

Edenir Pereira-Filho

List of Publications by Year in descending order

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Version: 2024-02-01

178
papers

3,775
citations

147801

31
h-index

182427

51
g-index

178
all docs

178
docs citations

178
times ranked

3766
citing authors

#	ARTICLE	IF	CITATIONS
1	Analytical and reclamation technologies for identification and recycling of precious materials from waste computer and mobile phones. <i>Chemosphere</i> , 2022, 286, 131739.	8.2	26
2	Professor Edenir Pereira Filho, a researcher with a broad and solid background in science and also a YouTuber, recently gave an interview to BrJAC. <i>Brazilian Journal of Analytical Chemistry</i> , 2022, 9, 3-7.	0.5	0
3	Current trends in laser-induced breakdown spectroscopy: a tutorial review. <i>Applied Spectroscopy Reviews</i> , 2021, 56, 98-114.	6.7	40
4	Chemical inspection and elemental analysis of electronic waste using data fusion - Application of complementary spectroanalytical techniques. <i>Talanta</i> , 2021, 225, 122025.	5.5	8
5	Minimal-Invasive Analytical Method and Data Fusion: an Alternative for Determination of Cu, K, Sr, and Zn in Cocoa Beans. <i>Food Analytical Methods</i> , 2021, 14, 545-551.	2.6	9
6	A novel strategy for direct elemental determination using laser-induced breakdown spectroscopy: fluence calibration. <i>Journal of Analytical Atomic Spectrometry</i> , 2021, 36, 2132-2143.	3.0	4
7	Analysis of Sports Supplements for Proteins by Polyacrylamide Gel Electrophoresis (PAGE) and Macronutrients by Inductively Coupled Plasma-Optical Emission Spectrometry (ICP-OES). <i>Analytical Letters</i> , 2021, 54, 2736-2749.	1.8	0
8	White Crystal Cane Sugar Analysis Using a Noninvasive Method for Detection of Tampering with Sand. <i>Food Analytical Methods</i> , 2021, 14, 1438-1442.	2.6	2
9	Multiway Calibration Strategies in Laser-Induced Breakdown Spectroscopy: A Proposal. <i>Analytical Chemistry</i> , 2021, 93, 6291-6300.	6.5	9
10	LIBS as an alternative method to control an industrial hydrometallurgical process for the recovery of Cu in waste from electro-electronic equipment (WEEE). <i>Microchemical Journal</i> , 2021, 164, 106007.	4.5	9
11	Combination of analytic techniques to chemical characterization and preservation of Jurassic clam shrimp carapaces from La Matilde Formation, Patagonia. <i>Journal of South American Earth Sciences</i> , 2021, 109, 103269.	1.4	0
12	Forensic analysis of hand-written documents using laser-induced breakdown spectroscopy (LIBS) and chemometrics. <i>Analytical Methods</i> , 2021, 13, 232-241.	2.7	10
13	Response surface methodology applied to tropical freshwater treatment. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 901-911.	2.2	10
14	Multivariate Optimization of Ultrasound-Assisted Extraction Procedure for the Determination of Ca, Fe, K, Mg, Mn, P, and Zn in Pepper Samples by ICP OES. <i>Food Analytical Methods</i> , 2020, 13, 69-77.	2.6	17
15	Calibration strategies for the direct determination of rare earth elements in hard disk magnets using laser-induced breakdown spectroscopy. <i>Talanta</i> , 2020, 208, 120443.	5.5	24
16	Proposition of Sample Preparation Procedure of Cassava Flour with Diluted Acid Using Mixture Design and Evaluation of Nutrient Profiles by Multivariate Data Analysis. <i>Food Analytical Methods</i> , 2020, 13, 145-154.	2.6	5
17	Remediation of Eutrophic Aquatic Ecosystems: Evaluation of Phosphorus Adsorption by Sawdust. <i>Integrated Environmental Assessment and Management</i> , 2020, 16, 78-89.	2.9	0
18	Solid sampling: advantages and challenges for chemical element determination—a critical review. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 54-77.	3.0	64

