

# Edenir Pereira-Filho

## List of Publications by Year in descending order

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Version: 2024-02-01

178  
papers

3,775  
citations

147566

31  
h-index

182168

51  
g-index

178  
all docs

178  
docs citations

178  
times ranked

3766  
citing authors

#	ARTICLE	IF	CITATIONS
1	Rapid detection and quantification of milk adulteration using infrared microspectroscopy and chemometrics analysis. <i>Food Chemistry</i> , 2013, 138, 19-24.	4.2	180
2	Recent advances on determination of milk adulterants. <i>Food Chemistry</i> , 2017, 221, 1232-1244.	4.2	180
3	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.	1.6	130
4	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.	1.9	104
5	Identification and classification of polymer e-waste using laser-induced breakdown spectroscopy (LIBS) and chemometric tools. <i>Polymer Testing</i> , 2017, 59, 390-395.	2.3	86
6	Fingerprinting of anthocyanins from grapes produced in Brazil using HPLC-DAD-MS and exploratory analysis by principal component analysis. <i>Food Chemistry</i> , 2014, 145, 395-403.	4.2	85
7	Detection and quantification of milk adulteration using time domain nuclear magnetic resonance (TD-NMR). <i>Microchemical Journal</i> , 2016, 124, 15-19.	2.3	84
8	Application of Hand-Held and Portable Infrared Spectrometers in Bovine Milk Analysis. <i>Journal of Agricultural and Food Chemistry</i> , 2013, 61, 1205-1211.	2.4	83
9	Evaluation of biodiesel-diesel blends quality using <sup>1</sup> H NMR and chemometrics. <i>Talanta</i> , 2009, 78, 660-664.	2.9	82
10	Determination of cadmium and lead at low levels by using preconcentration at fullerene coupled to thermospray flame furnace atomic absorption spectrometry. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2004, 59, 515-521.	1.5	65
11	Solid sampling: advantages and challenges for chemical element determination—a critical review. <i>Journal of Analytical Atomic Spectrometry</i> , 2020, 35, 54-77.	1.6	64
12	Application of chemometric methods in the evaluation of chemical and spectroscopic data on organic matter from Oxisols in sewage sludge applications. <i>Geoderma</i> , 2010, 155, 121-127.	2.3	63
13	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.	1.5	61
14	Laser-induced breakdown spectroscopy (LIBS) combined with hyperspectral imaging for the evaluation of printed circuit board composition. <i>Talanta</i> , 2015, 134, 278-283.	2.9	53
15	Simultaneous sample digestion and determination of Cd, Cu and Pb in biological samples using thermospray flame furnace atomic absorption spectrometry (TS-FF-AAS) with slurry sample introduction. <i>Journal of Analytical Atomic Spectrometry</i> , 2002, 17, 1308-1315.	1.6	52
16	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.	2.9	51
17	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.	1.3	50
18	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.	5.8	50

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19	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.	2.7	50
20	Analysis of the polymeric fractions of scrap from mobile phones using laser-induced breakdown spectroscopy: Chemometric applications for better data interpretation. <i>Talanta</i> , 2015, 134, 65-73.	2.9	47
21	Digital image analysis – an alternative tool for monitoring milk authenticity. <i>Analytical Methods</i> , 2013, 5, 3669.	1.3	45
22	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.	2.4	44
23	Development of a Methodology for Calcium, Iron, Potassium, Magnesium, Manganese, and Zinc Quantification in Teas Using X-ray Spectroscopy and Multivariate Calibration. <i>Journal of Agricultural and Food Chemistry</i> , 2006, 54, 5723-5730.	2.4	41
24	Laser-induced fluorescence imaging method to monitor citrus greening disease. <i>Computers and Electronics in Agriculture</i> , 2011, 79, 90-93.	3.7	40
25	Current trends in laser-induced breakdown spectroscopy: a tutorial review. <i>Applied Spectroscopy Reviews</i> , 2021, 56, 98-114.	3.4	40
26	Multi-energy calibration (MEC) applied to laser-induced breakdown spectroscopy (LIBS). <i>Journal of Analytical Atomic Spectrometry</i> , 2018, 33, 1753-1762.	1.6	39
27	Chemometric evaluation of Cd, Co, Cr, Cu, Ni (inductively coupled plasma optical emission) Tj ETQq1 1 0.784314 rgBT /Overlock 10 T samples intended to be used by adults and children. <i>Talanta</i> , 2016, 150, 206-212.	2.9	38
28	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.	2.3	37
29	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.	1.5	37
30	Fast Determination of Cd, Fe, Pb, and Zn in Food using AAS. <i>Food Analytical Methods</i> , 2009, 2, 110-115.	1.3	35
31	Performance evaluation of collision–reaction interface and internal standardization in quadrupole ICP-MS measurements. <i>Talanta</i> , 2011, 86, 241-247.	2.9	34
32	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.	4.2	34
33	Use of X-Ray Scattering for Studies with Organic Compounds: a Case Study Using Paints. <i>Mikrochimica Acta</i> , 2005, 150, 131-136.	2.5	33
34	Analysis of waste electrical and electronic equipment (WEEE) using laser induced breakdown spectroscopy (LIBS) and multivariate analysis. <i>Talanta</i> , 2013, 117, 419-424.	2.9	33
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.	1.4	32
36	Copper determination in sugar cane spirits by fast sequential flame atomic absorption spectrometry using internal standardization. <i>Microchemical Journal</i> , 2010, 96, 99-101.	2.3	31

