

# Ricardo J. Cassella

## 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.

126 papers	2,211 citations	26 h-index	37 g-index
136 ext. papers	2,378 ext. citations	4.7 avg, IF	5.14 L-index

#	Paper	IF	Citations
126	Synthesis and application of a functionalized resin for flow injection/F AAS copper determination in waters. <i>Talanta</i> , <b>2005</b> , 67, 121-8	6.2	99
125	Employment of polyurethane foam for the adsorption of Methylene Blue in aqueous medium. <i>Journal of Hazardous Materials</i> , <b>2008</b> , 159, 580-6	12.8	89
124	Multivariate technique for optimization of digestion procedure by focussed microwave system for determination of Mn, Zn and Fe in food samples using FAAS. <i>Talanta</i> , <b>2006</b> , 68, 1083-8	6.2	73
123	Extraction induced by emulsion breaking: a novel strategy for the trace metals determination in diesel oil samples by electrothermal atomic absorption spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2010</b> , 25, 1704	3.7	56
122	Multivariate optimization of a liquid-liquid extraction of the EPA-PAHs from natural contaminated waters prior to determination by liquid chromatography with fluorescence detection. <i>Talanta</i> , <b>2008</b> , 74, 1392-9	6.2	55
121	Separation of Malachite Green and Methyl Green cationic dyes from aqueous medium by adsorption on Amberlite XAD-2 and XAD-4 resins using sodium dodecylsulfate as carrier. <i>Chemical Engineering Journal</i> , <b>2011</b> , 171, 532-540	14.7	52
120	Application of the extraction induced by emulsion breaking for the determination of chromium and manganese in edible oils by electrothermal atomic absorption spectrometry. <i>Talanta</i> , <b>2012</b> , 99, 104-12	6.2	44
119	Polyurethane foam as a sorbent for continuous flow analysis: Preconcentration and spectrophotometric determination of zinc in biological materials. <i>Analytica Chimica Acta</i> , <b>1998</b> , 366, 263-269	6.6	43
118	Flow injection determination of cobalt after its sorption onto polyurethane foam loaded with 2-(2-thiazolylazo)-p-cresol (TAC). <i>Talanta</i> , <b>2001</b> , 54, 61-7	6.2	40
117	Extraction induced by emulsion breaking for metals determination in diesel oil by ICP-MS. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2012</b> , 27, 364-370	3.7	39
116	Multivariate optimization of the determination of zinc in diesel oil employing a novel extraction strategy based on emulsion breaking. <i>Analytica Chimica Acta</i> , <b>2011</b> , 690, 79-85	6.6	39
115	An on-line solid phase extraction system using polyurethane foam for the spectrophotometric determination of nickel in silicates and alloys. <i>Analytica Chimica Acta</i> , <b>1999</b> , 378, 287-292	6.6	38
114	Novel extraction induced by emulsion breaking as a tool for the determination of trace concentrations of Cu, Mn and Ni in biodiesel by electrothermal atomic absorption spectrometry. <i>Talanta</i> , <b>2013</b> , 117, 32-8	6.2	37
113	Determination of arsenic in petroleum refinery streams by electrothermal atomic absorption spectrometry after multivariate optimization based on Doehlert design. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , <b>2002</b> , 57, 1967-1978	3.1	36
112	Extraction induced by emulsion breaking as a tool for Ca and Mg determination in biodiesel by fast sequential flame atomic absorption spectrometry (FS-FAAS) using Co as internal standard. <i>Microchemical Journal</i> , <b>2014</b> , 117, 172-177	4.8	32
111	Application of the extraction induced by emulsion breaking for the determination of Cu, Fe and Mn in used lubricating oils by flame atomic absorption spectrometry. <i>Talanta</i> , <b>2013</b> , 110, 21-7	6.2	32
110	Direct determination of arsenic and antimony in naphtha by electrothermal atomic absorption spectrometry with microemulsion sample introduction and iridium permanent modifier. <i>Analytical and Bioanalytical Chemistry</i> , <b>2004</b> , 379, 66-71	4.4	32