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19	Neodymium determination in hard drive disks magnets using different calibration approaches for wavelength dispersive X-ray fluorescence. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2020, 164, 105763.	2.9	8
20	A simple, rapid, green and non-destructive ¹⁹ F time-domain NMR method for directly fluorine determination in powder of mineral supplements for cattle. <i>Microchemical Journal</i> , 2020, 153, 104416.	4.5	0
21	Removal of Cr(VI) from Wastewater of the Tannery Industry by Functionalized Mesoporous Material. <i>Silicon</i> , 2020, 12, 1895-1903.	3.3	11
22	Editorial: Food Analytical Methods in Latin America – FANM-LATAM. <i>Food Analytical Methods</i> , 2020, 13, 1-2.	2.6	5
23	Evaluation of the effect of additives on thermo-oxidative and hydrolytic stabilization of recycled post-consumer poly (ethylene terephthalate) using Design of Experiments. <i>Polymer Testing</i> , 2020, 81, 106275.	4.8	5
24	Calibration strategies for determination of Pb content in recycled polypropylene from car batteries using laser-induced breakdown spectroscopy (LIBS). <i>Microchemical Journal</i> , 2020, 159, 105558.	4.5	17
25	Direct determination of Al and Pb in waste printed circuit boards (PCB) by laser-induced breakdown spectroscopy (LIBS): Evaluation of calibration strategies and economic - environmental questions. <i>Journal of Hazardous Materials</i> , 2020, 399, 122831.	12.4	12
26	Qualitative and Quantitative Analysis of Soils Using Laser-Induced Breakdown Spectroscopy and Chemometrics Tools. <i>Journal of Applied Spectroscopy</i> , 2020, 87, 378-386.	0.7	7
27	Laser-induced breakdown spectroscopy (LIBS) and wavelength dispersive X-ray fluorescence (WDXRF) data fusion to predict the concentration of K, Mg and P in bean seed samples. <i>Food Research International</i> , 2020, 132, 109037.	6.2	18
28	Direct Determination of Ca, K, and Mg in Cocoa Beans by Laser-Induced Breakdown Spectroscopy (LIBS): Evaluation of Three Univariate Calibration Strategies for Matrix Matching. <i>Food Analytical Methods</i> , 2020, 13, 1017-1026.	2.6	16
29	Laser-induced breakdown spectroscopy as a tool for homogeneity measurements in medicine tablets. <i>Laser Physics</i> , 2020, 30, 035701.	1.2	3
30	Laser-induced breakdown spectroscopy (LIBS) spectra interpretation and characterization using parallel factor analysis (PARAFAC): a new procedure for data and spectral interference processing fostering the waste electrical and electronic equipment (WEEE) recycling process. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 1115-1124.	3.0	16
31	Chemical exploratory analysis of printed circuit board (PCB) using inductively coupled plasma optical emission spectrometry (ICP OES): data treatment and elements correlation. <i>Detritus</i> , 2020, , 131-139.	0.9	3
32	Análise do material particulado (PM10) na Área central da cidade de São Carlos-SP por meio das técnicas espectroanalíticas. <i>Brazilian Journal of Development</i> , 2020, 6, 12879-12886.	0.1	0
33	Key information related to quality by design (QbD) applications in analytical methods development. <i>Brazilian Journal of Analytical Chemistry</i> , 2020, 8, .	0.5	1
34	Multivariate optimization for the development of a sample preparation procedure and evaluation of calibration strategies for nutrient elements determination in handmade chocolate. <i>Microchemical Journal</i> , 2019, 150, 104166.	4.5	11
35	Microwave-assisted digestion using dilute nitric acid solution and investigation of calibration strategies for determination of As, Cd, Hg and Pb in dietary supplements using ICP-MS. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019, 174, 471-478.	2.8	32
36	Particulate matter (PM10) from São Carlos-SP (Brazil): spectroanalytical techniques to evaluate and determine chemical elements. <i>International Journal of Environmental Analytical Chemistry</i> , 2019, 99, 653-669.	3.3	1