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37	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.	3.7	31
38	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.	2.3	31
39	Comparison of the univariate and multivariate methods in the optimization of experimental conditions for determining Cu, Pb, Ni and Cd in biodiesel by GFAAS. <i>Fuel</i> , 2009, 88, 1907-1914.	3.4	30
40	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.	2.6	30
41	Heavy Metals Contamination in Century-Old Manmade Technosols of Hope Bay, Antarctic Peninsula. <i>Water, Air, and Soil Pollution</i> , 2011, 222, 91-102.	1.1	29
42	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.	4.2	29
43	Evaluation of the use of multiple lines for determination of metals in water by inductively coupled plasma optical emission spectrometry with axial viewing. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2009, 64, 544-548.	1.5	28
44	Increased CO <sub>2</sub> emission and organic matter decomposition by leaf-cutting ant nests in a coastal environment. <i>Soil Biology and Biochemistry</i> , 2012, 44, 21-25.	4.2	28
45	The determination of V and Mo by dispersive liquid-liquid microextraction (DLLME) combined with laser-induced breakdown spectroscopy (LIBS). <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 1813-1818.	1.6	28
46	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.	1.6	27
47	Emprego de planejamento fatorial para a otimização das temperaturas de pirólise e atomização de Al, Cd, Mo e Pb por ETAAS. <i>Química Nova</i> , 2002, 25, 246-253.	0.3	26
48	Analytical and reclamation technologies for identification and recycling of precious materials from waste computer and mobile phones. <i>Chemosphere</i> , 2022, 286, 131739.	4.2	26
49	<sup>1</sup> H NMR and Multivariate Calibration for the Prediction of Biodiesel Concentration in Diesel Blends. <i>JAOCS, Journal of the American Oil Chemists' Society</i> , 2009, 86, 581-585.	0.8	25
50	Chromatographic profiles of Phyllanthus aqueous extracts samples: a proposition of classification using chemometric models. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 469-481.	1.9	24
51	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.	2.3	24
52	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.	2.9	24
53	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.	2.3	22
54	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.	1.3	22

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55	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.	1.5	22
56	Folic acid and iron evaluation in Brazilian enriched corn and wheat flours. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 53-59.	0.6	21
57	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.	2.3	21
58	Chemical data as markers of the geographical origins of sugarcane spirits. <i>Food Chemistry</i> , 2016, 196, 196-203.	4.2	21
59	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.	1.3	21
60	Determination of Cd, Co, Cr, Cu, Ni and Pb in cosmetic samples using a simple method for sample preparation. <i>Analytical Methods</i> , 2015, 7, 329-335.	1.3	20
61	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.	1.3	19
62	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
63	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.	2.2	18
64	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.	2.9	18
65	Chemometrics in analytical chemistry – an overview of applications from 2014 to 2018. <i>Ecletica Quimica</i> , 2019, 44, 11.	0.2	18
66	Mechanised flow system for on-line microwave digestion of food samples with off-line catalytic spectrophotometric determination of cobalt at ng l <sup>-1</sup> levels. <i>Analyst, The</i> , 1999, 124, 1873-1877.	1.7	17
67	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.	6.5	17
68	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.	1.3	17
69	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.	1.3	17
70	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.	2.3	17
71	TS-FF-AAS and multivariate calibration: A proposition for sewage sludge slurry sample analyses. <i>Talanta</i> , 2007, 71, 620-626.	2.9	16
72	Nutritional deficiency in citrus with symptoms of citrus variegated chlorosis disease. <i>Brazilian Journal of Biology</i> , 2009, 69, 859-864.	0.4	16