109	On-line preconcentration system for flame atomic absorption spectrometry using unloaded polyurethane foam: determination of zinc in waters and biological materials. <i>Journal of Analytical Atomic Spectrometry</i> , <b>1999</b> , 14, 1749-1753	3.7	32
108	Polyurethane foam loaded with SDS for the adsorption of cationic dyes from aqueous medium: Multivariate optimization of the loading process. <i>Journal of Hazardous Materials</i> , <b>2009</b> , 167, 653-9	12.8	30
107	Determination of Cu, Fe, Mn and Zn by flame atomic absorption spectrometry in multivitamin/multimineral dosage forms or tablets after an acidic extraction. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2007</b> , 43, 304-10	3.5	30
106	Flow injection-FTIR determination of dithiocarbamatepesticides. <i>Analyst, The</i> , <b>2000</b> , 125, 1829-1833	5	30
105	Selectivity enhancement in spectrophotometry: on-line interference suppression using polyurethane foam minicolumn for aluminum determination with Methyl Thymol Blue. <i>Analyst, The</i> , <b>1999</b> , 124, 805-808	5	28
104	Extraction induced by emulsion breaking for determination of Ba, Ca, Mg and Na in crude oil by inductively coupled plasma optical emission spectrometry. <i>Microchemical Journal</i> , <b>2016</b> , 124, 338-343	4.8	27
103	Optimization of an open-focused microwave oven digestion procedure for determination of metals in diesel oil by inductively coupled plasma optical emission spectrometry. <i>Journal of Hazardous Materials</i> , <b>2007</b> , 149, 67-74	12.8	27
102	Determination of sulfide in waters by flow-injection solid phase spectrophotometry. <i>Analyst, The</i> , <b>2000</b> , 125, 1835-1838	5	27
101	Development of a method for total Hg determination in oil samples by cold vapor atomic absorption spectrometry after its extraction induced by emulsion breaking. <i>Talanta</i> , <b>2015</b> , 132, 733-8	6.2	26
100	Determination of chloride in brazilian crude oils by ion chromatography after extraction induced by emulsion breaking. <i>Journal of Chromatography A</i> , <b>2016</b> , 1458, 112-7	4.5	26
99	Application of a four-variables Doehlert design for the multivariate optimization of copper determination in petroleum-derived insulating oils by GFAAS employing the dilute-and-shot approach. <i>Fuel</i> , <b>2013</b> , 105, 503-511	7.1	26
98	Determination of metals in soft drinks packed in different materials by ETAAS. <i>Food Chemistry</i> , <b>2015</b> , 185, 488-94	8.5	25
97	Adsorption of paraquat from aqueous medium by Amberlite XAD-2 and XAD-4 resins using dodecylsulfate as counter ion. <i>Chemical Engineering Journal</i> , <b>2013</b> , 215-216, 691-698	14.7	25
96	Precipitation-dissolution system for silver preconcentration and determination by flow injection flame atomic absorption spectrometry. <i>Talanta</i> , <b>2002</b> , 56, 673-80	6.2	25
95	Multivariate optimization of a spectrophotometric method for copper determination in Brazilian sugar-cane spirits using the Doehlert design. <i>Microchemical Journal</i> , <b>2011</b> , 99, 118-124	4.8	24
94	A novel strategy based on in-syringe dispersive liquid-liquid microextraction for the determination of nickel in chocolate samples. <i>Talanta</i> , <b>2019</b> , 193, 23-28	6.2	24
93	Determination of inorganic mercury in petroleum production water by inductively coupled plasma optical emission spectrometry following photochemical vapor generation. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2016</b> , 31, 751-758	3.7	23
92	Retention of carbaryl by polyether type polyurethane foam: a critical study. <i>Analyst, The</i> , <b>2000</b> , 125, 257-261	3.61	23

