

Leonardo Pezza

List of Publications by Year in descending order

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104
papers

1,859
citations

257101

24
h-index

329751

37
g-index

104
all docs

104
docs citations

104
times ranked

2090
citing authors

#	ARTICLE	IF	CITATIONS
1	Relationship Between the Different Aspects Related to Coffee Quality and Their Volatile Compounds. <i>Comprehensive Reviews in Food Science and Food Safety</i> , 2016, 15, 705-719.	5.9	138
2	An overview of the main foodstuff sample preparation technologies for tetracycline residue determination. <i>Talanta</i> , 2018, 182, 1-21.	2.9	110
3	Coffee Adulteration: More than Two Decades of Research. <i>Critical Reviews in Analytical Chemistry</i> , 2016, 46, 83-92.	1.8	85
4	Simultaneous determination of renal function biomarkers in urine using a validated paper-based microfluidic analytical device. <i>Analytica Chimica Acta</i> , 2018, 997, 16-23.	2.6	64
5	Authenticity of roasted coffee using ¹ H NMR spectroscopy. <i>Journal of Food Composition and Analysis</i> , 2017, 57, 24-30.	1.9	60
6	Simple and clean determination of tetracyclines by flow injection analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2016, 153, 386-392.	2.0	47
7	Authentication of roasted and ground coffee samples containing multiple adulterants using NMR and a chemometric approach. <i>Food Control</i> , 2020, 112, 107104.	2.8	46
8	Determination of diclofenac in pharmaceutical preparations using a potentiometric sensor immobilized in a graphite matrix. <i>Talanta</i> , 2006, 68, 636-642.	2.9	45
9	Chromotropic acid-formaldehyde reaction in strongly acidic media. The role of dissolved oxygen and replacement of concentrated sulphuric acid. <i>Talanta</i> , 2003, 60, 171-176.	2.9	42
10	Real-time monitoring of a coffee roasting process with near infrared spectroscopy using multivariate statistical analysis: A feasibility study. <i>Talanta</i> , 2018, 179, 292-299.	2.9	42
11	Fingerprint and authenticity roasted coffees by ¹ H-NMR: the Brazilian coffee case. <i>Food Science and Biotechnology</i> , 2018, 27, 19-26.	1.2	40
12	Development of a potentiometric mefenamate ion sensor for the determination of mefenamic acid in pharmaceuticals and human blood serum. <i>Sensors and Actuators B: Chemical</i> , 2007, 128, 117-123.	4.0	37
13	Spectrophotometric determination of formaldehyde with chromotropic acid in phosphoric acid medium assisted by microwave oven. <i>Microchemical Journal</i> , 2004, 77, 47-51.	2.3	36
14	Discriminant analysis for unveiling the origin of roasted coffee samples: A tool for quality control of coffee related products. <i>Food Control</i> , 2017, 73, 164-174.	2.8	34
15	Determination of furosemide in pharmaceutical formulations by diffuse reflectance spectroscopy. <i>Talanta</i> , 2004, 64, 361-365.	2.9	32
16	Detection of propranolol in pharmaceutical formulations by diffuse reflectance spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2008, 69, 1103-1109.	2.0	32
17	Potentiometric determination of saccharin in commercial artificial sweeteners using a silver electrode. <i>Food Chemistry</i> , 2003, 83, 297-301.	4.2	31
18	A new potentiometric ibuprofenate ion sensor immobilized in a graphite matrix for determination of ibuprofen in tablets. <i>Microchemical Journal</i> , 2006, 84, 44-49.	2.3	30