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73	Biomonitoring of lead in Antarctic lichens using laser ablation inductively coupled plasma mass spectrometry. <i>Journal of Analytical Atomic Spectrometry</i> , 2011, 26, 2238.	1.6	16
74	Obtaining information about valuable metals in computer and mobile phone scraps using laser-induced breakdown spectroscopy (LIBS). <i>RSC Advances</i> , 2015, 5, 67001-67010.	1.7	16
75	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.	1.7	16
76	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.	1.6	16
77	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.	1.3	16
78	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.	1.6	16
79	Fluorescence images combined to statistic test for fingerprinting of citrus plants after bacterial infection. <i>Analytical Methods</i> , 2011, 3, 552.	1.3	15
80	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.	1.7	15
81	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.	1.3	15
82	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.	1.6	15
83	APLICAÇÃO DE PROGRAMA COMPUTACIONAL LIVRE EM PLANEJAMENTO DE EXPERIMENTOS: UM TUTORIAL. <i>Química Nova</i> , 2018, 2018, .	0.3	15
84	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.	0.8	14
85	Neuro-genetic approach for optimisation of the spectrophotometric catalytic determination of cobalt. <i>Analytica Chimica Acta</i> , 2001, 433, 111-117.	2.6	13
86	Tube atomizers in thermospray flame furnace atomic absorption spectrometry: characterization using X-ray fluorescence, scanning electron microscopy and chemometrics. <i>Journal of Analytical Atomic Spectrometry</i> , 2006, 21, 1298.	1.6	13
87	Ti and Ni tubes combined in thermospray flame furnace atomic absorption spectrometry (TS-FF-AAS) for the determination of copper in biological samples. <i>Microchemical Journal</i> , 2009, 93, 93-98.	2.3	13
88	Metals distribution and investigation of L'vov platform surface using principal component analysis, multi-way principal component analysis, micro synchrotron radiation X-ray fluorescence spectrometry and scanning electron microscopy after the determination of Al in a milk slurry sample. <i>Spectrochimica Acta, Part B: Atomic Spectroscopy</i> , 2002, 57, 1259-1276.	1.5	12
89	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.	1.2	12
90	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

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91	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.	1.5	12
92	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.	6.5	12
93	Characterization by Fluorescence of Organic Matter from Oxisols under Sewage Sludge Applications. <i>Soil Science Society of America Journal</i> , 2010, 74, 94-104.	1.2	12
94	Potentialities of thermospray flame furnace atomic absorption spectrometry (TS-FF-AAS) in the fast sequential determination of Cd, Cu, Pb and Zn. <i>Analytical Methods</i> , 2009, 1, 215.	1.3	11
95	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.	1.3	11
96	Factorial design evaluation of the Suzuki cross-coupling reaction using a magnetically recoverable palladium catalyst. <i>Tetrahedron Letters</i> , 2017, 58, 903-908.	0.7	11
97	Spectroanalytical method for evaluating the technological elements composition of magnets from computer hard disks. <i>Talanta</i> , 2018, 189, 205-210.	2.9	11
98	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.	2.3	11
99	Removal of Cr(VI) from Wastewater of the Tannery Industry by Functionalized Mesoporous Material. <i>Silicon</i> , 2020, 12, 1895-1903.	1.8	11
100	Calibration Strategies Applied to Laser-Induced Breakdown Spectroscopy: A Critical Review of Advances and Challenges. <i>Journal of the Brazilian Chemical Society</i> , 0, , .	0.6	11
101	Variabilidade espacial e temporal de parâmetros físico-químicos nos rios Turvo, Preto e Grande no estado de São Paulo, Brasil. <i>Quimica Nova</i> , 2010, 33, 1831-1836.	0.3	11
102	Determinação de fosfato em refrigerantes utilizando um scanner de mesa e análise automatizada de dados: um exemplo didático para ensino de química. <i>Quimica Nova</i> , 0, , .	0.3	11
103	Investigação da qualidade de farinhas enriquecidas utilizando Análise por Componentes Principais (PCA). <i>Food Science and Technology</i> , 2010, 30, 618-624.	0.8	10
104	A new closed-vessel conductively heated digestion system: fostering plant analysis by inductively coupled plasma optical emission spectroscopy. <i>Journal of Analytical Atomic Spectrometry</i> , 2014, 29, 825-831.	1.6	10
105	Evaluation of the Chemical Composition of Synthetic Leather Using Spectroscopy Techniques. <i>Applied Spectroscopy</i> , 2018, 72, 921-932.	1.2	10
106	Response surface methodology applied to tropical freshwater treatment. <i>Environmental Technology (United Kingdom)</i> , 2020, 41, 901-911.	1.2	10
107	Forensic analysis of hand-written documents using laser-induced breakdown spectroscopy (LIBS) and chemometrics. <i>Analytical Methods</i> , 2021, 13, 232-241.	1.3	10
108	Relevant information of concomitants obtained from background signal using thermospray flame furnace atomic absorption spectrometry (TS-FF-AAS) and chemometric tools. <i>Journal of Analytical Atomic Spectrometry</i> , 2009, 24, 304.	1.6	9