91	Direct determination of lead in produced waters from petroleum exploration by electrothermal atomic absorption spectrometry X-ray fluorescence using IrW permanent modifier combined with hydrofluoric acid. <i>Analytica Chimica Acta</i> , <b>2005</b> , 545, 85-91	6.6	22
90	Speciation of inorganic antimony (III & V) employing polyurethane foam loaded with bromopyrogallol red. <i>Talanta</i> , <b>2016</b> , 150, 539-45	6.2	21
89	Multiple response optimization for Cu, Fe and Pb determination in naphtha by graphite furnace atomic absorption spectrometry with sample injection as detergent emulsion. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , <b>2011</b> , 66, 338-344	3.1	21
88	Solid phase extraction of Cu(II) as diethyldithiocarbamate (DDTC) complex by polyurethane foam. <i>Journal of the Brazilian Chemical Society</i> , <b>2003</b> , 14, 728-733	1.5	21
87	Novel extraction induced by microemulsion breaking: a model study for Hg extraction from Brazilian gasoline. <i>Talanta</i> , <b>2017</b> , 162, 249-255	6.2	20
86	Direct determination of vanadium in high saline produced waters from offshore petroleum exploration by electrothermal atomic absorption spectrometry. <i>Talanta</i> , <b>2006</b> , 69, 48-54	6.2	20
85	Focussed microwave-assisted sample preparation: total phenol determination in petroleum refinery effluents by flow injection spectrophotometry. <i>Microchemical Journal</i> , <b>2004</b> , 78, 35-40	4.8	20
84	Modeling, kinetic, and equilibrium characterization of paraquat adsorption onto polyurethane foam using the ion-pairing technique. <i>Journal of Environmental Management</i> , <b>2015</b> , 156, 200-8	7.9	19
83	Determination of lead by electrothermal atomic absorption spectrometry employing a novel sampling strategy of polyurethane foam impregnated with thiazolylazo-p-cresol (TAC). <i>Journal of the Brazilian Chemical Society</i> , <b>2004</b> , 15, 96-102	1.5	19
82	Polyurethane foam functionalized with phenylfluorone for online preconcentration and determination of copper and cadmium in water samples by flame atomic absorption spectrometry. <i>Microchemical Journal</i> , <b>2018</b> , 138, 92-97	4.8	18
81	Rapid on-line sample dissolution assisted by focused microwave radiation for silicate analysis employing flame atomic absorption spectrometry: iron determination. <i>Talanta</i> , <b>2004</b> , 62, 807-11	6.2	18
80	Development of a focused ultrasound-assisted extraction method for the determination of trace concentrations of Cr and Mn in pharmaceutical formulations by ETAAS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2013</b> , 74, 284-90	3.5	17
79	Adsorption of the herbicides diquat and difenzoquat on polyurethane foam: Kinetic, equilibrium and computational studies. <i>Ecotoxicology and Environmental Safety</i> , <b>2017</b> , 145, 597-604	7	17
78	Characterization of solid-phase extraction of Fe(III) by unloaded polyurethane foam as thiocyanate complex. <i>Journal of Colloid and Interface Science</i> , <b>2007</b> , 315, 63-9	9.3	17
77	Extraction induced by emulsion breaking: A model study on metal extraction from mineral oil. <i>Fuel</i> , <b>2018</b> , 215, 592-600	7.1	16
76	Estuarine sediment quality assessment by Fourier-transform infrared spectroscopy. <i>Vibrational Spectroscopy</i> , <b>2010</b> , 53, 204-213	2.1	16
75	Multivariate optimization of a microwave-assisted leaching procedure using dilute acid solutions, for FAAS determination of Cu, Fe, Mn, and Zn in multivitamin/multimineral supplements. <i>Analytical and Bioanalytical Chemistry</i> , <b>2007</b> , 387, 1113-20	4.4	16
74	Solid-Phase Extraction of Cd(II) as Diethyldithiocarbamate Complex by Polyurethane Foam: Kinetic and Thermodynamic Characterization. <i>Separation Science and Technology</i> , <b>2004</b> , 39, 2695-2709	2.5	16