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37	Past and emerging topics related to electronic waste management: top countries, trends, and perspectives. <i>Environmental Science and Pollution Research</i> , 2019, 26, 17135-17151.	5.3	50
38	Calibration strategies for determination of the In content in discarded liquid crystal displays (LCD) from mobile phones using laser-induced breakdown spectroscopy (LIBS). <i>Analytica Chimica Acta</i> , 2019, 1061, 42-49.	5.4	30
39	Calibration strategies to overcome matrix effects in laser-induced breakdown spectroscopy: Direct calcium and phosphorus determination in solid mineral supplements. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2019, 155, 90-98.	2.9	22
40	Wavelength dispersive X-ray fluorescence (WD-XRF) applied to speciation of sulphur in mineral supplement for cattle: Evaluation of the chemical and matrix effects. <i>Microchemical Journal</i> , 2019, 147, 628-634.	4.5	9
41	Determination and speciation of phosphorus in fertilizers and mineral supplements for cattle by X-ray absorption near-edge structure spectroscopy: a simple nondestructive method. <i>Analytical Methods</i> , 2019, 11, 1508-1515.	2.7	4
42	A chemometric approach exploring Derringer's desirability function for the simultaneous determination of Cd, Cr, Ni and Pb in micronutrient fertilizers by laser-induced breakdown spectroscopy. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2019, 154, 25-32.	2.9	12
43	Proposition of electronic waste as a reference material " part 2: homogeneity, stability, characterization, and uncertainties. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 2402-2410.	3.0	15
44	Hyperspectral images: a qualitative approach to evaluate the chemical profile distribution of Ca, K, Mg, Na and P in edible seeds employing laser-induced breakdown spectroscopy. <i>Analytical Methods</i> , 2019, 11, 5543-5552.	2.7	9
45	Proposition of electronic waste as a reference material " part 1: sample preparation, characterization and chemometric evaluation. <i>Journal of Analytical Atomic Spectrometry</i> , 2019, 34, 2394-2401.	3.0	16
46	Application of Multi-energy Calibration for Determination of Chromium and Nickel in Nickeliferous Ores by Laser-induced Breakdown Spectroscopy. <i>Analytical Sciences</i> , 2019, 35, 165-168.	1.6	14
47	Univariate and multivariate calibration strategies in combination with laser-induced breakdown spectroscopy (LIBS) to determine Ti on sunscreen: A different sample preparation procedure. <i>Optics and Laser Technology</i> , 2019, 109, 648-653.	4.6	18
48	Direct determination of Ca, K, Mg, Na, P, S, Fe and Zn in bivalve mollusks by wavelength dispersive X-ray fluorescence (WDXRF) and laser-induced breakdown spectroscopy (LIBS). <i>Food Chemistry</i> , 2019, 273, 91-98.	8.2	29
49	LASER INDUCED-BREAKDOWN SPECTROSCOPY (LIBS): HISTÓRICO, FUNDAMENTOS, APLICAÇÕES E POTENCIALIDADES. <i>Química Nova</i> , 2019, , .	0.3	7
50	Chromium speciation in leather samples: an experiment using digital images, mobile phone and environmental concepts. <i>Eletica Química</i> , 2019, 44, 62.	0.5	6
51	Chemometrics in analytical chemistry " an overview of applications from 2014 to 2018. <i>Eletica Química</i> , 2019, 44, 11.	0.5	18
52	Evaluation of the quality of formulations containing lactase (β -galactosidase) employing gel electrophoresis and cell phone. <i>Brazilian Journal of Analytical Chemistry</i> , 2019, 6, .	0.5	1
53	Analysis of Cuban nickeliferous minerals by laser-induced breakdown spectroscopy (LIBS): non-conventional sample preparation of powder samples. <i>Analytical Methods</i> , 2018, 10, 533-540.	2.7	19
54	3rd Winter School on Chemometrics"Food Analysis Applications. <i>Food Analytical Methods</i> , 2018, 11, 1849-1851.	2.6	0

