diffusion cell and low-pressure chromatography. <i>Talanta</i> , 2016 , 146, 369-74	6.2	13
78	Development and validation of HPLC method with fluorometric detection for quantification of bisnaphthalimidopropylidiaminooctane in animal tissues following administration in polymeric nanoparticles. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2016 , 120, 290-6	3.5	2
77	Rapid assessment of bioactive phenolics and methylxanthines in spent coffee grounds by FT-NIR spectroscopy. <i>Talanta</i> , 2016 , 147, 460-7	6.2	44
76	Fully automatic flow-based device for monitoring of drug permeation across a cell monolayer. <i>Analytical and Bioanalytical Chemistry</i> , 2016 , 408, 971-81	4.4	4
75	Fluorometric method based on molecular recognition solid-phase extraction for determination of riboflavin in milk and infant formula. <i>Journal of Food Composition and Analysis</i> , 2016 , 45, 141-146	4.1	11
74	Analytical Features of Diclofenac Evaluation in Water as a Potential Marker of Anthropogenic Pollution. <i>Current Pharmaceutical Analysis</i> , 2016 , 13, 39-47	0.6	4
73	Nanoscale Delivery of Resveratrol towards Enhancement of Supplements and Nutraceuticals. <i>Nutrients</i> , 2016 , 8, 131	6.7	55

72	Development and validation of a HPLC method using a monolithic column for quantification of trans-resveratrol in lipid nanoparticles for intestinal permeability studies. <i>Journal of Agricultural and Food Chemistry</i> , 2015 , 63, 3114-20	5.7	9
71	Myoglobin microplate assay to evaluate prevention of protein peroxidation. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 114, 305-11	3.5	4
70	Valorization of grape pomace: Extraction of bioactive phenolics with antioxidant properties. <i>Industrial Crops and Products</i> , 2015 , 74, 397-406	5.9	72
69	Automatic flow injection analysis (FIA) determination of total reducing capacity in serum and urine samples. <i>Methods in Molecular Biology</i> , 2015 , 1208, 277-84	1.4	1
68	Kinetic matching approach applied to ABTS assay for high-throughput determination of total antioxidant capacity of food products. <i>Journal of Food Composition and Analysis</i> , 2014 , 33, 187-194	4.1	18
67	A new topical formulation for psoriasis: development of methotrexate-loaded nanostructured lipid carriers. <i>International Journal of Pharmaceutics</i> , 2014 , 477, 519-26	6.5	77
66	Antioxidant profile of commercial oenological tannins determined by multiple chemical assays. <i>Australian Journal of Grape and Wine Research</i> , 2014 , 20, 72-79	2.4	22
65	Lab-on-valve combined with a kinetic-matching approach for fast evaluation of total antioxidant capacity in wines. <i>Analytical Methods</i> , 2014 , 6, 3622	3.2	10
64	Assessing oral bioaccessibility of trace elements in soils under worst-case scenarios by automated in-line dynamic extraction as a front end to inductively coupled plasma atomic emission spectrometry. <i>Analytica Chimica Acta</i> , 2014 , 842, 1-10	6.6	23
63	Co-association of methotrexate and SPIONs into anti-CD64 antibody-conjugated PLGA nanoparticles for theranostic application. <i>International Journal of Nanomedicine</i> , 2014 , 9, 4911-22	7.3	35
62	Lipid nanoparticles for topical and transdermal application for alopecia treatment: development, physicochemical characterization, and in vitro release and penetration studies. <i>International Journal of Nanomedicine</i> , 2014 , 9, 1231-42	7.3	43
61	Insights on antioxidant assays for biological samples based on the reduction of copper complexes-the importance of analytical conditions. <i>International Journal of Molecular Sciences</i> , 2014 , 15, 11387-402	6.3	27
60	Automated microdialysis-based system for in situ microsampling and investigation of lead bioavailability in terrestrial environments under physiologically based extraction conditions. <i>Environmental Science & Technology</i> , 2013 , 47, 11668-75	10.3	8
59	Combining ultrasound-assisted extraction and a microliter colorimetric assay for the streamlined determination of urea in animal feedstuff. <i>Journal of Agricultural and Food Chemistry</i> , 2013 , 61, 9602-8	5.7	2
58	Insights about Tocopherol and Trolox interaction with phosphatidylcholine monolayers under peroxidation conditions through Brewster angle microscopy. <i>Colloids and Surfaces B: Biointerfaces</i> , 2013 , 111, 626-35	6	12
57	Photosensitized oxidation of phosphatidylethanolamines monitored by electrospray tandem mass spectrometry. <i>Journal of Mass Spectrometry</i> , 2013 , 48, 1357-65	2.2	18
56	Rapid assessment of endpoint antioxidant capacity of red wines through microchemical methods using a kinetic matching approach. <i>Talanta</i> , 2012 , 97, 473-83	6.2	53
55	Automated solid-phase spectrophotometric system for optosensing of bromate in drinking waters. <i>Analytical Methods</i> , 2012 , 4, 1229	3.2	14