73	Stabilization of aviation gasoline as detergent emulsion for lead determination by electrothermal atomic absorption spectrometry. <i>Fuel Processing Technology</i> , <b>2011</b> , 92, 933-938	7.2	15
72	Development of an integrated flow injection system for the electro-oxidative leaching of uranium from geological samples and its spectrophotometric determination with Arsenazo III. <i>Analytica Chimica Acta</i> , <b>2008</b> , 620, 89-96	6.6	15
71	Selenium determination by electrothermal atomic absorption spectrometry in petroleum refinery aqueous streams containing volatile organic compounds. <i>Microchemical Journal</i> , <b>2002</b> , 71, 21-28	4.8	15
70	Novel extraction induced by microemulsion breaking for Cu, Ni, Pb and V determination in ethanol-containing gasoline by graphite furnace atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , <b>2019</b> , 151, 33-40	3.1	15
69	Direct determination of Cu and Fe in jet fuel by electrothermal atomic absorption spectrometry with injection of sample as detergent emulsions. <i>Fuel</i> , <b>2011</b> , 90, 1215-1220	7.1	14
68	On Line Dissolution of ZnS For Sulfide Determination in Stabilized Water Samples with Zinc Acetate, Using Spectrophotometry by Methylene Blue Method. <i>Spectroscopy Letters</i> , <b>1999</b> , 32, 469-484	1.1	14
67	An ionic liquid-based microextraction method for the determination of Cu and Ni in high-salinity produced water from offshore petroleum exploration by GF AAS. <i>Analytical Methods</i> , <b>2015</b> , 7, 6848-6855 <sup>3,2</sup>		13
66	Novel approach for the determination of azithromycin in pharmaceutical formulations by Fourier transform infrared spectroscopy in film-through transmission mode. <i>Microchemical Journal</i> , <b>2013</b> , 110, 301-307	4.8	13
65	Flow injection/atomic absorption spectrometric determination of zineb in commercial formulations of pesticide based on slurry sampling. <i>Analytical Sciences</i> , <b>2002</b> , 18, 1253-6	1.7	13
64	Determination of cocaine in Real banknotes circulating at the State of Rio de Janeiro, Brazil. <i>Forensic Science International</i> , <b>2015</b> , 251, 50-5	2.6	12
63	A simple analytical method for determining inorganic anions and formate in virgin olive oils by capillary electrophoresis with capacitively coupled contactless conductivity detection. <i>Food Control</i> , <b>2015</b> , 57, 327-332	6.2	12
62	Direct determination of sorbitol and sodium glutamate by attenuated total reflectance Fourier transform infrared spectroscopy (ATR-FTIR) in the thermostabilizer employed in the production of yellow-fever vaccine. <i>Talanta</i> , <b>2016</b> , 152, 33-8	6.2	12
61	Removal of Malachite Green from Aqueous Medium Employing Polyurethane Foam as Adsorbent and Sodium Dodecylsulfate as Carrier. <i>Water, Air, and Soil Pollution</i> , <b>2012</b> , 223, 1303-1313	2.6	12
60	Diffuse reflectance determination of Malachite Green using polyurethane foam as solid support and sodium dodecylsulfate as counter ion. <i>Talanta</i> , <b>2011</b> , 85, 749-53	6.2	12
59	Study of Rhodamine B Retention by Polyurethane Foam from Aqueous Medium in Presence of Sodium Dodecylsulfate. <i>Separation Science and Technology</i> , <b>2009</b> , 44, 3128-3149	2.5	12
58	On-line preconcentration and determination of Zn in natural water samples employing a styrene-divinylbenzene functionalized resin and flame atomic absorption spectrometry. <i>Analytical Sciences</i> , <b>2005</b> , 21, 939-44	1.7	12
57	A novel sampling strategy for cobalt determination by ETAAS using polyurethane foam. <i>Journal of Analytical Atomic Spectrometry</i> , <b>2002</b> , 17, 258-262	3.7	12
56	Removal of basic violet 3 dye from aqueous media using a steel industry residue as solid phase. <i>Journal of Environmental Chemical Engineering</i> , <b>2016</b> , 4, 4184-4193	6.8	11