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55	Direct Determination of Ca, K and Mg in Cassava Flour Samples by Laser-Induced Breakdown Spectroscopy (LIBS). <i>Food Analytical Methods</i> , 2018, 11, 1886-1896.	2.6	21
56	Direct determination of calcium and phosphorus in mineral supplements for cattle by wavelength dispersive X-ray fluorescence (WD-XRF). <i>Microchemical Journal</i> , 2018, 137, 272-276.	4.5	24
57	Combination of Multi-Energy Calibration (MEC) and Laser-Induced Breakdown Spectroscopy (LIBS) for Dietary Supplements Analysis and Determination of Ca, Mg and K. <i>Journal of the Brazilian Chemical Society</i> , 2018, , .	0.6	7
58	Determination of toxic metals in leather by wavelength dispersive X-ray fluorescence (WDXRF) and inductively coupled plasma optical emission spectrometry (ICP OES) with emphasis on chromium. <i>Environmental Monitoring and Assessment</i> , 2018, 190, 618.	2.7	7
59	Potential of near-infrared spectroscopy for quality evaluation of cattle leather. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 202, 182-186.	3.9	2
60	Determination of Elemental Content in Solder Mask Samples Used in Printed Circuit Boards Using Different Spectroanalytical Techniques. <i>Applied Spectroscopy</i> , 2018, 72, 1205-1214.	2.2	8
61	Evaluation of the Chemical Composition of Synthetic Leather Using Spectroscopy Techniques. <i>Applied Spectroscopy</i> , 2018, 72, 921-932.	2.2	10
62	Spectroanalytical method for evaluating the technological elements composition of magnets from computer hard disks. <i>Talanta</i> , 2018, 189, 205-210.	5.5	11
63	Determination of inosine 5â€™-monophosphate (IMP) and guanosine 5â€™-monophosphate (GMP) in yeast extracts using UV spectroscopy and chemometrics. <i>Brazilian Journal of Food Technology</i> , 2018, 21, .	0.8	1
64	Multi-energy calibration (MEC) applied to laser-induced breakdown spectroscopy (LIBS). <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 1753-1762.	3.0	39
65	Laser-induced breakdown spectroscopy (LIBS) applications in the chemical analysis of waste electrical and electronic equipment (WEEE). <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 108, 65-73.	11.4	50
66	APLICAÇÃO DE PROGRAMA COMPUTACIONAL LIVRE EM PLANEJAMENTO DE EXPERIMENTOS: UM TUTORIAL. <i>Quimica Nova</i> , 2018, 2018, .	0.3	15
67	Factorial design evaluation of the Suzuki cross-coupling reaction using a magnetically recoverable palladium catalyst. <i>Tetrahedron Letters</i> , 2017, 58, 903-908.	1.4	11
68	Identification and classification of polymer e-waste using laser-induced breakdown spectroscopy (LIBS) and chemometric tools. <i>Polymer Testing</i> , 2017, 59, 390-395.	4.8	86
69	Calibration strategies for the direct determination of Ca, K, and Mg in commercial samples of powdered milk and solid dietary supplements using laser-induced breakdown spectroscopy (LIBS). <i>Food Research International</i> , 2017, 94, 72-78.	6.2	51
70	Trace element analysis of urine by ICP-MS/MS to identify urinary tract infection. <i>Journal of Analytical Atomic Spectrometry</i> , 2017, 32, 1590-1594.	3.0	7
71	Fast and direct detection of metal accumulation in marine sediments using laser-induced breakdown spectroscopy (LIBS): a case study from the Bay of Cienfuegos, Cuba. <i>Analytical Methods</i> , 2017, 9, 3713-3719.	2.7	9
72	Nutrient and Contaminant Quantification in Solid and Liquid Food Samples Using Laser-Ablation Inductively Coupled Plasma-Mass Spectrometry (LA-ICP-MS): Discussion of Calibration Strategies. <i>Food Analytical Methods</i> , 2017, 10, 1515-1522.	2.6	15