54	Automatic Aluminum Chloride Method for Routine Estimation of Total Flavonoids in Red Wines and Teas. <i>Food Analytical Methods</i> , 2012 , 5, 530-539	3.4	14
53	A membraneless gas-diffusion unit-multisyringe flow injection spectrophotometric method for ammonium determination in untreated environmental samples. <i>Talanta</i> , 2011 , 84, 1244-52	6.2	33
52	Universal approach for mesofluidic handling of bead suspensions in lab-on-valve format. <i>Talanta</i> , 2011 , 84, 846-52	6.2	13
51	High-throughput total cupric ion reducing antioxidant capacity of biological samples determined using flow injection analysis and microplate-based methods. <i>Analytical Sciences</i> , 2011 , 27, 483	1.7	27
50	Highly integrated flow assembly for automated dynamic extraction and determination of readily bioaccessible chromium(VI) in soils exploiting carbon nanoparticle-based solid-phase extraction. <i>Analytical and Bioanalytical Chemistry</i> , 2011 , 400, 2217-27	4.4	21
49	Spectrophotometric Determination of Bromate in Water Using Multisyringe Flow Injection Analysis. <i>Analytical Letters</i> , 2011 , 44, 284-297	2.2	15
48	Flow-through dispersed carbon nanofiber-based microsolid-phase extraction coupled to liquid chromatography for automatic determination of trace levels of priority environmental pollutants. <i>Analytical Chemistry</i> , 2011 , 83, 5237-44	7.8	44
47	Automatic flow system for evaluation of polystyrene-divinylbenzene sorbents applied to preconcentration of phenolic pollutants. <i>International Journal of Environmental Analytical Chemistry</i> , 2011 , 91, 884-899	1.8	1
46	Enzyme based assays in a sequential injection format: a review. <i>Analytica Chimica Acta</i> , 2011 , 689, 160-776.6		42
45	Analytical potential of mesofluidic lab-on-a-valve as a front end to column-separation systems. <i>TrAC - Trends in Analytical Chemistry</i> , 2011 , 30, 153-164	14.6	35
44	Determination of the scavenging capacity against reactive nitrogen species by automatic flow injection-based methodologies. <i>Methods in Molecular Biology</i> , 2011 , 704, 91-104	1.4	1
43	High-throughput microplate assay for the determination of drug partition coefficients. <i>Nature Protocols</i> , 2010 , 5, 1823-30	18.8	56
42	Online hyphenation of multimodal microsolid phase extraction involving renewable molecularly imprinted and reversed-phase sorbents to liquid chromatography for automatic multiresidue assays. <i>Analytical Chemistry</i> , 2010 , 82, 3052-60	7.8	40
41	Hydrogen peroxide, antioxidant compounds and biological targets: an in vitro approach for determination of scavenging capacity using fluorimetric multisyringe flow injection analysis. <i>Talanta</i> , 2010 , 81, 1840-6	6.2	3
40	Rapid microplate high-throughput methodology for assessment of Folin-Ciocalteu reducing capacity. <i>Talanta</i> , 2010 , 83, 441-7	6.2	92
39	Exploiting automatic on-line renewable molecularly imprinted solid-phase extraction in lab-on-valve format as front end to liquid chromatography: application to the determination of riboflavin in foodstuffs. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 397, 77-86	4.4	35
38	Fully automatic flow method for the determination of scavenging capacity against nitric oxide radicals. <i>Analytical and Bioanalytical Chemistry</i> , 2010 , 397, 3005-14	4.4	8
37	Oscillating chemiluminescence systems: state of the art. <i>Luminescence</i> , 2010 , 25, 409-18	2.5	20

36	On-line renewable solid-phase extraction hyphenated to liquid chromatography for the determination of UV filters using bead injection and multisyringe-lab-on-valve approach. <i>Journal of Chromatography A</i> , 2010 , 1217, 3575-82	4.5	45
35	Use of liposomes to evaluate the role of membrane interactions on antioxidant activity. <i>Methods in Molecular Biology</i> , 2010 , 606, 167-88	1.4	9
34	Indirect Sequential Injection Enzymatic Determination of Allopurinol in Pharmaceuticals Based on Xanthine Oxidase Inhibition. <i>Spectroscopy Letters</i> , 2009 , 42, 341-350	1.1	2
33	Multisyringe flow injection analysis system for automation of standard addition calibration method. <i>Microchemical Journal</i> , 2009 , 92, 180-185	4.8	5
32	Multi-syringe flow-injection systems improve antioxidant assessment. <i>TrAC - Trends in Analytical Chemistry</i> , 2009 , 28, 952-960	14.6	11
31	Multisyringe flow injection system for solid-phase extraction coupled to liquid chromatography using monolithic column for screening of phenolic pollutants. <i>Talanta</i> , 2009 , 77, 1466-72	6.2	29
30	Flow injection based methods for fast screening of antioxidant capacity. <i>Talanta</i> , 2009 , 77, 1559-66	6.2	57
29	Automatic flow injection based methodologies for determination of scavenging capacity against biologically relevant reactive species of oxygen and nitrogen. <i>Talanta</i> , 2009 , 78, 1219-26	6.2	18