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19	Bioactive paper platform for detection of hydrogen peroxide in milk. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 227, 117774.	2.0	30
20	Flow-injection spectrophotometric determination of methyl dopa in pharmaceutical formulations. <i>Talanta</i> , 2005, 67, 240-244.	2.9	29
21	Determination of nitrite in meat products and water using dapsone with combined spot test/diffuse reflectance on filter paper. <i>Food Chemistry</i> , 2012, 134, 2546-2551.	4.2	28
22	Discrimination of Brazilian lager beer by ¹ H NMR spectroscopy combined with chemometrics. <i>Food Chemistry</i> , 2019, 272, 488-493.	4.2	28
23	A Non-invasive Real-Time Methodology for the Quantification of Antioxidant Properties in Coffee During the Roasting Process Based on Near-Infrared Spectroscopy. <i>Food and Bioprocess Technology</i> , 2017, 10, 630-638.	2.6	27
24	Spectrophotometric determination of dipyrone in pharmaceutical preparations by using chromotropic acid. <i>Il Farmaco</i> , 1999, 54, 629-635.	0.9	25
25	A simple and green analytical method for determination of glyphosate in commercial formulations and water by diffuse reflectance spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2011, 79, 1881-1885.	2.0	25
26	¹ H NMR determination of adulteration of anabolic steroids in seized drugs. <i>Steroids</i> , 2018, 138, 47-56.	0.8	23
27	Rapid Spot Test Analysis for the Detection of Dipyrone in Pharmaceutical Preparations.. <i>Analytical Sciences</i> , 2000, 16, 313-315.	0.8	22
28	Multiplexed analysis combining distinctly-sized CdTe-MPA quantum dots and chemometrics for multiple mutually interfering analyte determination. <i>Talanta</i> , 2017, 174, 572-580.	2.9	22
29	Ionic medium effects on equilibrium constants Part I. Proton, copper(II), cadmium(II), lead(II) and acetate activity coefficients in aqueous solution. <i>Talanta</i> , 1996, 43, 1689-1695.	2.9	20
30	Potentiometric determination of captopril in pharmaceutical formulations. <i>Eletica Quimica</i> , 2003, 28, 39-44.	0.2	20
31	Benzoate ion determination in beverages by using a potentiometric sensor immobilized in a graphite matrix. <i>Analytica Chimica Acta</i> , 2001, 433, 281-288.	2.6	19
32	A simple spectrophotometric method for the determination of tetracycline and doxycycline in pharmaceutical formulations using chloramine-T. <i>Eletica Quimica</i> , 2010, 35, 139-146.	0.2	19
33	A simple and rapid screening method for sulfonamides in honey using a flow injection system coupled to a liquid waveguide capillary cell. <i>Talanta</i> , 2014, 121, 281-287.	2.9	19
34	Ultrasound-assisted dispersive liquid-liquid microextraction of tetracycline drugs from egg supplements before flow injection analysis coupled to a liquid waveguide capillary cell. <i>Analytical and Bioanalytical Chemistry</i> , 2016, 408, 6201-6211.	1.9	19
35	Potentiometric sensor for sorbic acid determination in food products. <i>Food Chemistry</i> , 2009, 115, 1563-1567.	4.2	17
36	Flow-Injection Spectrophotometric Determination of Azithromycin in Pharmaceutical Formulations Using p-Chloranil in the Presence of Hydrogen Peroxide. <i>Analytical Sciences</i> , 2008, 24, 871-876.	0.8	16

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37	An environmentally friendly reflectometric method for ranitidine determination in pharmaceuticals and human urine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2009, 71, 1999-2004.	2.0	16
38	Determination of Glyphosate in Water Samples by Multi-pumping Flow System Coupled to a Liquid Waveguide Capillary Cell. <i>Analytical Sciences</i> , 2011, 27, 1031-1036.	0.8	16
39	Optimized Synthesis of Silver Nanoparticles by Factorial Design with Application for the Determination of Melamine in Milk. <i>Analytical Letters</i> , 2017, 50, 829-841.	1.0	16
40	An Electrode of the Second Kind for Aspirin Determination in Tablet Formulations.. <i>Analytical Sciences</i> , 1999, 15, 249-253.	0.8	15
41	Determination of hydrochlorothiazide in pharmaceutical formulations by diffuse reflectance spectroscopy. <i>Eletica Quimica</i> , 2005, 30, 17-24.	0.2	15
42	Screening and determination of sulphonamide residues in bovine milk samples using a flow injection system. <i>Food Chemistry</i> , 2015, 166, 309-315.	4.2	15
43	A simple spectrophotometric method for the determination of captopril in pharmaceutical preparations using ammonium molybdate. <i>Eletica Quimica</i> , 2010, 35, 179-188.	0.2	14
44	A simple and green analytical method for determination of copper(II) in whisky and sugarcane spirit by diffuse reflectance spectroscopy. <i>Analytical Methods</i> , 2016, 8, 1867-1875.	1.3	14
45	A greener flow injection method based on a LWCC for the screening of tetracycline antibiotics in bovine milk samples. <i>Analytical Methods</i> , 2016, 8, 5262-5271.	1.3	13
46	A novel potentiometric naproxenate ion sensor immobilized in a graphite matrix for determination of naproxen in pharmaceuticals. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 785-791.	0.6	13
47	An Electrode of the Second Kind for Benzoate Determination in Medicinal Syrups. <i>Microchemical Journal</i> , 1998, 60, 184-192.	2.3	12
48	A Simplified Spectrophotometric Method for Routine Analysis of Saccharin in Commercial Noncaloric Sweeteners. <i>Journal of Agricultural and Food Chemistry</i> , 2004, 52, 7788-7792.	2.4	12
49	A simplified reflectometric method for the rapid determination of dipyrone in pharmaceutical formulations. <i>Journal of the Brazilian Chemical Society</i> , 2007, 18, 846-854.	0.6	12
50	Development of a potentiometric flufenamate ISE and its application to pharmaceutical and clinical analyses. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 162-168.	0.6	12
51	A fast method for the determination of lead in honey samples using stabilizer-free silver nanoparticles. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 189, 221-226.	2.0	12
52	¹ H NMR spectroscopy combined with multivariate data analysis for differentiation of Brazilian lager beer according to brewery. <i>European Food Research and Technology</i> , 2019, 245, 2365-2372.	1.6	12
53	Flow-injection spectrophotometric determination of tetracycline and doxycycline in pharmaceutical formulations using chloramine-T as oxidizing agent. <i>Quimica Nova</i> , 2009, 32, 1764-1769.	0.3	12
54	Development of a potentiometric sensor for the determination of saccharin in instant tea powders, diet soft drinks and strawberry dietetic jam. <i>Microchemical Journal</i> , 2008, 90, 124-128.	2.3	11