55	Polyurethane foam loaded with sodium dodecylsulfate for the extraction of SquatSpesticides from aqueous medium: Optimization of loading conditions. <i>Ecotoxicology and Environmental Safety</i> , <b>2016</b> , 131, 72-8	7	11
54	Determination of rosuvastatin in urine by spectrofluorimetry after liquid-liquid extraction and derivatization in acidic medium. <i>Journal of Fluorescence</i> , <b>2013</b> , 23, 49-55	2.4	11
53	Novel spectrophotometric method for the determination of aluminum in soda drinks packed in cans and plastic bottles. <i>Journal of Hazardous Materials</i> , <b>2010</b> , 181, 485-90	12.8	11
52	Determination of total protein in hyperimmune serum samples by near-infrared spectrometry and multivariate calibration. <i>Analytical Biochemistry</i> , <b>2010</b> , 397, 175-80	3.1	11
51	Combined use of Pd and HF as chemical modifiers for the determination of total chromium in produced waters from petroleum exploration by ET AAS. <i>Microchemical Journal</i> , <b>2008</b> , 89, 116-122	4.8	11
50	On-line solid phase extraction with polyurethane foam: trace level spectrophotometric determination of iron in natural waters and biological materials. <i>Journal of Environmental Monitoring</i> , <b>2002</b> , 4, 522-7		11
49	Spectrophotometric determination of carbaryl by on-line elution after its preconcentration onto polyurethane foam. <i>Talanta</i> , <b>2000</b> , 52, 717-25	6.2	11
48	Novel spectrophotometric method for the determination of azithromycin in pharmaceutical formulations based on its charge transfer reaction with quinalizarin. <i>Journal of the Brazilian Chemical Society</i> , <b>2010</b> , 21, 1664-1671	1.5	11
47	Determination of Cr and Mn in moisturizing creams by graphite furnace atomic absorption spectrometry through direct introduction of the samples in the form of emulsions. <i>Microchemical Journal</i> , <b>2016</b> , 127, 1-6	4.8	10
46	Simultaneous determination of potassium, sodium, calcium, and magnesium in virgin olive oils by capillary electrophoresis with capacitively coupled contactless conductivity detection. <i>Analytical Methods</i> , <b>2014</b> , 6, 3629-3633	3.2	10
45	Direct determination of manganese in produced waters from petroleum exploration by Electrothermal Atomic Absorption Spectrometry using Ir-W as permanent modifier. <i>Talanta</i> , <b>2011</b> , 85, 415-9	6.2	10
44	Development of a reversed FIA system for the spectrophotometric determination of Sb(III) and total Sb in antileishmanial drugs. <i>Talanta</i> , <b>2007</b> , 71, 1047-53	6.2	10
43	Flow injection spectrophotometric determination of copper in petroleum refinery wastewaters. <i>Microchemical Journal</i> , <b>2002</b> , 72, 17-26	4.8	10
42	Extraction induced by microemulsion breaking as a novel tool for the simultaneous determination of Cd, Mn, Pb and Sb in gasoline samples by ICP-MS and discrete sample introduction. <i>Talanta</i> , <b>2020</b> , 206, 120230	6.2	10
41	Estudo da sorção do corante catiônico violeta cristal por espuma de poliuretano em meio aquoso contendo dodecilsulfato de sódio. <i>Química Nova</i> , <b>2009</b> , 32, 2039-2045	1.6	9
40	Childhood retroperitoneal lymphangioma presenting following minor trauma. <i>Injury</i> , <b>1999</b> , 30, 380-3	2.5	9
39	Polycyclic aromatic hydrocarbons in bays of the Rio de Janeiro state coast, SE - Brazil: Effects on catfishes. <i>Environmental Research</i> , <b>2020</b> , 181, 108959	7.9	9
38	Bioproducts from the pyrolysis of castor seed cake: Basic dye adsorption capacity of biochar and antifungal activity of the aqueous phase. <i>Journal of Environmental Chemical Engineering</i> , <b>2021</b> , 9, 104825	6.8	9



37	Determination of acetate and formate in vegetable oils by ion chromatography after multivariate optimization of the extraction process using a Doehlert design. <i>Food Chemistry</i> , <b>2018</b> , 269, 252-257	8.5	9