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109	Copper electrowinning using a pulsed bed three-dimensional electrode. <i>Hydrometallurgy</i> , 2014, 144-145, 15-22.	1.8	9
110	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.	1.3	9
111	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.	2.3	9
112	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.	1.3	9
113	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.	1.3	9
114	Multiway Calibration Strategies in Laser-Induced Breakdown Spectroscopy: A Proposal. <i>Analytical Chemistry</i> , 2021, 93, 6291-6300.	3.2	9
115	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.	2.3	9
116	Differentiation of <i>Lippia gracilis</i> Schauer Genotypes by LC Fingerprint and Chemometrics Analyses. <i>Chromatographia</i> , 2010, 72, 275-280.	0.7	8
117	Sequential Determination of Cd, Cu and Pb in Tea Leaves by Slurry Introduction to Thermospray Flame Furnace Atomic Absorption Spectrometry. <i>Food Analytical Methods</i> , 2013, 6, 1607-1610.	1.3	8
118	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.	1.2	8
119	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.	1.5	8
120	Chemical inspection and elemental analysis of electronic waste using data fusion - Application of complementary spectroanalytical techniques. <i>Talanta</i> , 2021, 225, 122025.	2.9	8
121	Avaliação de ICP OES com configuração axial ou radial para determinação de iodo em sal de cozinha. <i>Química Nova</i> , 2012, 35, 1299-1305.	0.3	8
122	Avaliação do teor de ferro e zinco e composição centesimal de farinhas de trigo e milho enriquecidas. <i>BJPS: Brazilian Journal of Pharmaceutical Sciences</i> , 2007, 43, 589-596.	0.5	8
123	Old and New Flavors of Flame (Furnace) Atomic Absorption Spectrometry. <i>International Journal of Spectroscopy</i> , 2011, 2011, 1-30.	1.4	7
124	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.	2.1	7
125	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.	1.6	7
126	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



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127	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.	1.3	7
128	Qualitative and Quantitative Analysis of Soils Using Laser-Induced Breakdown Spectroscopy and Chemometrics Tools. <i>Journal of Applied Spectroscopy</i> , 2020, 87, 378-386.	0.3	7
129	LASER INDUCED-BREAKDOWN SPECTROSCOPY (LIBS): HISTÓRICO, FUNDAMENTOS, APLICAÇÕES E POTENCIALIDADES. <i>Quimica Nova</i> , 2019, , .	0.3	7
130	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
131	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
132	Fast Sequential Determination of As and Sb, Bi and Pb by Continuous Flow Hydride Generation Atomic Absorption Spectrometry. <i>Food Analytical Methods</i> , 2013, 6, 1212-1222.	1.3	6
133	Chemometric Strategies to Develop a Nanocomposite Electrode for Simultaneous Determination of Ascorbic Acid, Dopamine, and Uric Acid. <i>Electroanalysis</i> , 2013, 25, 1988-1994.	1.5	6
134	Chromium speciation in leather samples: an experiment using digital images, mobile phone and environmental concepts. <i>Ecletica Quimica</i> , 2019, 44, 62.	0.2	6
135	Exploratory analysis of Lâ€™vov platform surfaces for electrothermal atomic absorption spectrometry by using three-way chemometric tools. <i>Analytica Chimica Acta</i> , 2003, 495, 177-193.	2.6	5
136	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.	1.3	5
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