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73	Use of laser-induced breakdown spectroscopy for the determination of polycarbonate (PC) and acrylonitrile-butadiene-styrene (ABS) concentrations in PC/ABS plastics from e-waste. <i>Waste Management</i> , 2017, 70, 212-221.	7.4	31
74	Study of macro and microelements in fish from the Cienfuegos Bay. Relationship with its content in sediments. <i>Environmental Monitoring and Assessment</i> , 2017, 189, 427.	2.7	2
75	Different sample preparation methods for the analysis of suspension fertilizers combining LIBS and liquid-to-solid matrix conversion: determination of essential and toxic elements. <i>Analytical Methods</i> , 2017, 9, 5156-5164.	2.7	22
76	Recent advances on determination of milk adulterants. <i>Food Chemistry</i> , 2017, 221, 1232-1244.	8.2	180
77	Combining contamination indexes, sediment quality guidelines and multivariate data analysis for metal pollution assessment in marine sediments of Cienfuegos Bay, Cuba. <i>Chemosphere</i> , 2017, 168, 1267-1276.	8.2	34
78	Biosorbent, a promising material for remediation of eutrophic environments: studies in microcosm. <i>Environmental Science and Pollution Research</i> , 2017, 24, 2685-2696.	5.3	4
79	Quantitative analysis of Lead Zirconate Titanate (PZT) ceramics by laser-induced breakdown spectroscopy (LIBS) in combination with multivariate calibration. <i>Microchemical Journal</i> , 2017, 130, 21-26.	4.5	31
80	Application of Laser-Induced Breakdown Spectroscopy and Hyperspectral Images for Direct Evaluation of Chemical Elemental Profiles of Coprolites. <i>Geostandards and Geoanalytical Research</i> , 2017, 41, 273-282.	3.1	16
81	Qualitative and Quantitative Chemical Investigation of Orthopedic Alloys by Combining Wet Digestion, Spectroanalytical Methods and Direct Solid Analysis. <i>Journal of the Brazilian Chemical Society</i> , 2017, , .	0.6	3
82	Comparison of ICP OES and LIBS Analysis of Medicinal Herbs Rich in Flavonoids from Eastern Europe. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	12
83	Strategy of Sample Preparation for Arsenic Determination in Mineral Fertilizers. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	4
84	Direct chemical inspection of eye shadow and lipstick solid samples using laser-induced breakdown spectroscopy (LIBS) and chemometrics: proposition of classification models. <i>Analytical Methods</i> , 2016, 8, 5851-5860.	2.7	17
85	Twelve different types of data normalization for the proposition of classification, univariate and multivariate regression models for the direct analyses of alloys by laser-induced breakdown spectroscopy (LIBS). <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 2005-2014.	3.0	130
86	Method for the production of acrylonitrile-butadiene-styrene (ABS) and polycarbonate (PC)/ABS standards for direct Sb determination in plastics from e-waste using laser-induced breakdown spectroscopy. <i>Journal of Analytical Atomic Spectrometry</i> , 2016, 31, 1228-1233.	3.0	27
87	Condensation of Macrocyclic Polyketides Produced by <i>Penicillium</i> sp. DRF2 with Mercaptopyruvate Represents a New Fungal Detoxification Pathway. <i>Journal of Natural Products</i> , 2016, 79, 1668-1678.	3.0	37
88	Direct Determination of Contaminants and Major and Minor Nutrients in Solid Fertilizers Using Laser-Induced Breakdown Spectroscopy (LIBS). <i>Journal of Agricultural and Food Chemistry</i> , 2016, 64, 7890-7898.	5.2	44
89	Proposition of classification models for the direct evaluation of the quality of cattle and sheep leathers using laser-induced breakdown spectroscopy (LIBS) analysis. <i>RSC Advances</i> , 2016, 6, 104827-104838.	3.6	15
90	Chemometric evaluation of Cd, Co, Cr, Cu, Ni (inductively coupled plasma optical emission) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 67 Td samples intended to be used by adults and children. <i>Talanta</i> , 2016, 150, 206-212.	5.5	38