36	Solventless determination of total anionic surfactants in waters using polyurethane foam as support and analysis of digital images. <i>Microchemical Journal</i> , <b>2015</b> , 119, 44-50	4.8	8
35	Development of an ultrasonic slurry sampling method for the determination of Cu and Mn in antibiotic tablets by electrothermal atomic absorption spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2012</b> , 66, 197-203	3.5	8
34	Sorption of the herbicides diquat and difenzoquat from aqueous medium by polymeric resins in the presence of sodium dodecylsulfate: Kinetic and mechanistic study. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , <b>2016</b> , 51, 482-9	2.2	8
33	Study of the extraction of Ca, Mg and Zn from different types of lubricating oils (mineral, semi-synthetic and synthetic) employing the emulsion breaking strategy. <i>Microchemical Journal</i> , <b>2019</b> , 145, 1112-1118	4.8	8
32	Pressure variation in-syringe dispersive liquid-liquid microextraction associated with digital image colorimetry: Determination of cobalt in food samples. <i>Microchemical Journal</i> , <b>2020</b> , 157, 105064	4.8	7
31	Ultrasensitive and rapid immuno-detection of human IgE anti-therapeutic horse sera using an electrochemical immunosensor. <i>Analytical Biochemistry</i> , <b>2017</b> , 538, 13-19	3.1	7
30	Determination of lithium in pharmaceutical formulations used in the treatment of bipolar disorder by flow injection analysis with spectrophotometric detection. <i>Talanta</i> , <b>2007</b> , 73, 613-20	6.2	7
29	Determination of Total Fluoride in Oral Products by Using of Potentiometry With Ion Selective Electrode: A Critical Study. <i>Analytical Letters</i> , <b>2000</b> , 33, 819-829	2.2	7
28	A batch and fixed bed column study for fluorescein removal using chitosan modified by epichlorohydrin. <i>Journal of Environmental Science and Health - Part A Toxic/Hazardous Substances and Environmental Engineering</i> , <b>2018</b> , 53, 55-64	2.3	6
27	Optimization of a methodology for sampling of five polycyclic aromatic hydrocarbons in saline waters using a semipermeable membrane device. <i>Microchemical Journal</i> , <b>2015</b> , 122, 96-101	4.8	5
26	Distribution of copper in the vicinity of a deactivated mining site at Carajás in the Amazon region of Brazil. <i>Journal of Hazardous Materials</i> , <b>2007</b> , 142, 543-9	12.8	5
25	Evaluation of Extraction Induced by Emulsion Breaking for Ni and V Extraction from Off-Shore Brazilian Crude Oils. <i>Energy &amp; Fuels</i> , <b>2019</b> , 33, 10435-10441	4.1	5
24	Extraction Induced by Microemulsion Breaking: A Novel Strategy for Mg, Mn, and Zn Extraction from Ethyl Alcohol-Containing Gasoline. <i>Energy &amp; Fuels</i> , <b>2019</b> , 33, 3916-3924	4.1	4
23	Fluorescence determination of azithromycin in pharmaceutical formulations by using the synchronous scanning approach after its acid derivatization. <i>Journal of Fluorescence</i> , <b>2013</b> , 23, 31-9	2.4	4
22	Titanium-zinc polycitrate precursor: Influence of thermal treatment on structural, thermal, optical characteristics of zinc titanates. <i>Materials Chemistry and Physics</i> , <b>2019</b> , 236, 121768	4.4	3
21	Evaluation of a semi-permeable membrane device (SPMD) for passive sampling of solar filters from swimming pool waters and determination by HPLC-DAD. <i>Journal of Chromatography A</i> , <b>2019</b> , 1600, 23-32	4.5	3
20	Development of a non-destructive method for determining protein nitrogen in a yellow fever vaccine by near infrared spectroscopy and multivariate calibration. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2018</b> , 201, 170-177	4.4	3

19	Study of passive sampling of polycyclic aromatic hydrocarbons in gas phase using Amberlite XAD resins as filling materials of semipermeable membranes. <i>Microchemical Journal</i> , <b>2013</b> , 110, 494-500	4.8	3