28	Spectrophotometric FIA methods for determination of hydrogen peroxide: application to evaluation of scavenging capacity. <i>Talanta</i> , 2009 , 79, 1169-76	6.2	19
27	Interfacing multisyringe flow injection analysis to flame atomic emission spectrometry: an intelligent system for automatic sample dilution and determination of potassium. <i>Journal of Analytical Atomic Spectrometry</i> , 2009 , 24, 340-346	3.7	12
26	Food, Beverages and Agricultural Applications. <i>Comprehensive Analytical Chemistry</i> , 2008 , 513-558	1.9	3
25	Direct introduction of slurry samples in multi-syringe flow injection analysis: determination of potassium in plant samples. <i>Analytical Sciences</i> , 2008 , 24, 601-6	1.7	3
24	Isolation and identification of antioxidants from <i>Pedilanthus tithymaloides</i> . <i>Journal of Natural Medicines</i> , 2008 , 62, 67-70	3.3	15
23	Methodological aspects about in vitro evaluation of antioxidant properties. <i>Analytica Chimica Acta</i> , 2008 , 613, 1-19	6.6	483
22	Automatic in vitro determination of hypochlorous acid scavenging capacity exploiting multisyringe flow injection analysis and chemiluminescence. <i>Analytical Chemistry</i> , 2007 , 79, 3933-9	7.8	31
21	Flow-through solid-phase reflectometric method for simultaneous multiresidue determination of nitrophenol derivatives. <i>Analytica Chimica Acta</i> , 2007 , 600, 155-63	6.6	33
20	Automatic flow system for sequential determination of ABTS*+ scavenging capacity and Folin-Ciocalteu index: a comparative study in food products. <i>Analytica Chimica Acta</i> , 2007 , 592, 193-201	6.6	19
19	Multi-syringe flow injection system for the determination of the scavenging capacity of the diphenylpicrylhydrazyl radical in methanol and ethanolic media. <i>Mikrochimica Acta</i> , 2007 , 157, 113-118	5.8	5

18	Kinetic enzymatic determination of glycerol in wine and beer using a sequential injection system with spectrophotometric detection. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 4136-40	5.7	11
17	Automatic method for the determination of Folin-Ciocalteu reducing capacity in food products. <i>Journal of Agricultural and Food Chemistry</i> , 2006 , 54, 5241-6	5.7	52
16	Anti-inflammatory and antioxidant activity of a medicinal tincture from <i>Pedilanthus tithymaloides</i> . <i>Life Sciences</i> , 2006 , 78, 1578-85	6.8	32
15	Multisyringe flow injection analysis: state-of-the-art and perspectives. <i>Analytical Sciences</i> , 2006 , 22, 3-8	1.7	64
14	Automatic method for determination of total antioxidant capacity using 2,2-diphenyl-1-picrylhydrazyl assay. <i>Analytica Chimica Acta</i> , 2006 , 558, 310-318	6.6	59
13	Potentiometric multi-syringe flow injection system for determination of exchangeable potassium in soils with in-line extraction. <i>Microchemical Journal</i> , 2006 , 83, 75-80	4.8	10
12	Spectrophotometric determination of iron and boron in soil extracts using a multi-syringe flow injection system. <i>Talanta</i> , 2005 , 66, 703-11	6.2	61
11	Sample introduction in multi-syringe flow injection systems: comparison between time-based and volume-based strategies. <i>Analytica Chimica Acta</i> , 2005 , 537, 207-214	6.6	17
10	Multi-Syringe Flow Injection System with In-Line Pre-Concentration for the Determination of Total Phenolic Compounds. <i>Mikrochimica Acta</i> , 2005 , 150, 187-196	5.8	21
9	Multi-syringe flow injection system for the determination of available phosphorus in soil samples. <i>International Journal of Environmental Analytical Chemistry</i> , 2005 , 85, 51-62	1.8	7
8	Automatic flow systems based on sequential injection analysis for routine determinations in wines. <i>Analytica Chimica Acta</i> , 2004 , 513, 3-9	6.6	15
7	Multi-syringe flow injection system with in-line microwave digestion for the determination of phosphorus. <i>Talanta</i> , 2004 , 64, 1283-9	6.2	18
6	Kinetic determination of l(α)-malic acid in wines using sequential injection analysis. <i>Analytica Chimica Acta</i> , 2003 , 499, 99-106	6.6	9
5	Use of a mixing chamber for sample preparation and multiple collection in sequential injection analysis: determination of sulfate in wines. <i>Journal of the Brazilian Chemical Society</i> , 2003 , 14,	1.5	2
4	Sequential injection flow system with improved sample throughput: determination of glycerol and ethanol in wines. <i>Analytica Chimica Acta</i> , 2002 , 458, 131-138	6.6	37
3	A gas diffusion sequential injection system for the determination of sulphur dioxide in wines. <i>Analytica Chimica Acta</i> , 2001 , 427, 279-286	6.6	47
2	Sequential injection system for the spectrophotometric determination of reducing sugars in wines. <i>Talanta</i> , 2000 , 52, 59-66	6.2	20
1	Multisyringe flow system: determination of sulfur dioxide in wines. <i>Analyst, The</i> , 2000 , 125, 1501-1505	5	48