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91	Chemical data as markers of the geographical origins of sugarcane spirits. Food Chemistry, 2016, 196, 196-203.	8.2	21
92	Detection and quantification of milk adulteration using time domain nuclear magnetic resonance (TD-NMR). Microchemical Journal, 2016, 124, 15-19.	4.5	84
93	Simultaneous Degradation of Diuron and Hexazinone Herbicides by Photo-Fenton: Assessment of Concentrations of H ₂ O ₂ and Fe ²⁺ by the Response Surface Methodology. Journal of Advanced Oxidation Technologies, 2015, 18, .	0.5	4
94	Obtaining information about valuable metals in computer and mobile phone scraps using laser-induced breakdown spectroscopy (LIBS). RSC Advances, 2015, 5, 67001-67010.	3.6	16
95	Laser-induced breakdown spectroscopy (LIBS) combined with hyperspectral imaging for the evaluation of printed circuit board composition. Talanta, 2015, 134, 278-283.	5.5	53
96	Analysis of the polymeric fractions of scrap from mobile phones using laser-induced breakdown spectroscopy: Chemometric applications for better data interpretation. Talanta, 2015, 134, 65-73.	5.5	47
97	Determination of Cd, Co, Cr, Cu, Ni and Pb in cosmetic samples using a simple method for sample preparation. Analytical Methods, 2015, 7, 329-335.	2.7	20
98	Ethanolysis Optimisation of Jupati (<i>Raphia taedigera</i> Mart.) Oil to Biodiesel Using Response Surface Methodology. Journal of the Brazilian Chemical Society, 2015, . .	0.6	4
99	DEVELOPMENT OF A SAMPLE PREPARATION METHOD FOR RAW MATERIAL EVALUATION OF SCHOOL SUPPLIES. Quimica Nova, 2015, , .	0.3	0
100	Copper electrowinning using a pulsed bed three-dimensional electrode. Hydrometallurgy, 2014, 144-145, 15-22.	4.3	9
101	Fingerprinting of anthocyanins from grapes produced in Brazil using HPLC-MS and exploratory analysis by principal component analysis. Food Chemistry, 2014, 145, 395-403.	8.2	85
102	A new closed-vessel conductively heated digestion system: fostering plant analysis by inductively coupled plasma optical emission spectroscopy. Journal of Analytical Atomic Spectrometry, 2014, 29, 825-831.	3.0	10
103	The determination of V and Mo by dispersive liquid-liquid microextraction (DLLME) combined with laser-induced breakdown spectroscopy (LIBS). Journal of Analytical Atomic Spectrometry, 2014, 29, 1813-1818.	3.0	28
104	Combined discrete nebulization and microextraction process for molybdenum determination by flame atomic absorption spectrometry (FAAS).. Quimica Nova, 2014, 37, .	0.3	3
105	Use of Chemometric Tools to Determine the Source of Metals in Sediments of the Rivers of the Turvo/Grande Hydrographical Basin, São Paulo State, Brazil. Journal of the Brazilian Chemical Society, 2014, , .	0.6	0
106	Sequential Determination of Cd, Cu and Pb in Tea Leaves by Slurry Introduction to Thermospray Flame Furnace Atomic Absorption Spectrometry. Food Analytical Methods, 2013, 6, 1607-1610.	2.6	8
107	Fast Sequential Determination of As and Sb, Bi and Pb by Continuous Flow Hydride Generation Atomic Absorption Spectrometry. Food Analytical Methods, 2013, 6, 1212-1222.	2.6	6
108	Analysis of waste electrical and electronic equipment (WEEE) using laser induced breakdown spectroscopy (LIBS) and multivariate analysis. Talanta, 2013, 117, 419-424.	5.5	33

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109	Development of achiral and chiral 2D HPLC methods for analysis of albendazole metabolites in microsomal fractions using multivariate analysis for the in vitro metabolism. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2013, 932, 26-33.	2.3	12
110	Rapid detection and quantification of milk adulteration using infrared microspectroscopy and chemometrics analysis. <i>Food Chemistry</i> , 2013, 138, 19-24.	8.2	180
111	Proposition of a simple method for chromium (VI) determination in soils from remote places applying digital images: A case study from Brazilian Antarctic Station. <i>Microchemical Journal</i> , 2013, 109, 165-169.	4.5	21
112	Post-fire study of the Brazilian Scientific Antarctic Station: Toxic element contamination and potential mobility on the surrounding environment. <i>Microchemical Journal</i> , 2013, 110, 21-27.	4.5	37
113	Application of Hand-Held and Portable Infrared Spectrometers in Bovine Milk Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 1205-1211.	5.2	83
114	Digital image analysis – an alternative tool for monitoring milk authenticity. <i>Analytical Methods</i> , 2013, 5, 3669.	2.7	45
115	Chemometric Strategies to Develop a Nanocomposite Electrode for Simultaneous Determination of Ascorbic Acid, Dopamine, and Uric Acid. <i>Electroanalysis</i> , 2013, 25, 1988-1994.	2.9	6
116	Use of Digital Images and Principal Component Analysis for the Identification of Cr (VI) Levels in Soil Samples. <i>Revista Virtual De Quimica</i> , 2013, 5, .	0.4	0
117	Nest refuse of leaf-cutting ants mineralize faster than leaf fragments: Results from a field experiment in Northeast Brazil. <i>Applied Soil Ecology</i> , 2012, 61, 131-136.	4.3	7
118	Polymeric nanoparticles loaded with the 3,5,3-triiodothyroacetic acid (Triac), a thyroid hormone: factorial design, characterization, and release kinetics. <i>Nanotechnology, Science and Applications</i> , 2012, 5, 37.	4.6	18
119	Authenticity study of <i>Phyllanthus</i> species by NMR and FT-IR Techniques coupled with chemometric methods. <i>Quimica Nova</i> , 2012, 35, 2210-2217.	0.3	6
120	Chemometric tools in chemical fractionation data of soil samples from five antarctic research stations. <i>Journal of the Brazilian Chemical Society</i> , 2012, 23, 1388-1394.	0.6	6
121	Determination of Cd levels in smoke condensate of Brazilian and Paraguayan cigarettes by Thermospray Flame Furnace Atomic Absorption Spectrometry (TS-FF-AAS). <i>Microchemical Journal</i> , 2012, 100, 27-30.	4.5	22
122	Increased CO ₂ emission and organic matter decomposition by leaf-cutting ant nests in a coastal environment. <i>Soil Biology and Biochemistry</i> , 2012, 44, 21-25.	8.8	28
123	Scanner Digital Images Combined with Color Parameters: A Case Study to Detect Adulterations in Liquid Cow's Milk. <i>Food Analytical Methods</i> , 2012, 5, 89-95.	2.6	50
124	Avaliação de ICP OES com configuração axial ou radial para determinação de iodo em sal de cozinha. <i>Quimica Nova</i> , 2012, 35, 1299-1305.	0.3	8
125	Study of Calcium and Sodium Behavior to Identify Milk Adulteration Using Flame Atomic Absorption Spectrometry. <i>Food and Nutrition Sciences (Print)</i> , 2012, 03, 1228-1232.	0.4	4
126	Caracterização de chás de genótipos de <i>Lippia gracilis</i> schauer através de perfil cromatográfico por CLAE-DAD combinado com análises químicas. <i>Quimica Nova</i> , 2012, 35, 1814-1818.	0.3	2