18	Determinação espectrofotométrica de cefalexina em formulações farmacêuticas explorando a sua reação de transferência de carga com a quinalizarina. <i>Química Nova</i> , <b>2010</b> , 33, 914-919	1.6	3
17	Avaliação de métodos de extração para a determinação de cromo e níquel em formulações farmacêuticas e em matérias-primas usadas na fabricação de medicamentos base de cefalexina e ciprofloxacino. <i>Química Nova</i> , <b>2012</b> , 35, 1858-1864	1.6	3
16	Spectrophotometric Determination of Azithromycin in Pharmaceutical Formulations Employing the Reaction with Alizarin. <i>Revista Virtual De Química</i> , <b>2019</b> , 11, 1081-1096	1.3	3
15	Cadmium(II) determination in production waters from petroleum exploration after its separation from the highly saline matrix mediated by a semipermeable membrane device. <i>Microchemical Journal</i> , <b>2020</b> , 152, 104310	4.8	3
14	Passive sampling of toluene (and benzene) in indoor air using a semipermeable membrane device. <i>Ecotoxicology and Environmental Safety</i> , <b>2021</b> , 208, 111707	7	3
13	Microwave-Assisted Extraction of Chloride Followed by Ion Chromatography as an Alternative to the ASTM D6470 Method for the Determination of Crude Oil Salinity. <i>Energy &amp; Fuels</i> , <b>2020</b> , 34, 6844-6850	4.1	2
12	Development of an extraction method for the determination of inorganic anions (chloride, sulfate and phosphate) in edible oils from different origins by ion chromatography. <i>Journal of Food Science and Technology</i> , <b>2018</b> , 55, 3922-3929	3.3	2
11	Spectrophotometric determination of rosuvastatin in pharmaceutical formulations using quinalizarin. <i>Brazilian Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 53,	1.8	2
10	Direct determination of sitagliptin in pharmaceutical formulations and its determination in urine after solid-phase extraction by spectrofluorimetry. <i>Luminescence</i> , <b>2013</b> , 28, 873-8	2.5	2
9	Merging Zones FIA System for the Spectrophotometric Determination of Sb(III) and Total Sb in Drugs Used in the Treatment of Leishmaniasis. <i>Spectroscopy Letters</i> , <b>2006</b> , 39, 769-784	1.1	2
8	Renewable column on-line magnetic preconcentration of Cd(II) using FeO nanoparticles functionalized with L-glutamine for determination by flame atomic absorption spectrometry. <i>Talanta</i> , <b>2021</b> , 222, 121519	6.2	2
7	Use of a versatile, easy, and rapid atmospheric monitor (VERAM) passive samplers for pesticide determination in continental waters. <i>Analytical and Bioanalytical Chemistry</i> , <b>2016</b> , 408, 8495-8503	4.4	1
6	Development of a flow-injection analysis system with fluorescence detection for gatifloxacin determination in organized medium. <i>Luminescence</i> , <b>2015</b> , 30, 337-42	2.5	1
5	In-syringe dispersive liquid-liquid microextraction. <i>Talanta</i> , <b>2022</b> , 238, 123002	6.2	1
4	Evaluation of Copper and Manganese Concentrations in Commercial Fruit Juices and Nectars Consumed in Brazil by GF AAS. <i>Journal of Analytical Methods in Chemistry</i> , <b>2020</b> , 2020, 8816068	2	1
3	Simultaneous Voltammetric Determination of Cd <sup>2+</sup> and Pb <sup>2+</sup> in Gasoline Samples Employing a Chemically Modified Acrylonitrile-Butadiene-Styrene (ABS) Composite Electrode. <i>Electroanalysis</i> , <b>2021</b> , 33, 682-694	3	1
2	Extraction of permethrin from impregnated fabrics for determination by ultra-high performance liquid chromatography with diode array detection. <i>Journal of Environmental Science and Health - Part B Pesticides, Food Contaminants, and Agricultural Wastes</i> , <b>2021</b> , 56, 483-489	2.2	



- 1 Determination of adulterants of cocaine in Real banknotes in Brazil by HPLC-DAD. *Microchemical Journal*, **2022**, 178, 107401 4.8