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127	Determination of As and Sb in mineral waters by fast sequential continuous flow hydride generation atomic absorption spectrometry. <i>Analytical Methods</i> , 2011, 3, 599.	2.7	11
128	Fluorescence images combined to statistic test for fingerprinting of citrus plants after bacterial infection. <i>Analytical Methods</i> , 2011, 3, 552.	2.7	15
129	Biomonitoring of lead in Antarctic lichens using laser ablation inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 2238.	3.0	16
130	Performance evaluation of collision reaction interface and internal standardization in quadrupole ICP-MS measurements. <i>Talanta</i> , 2011, 86, 241-247.	5.5	34
131	Laser-induced fluorescence imaging method to monitor citrus greening disease. <i>Computers and Electronics in Agriculture</i> , 2011, 79, 90-93.	7.7	40
132	Heavy Metals Contamination in Century-Old Manmade Technosols of Hope Bay, Antarctic Peninsula. <i>Water, Air, and Soil Pollution</i> , 2011, 222, 91-102.	2.4	29
133	Chromatographic profiles of <i>Phyllanthus</i> aqueous extracts samples: a proposition of classification using chemometric models. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 469-481.	3.7	24
134	Development of a carbon nanotubes paste electrode modified with crosslinked chitosan for cadmium(II) and mercury(II) determination. <i>Journal of Electroanalytical Chemistry</i> , 2011, 660, 209-216.	3.8	104
135	Laser-induced breakdown spectroscopy and chemometrics for classification of toys relying on toxic elements. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2011, 66, 138-143.	2.9	61
136	Old and New Flavors of Flame (Furnace) Atomic Absorption Spectrometry. <i>International Journal of Spectroscopy</i> , 2011, 2011, 1-30.	1.6	7
137	Differentiation of <i>Lippia gracilis</i> Schauer Genotypes by LC Fingerprint and Chemometrics Analyses. <i>Chromatographia</i> , 2010, 72, 275-280.	1.3	8
138	Evaluation of the mineral profile of textile materials using inductively coupled plasma optical emission spectrometry and chemometrics. <i>Journal of Hazardous Materials</i> , 2010, 182, 325-330.	12.4	17
139	Evaluation of Different Sample Preparation Procedures Using Chemometrics: Comparison Among Photo-Fenton Reaction, Microwave Irradiation, and Direct Determination of Minerals in Fruit Juices. <i>Food Analytical Methods</i> , 2010, 3, 98-103.	2.6	5
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