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55	Paper platform for reflectometric determination of furfural and hydroxymethylfurfural in sugarcane liquor. <i>Microchemical Journal</i> , 2017, 133, 286-292.	2.3	11
56	Fast and simple method for identification of adulteration of cow's milk with urea using diffuse reflectance spectroscopy. <i>Analytical Methods</i> , 2017, 9, 6357-6364.	1.3	11
57	Determination of amino acids in gym supplements using digital images and paper platform coupled to diffuse reflectance spectroscopy and USB device. <i>Talanta</i> , 2019, 196, 523-529.	2.9	11
58	Spectrophotometric determination of methyl dopa in pharmaceutical formulations. <i>Eletica Quimica</i> , 2005, 30, 23-28.	0.2	10
59	Determination of methyl dopa in pharmaceutical formulations by combined spot test-diffuse reflectance spectroscopy. <i>Journal of the Brazilian Chemical Society</i> , 2006, 17, 674-679.	0.6	10
60	A simple and green analytical method for the determination of formaldehyde. <i>Journal of the Brazilian Chemical Society</i> , 2008, 19, 1531-1537.	0.6	10
61	Flow Injection Analysis of 5-(Hydroxymethyl)-2-furaldehyde in Honey by a Modified Winkler Method. <i>Analytical Sciences</i> , 2016, 32, 413-417.	0.8	10
62	Ionic medium effects on equilibrium constants Part II. Binary systems comprising some bivalent cations and monocarboxylates in aqueous solution. <i>Talanta</i> , 1996, 43, 1697-1704.	2.9	9
63	Rapid Spot Test Analysis for the Detection of Urotropine in Pharmaceutical Preparations This paper is dedicated to the memory of Professors Waldemar Saffioti (1922-1999) and Manuel Molina Ortega (1931-1999).. <i>Analytical Letters</i> , 2000, 33, 2901-2912.	1.0	9
64	Spectrophotometric determination of diclofenac in pharmaceutical preparations assisted by microwave oven. <i>Eletica Quimica</i> , 2005, 30, 29-36.	0.2	9
65	Determina~o simult~nea de res~duos de cloranfenicol, tianfenicol e florfenicol em leite bovino por cromatografia eletroc~tica micelar. <i>Quimica Nova</i> , 2006, 29, 926-931.	0.3	9
66	Determina~o espectrofotom~trica de citrato de sildenafil em formula~es farmac~uticas. <i>Quimica Nova</i> , 2008, 31, 1112-1116.	0.3	9
67	Potentiometric sensor for furosemide determination in pharmaceuticals, urine, blood serum and bovine milk. <i>Journal of the Brazilian Chemical Society</i> , 2009, 20, 64-73.	0.6	9
68	Rapid determination of furosemide by combined spot test/diffuse reflectance spectroscopy to detect doping in sport. <i>Microchemical Journal</i> , 2013, 109, 68-72.	2.3	9
69	A new eco-friendly methodology for the determination of Amaranth dye in foodstuffs using diffuse reflectance spectroscopy. <i>Analytical Methods</i> , 2016, 8, 4086-4092.	1.3	9
70	Authenticity assessment of anabolic androgenic steroids in counterfeit drugs by ¹ H NMR. <i>Analytical Methods</i> , 2018, 10, 1140-1150.	1.3	9
71	Paper platform for determination of bumetanide in human urine samples to detect doping in sports using digital image analysis. <i>Microchemical Journal</i> , 2019, 147, 43-48.	2.3	9
72	Environmental Coordination Chemistry: Binary Systems Comprising Some Bivalent Cations and Monocarboxylates in Aqueous Solution. Ionic Medium Effects on Equilibrium Constants. <i>International Journal of Environmental Analytical Chemistry</i> , 1997, 68, 295-311.	1.8	8

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73	Determination of ambroxol in syrups using diffuse reflectance spectroscopy. <i>Quimica Nova</i> , 2009, 32, 1513-1516.	0.3	8
74	Distribuição geoquímica e biodisponibilidade de metais traço em sedimentos no Rio Bento Gomes, Poconó - MT, Brasil. <i>Acta Amazonica</i> , 2016, 46, 161-174.	0.3	8
75	Development of a sensitive potentiometric sensor for determination of fumaric acid in powdered food products. <i>Food Chemistry</i> , 2012, 134, 483-487.	4.2	7
76	Reliable discriminant analysis tool for controlling the roast degree of coffee samples through chemical markers approach. <i>European Food Research and Technology</i> , 2017, 243, 761-768.	1.6	7
77	Flow-Injection Spectrophotometric Determination of Novalgin in Pharmaceuticals Using Micellar Medium. <i>Analytical Sciences</i> , 2007, 23, 1383-1389.	0.8	6
78	Sensitive flow-injection spectrophotometric analysis of bromopride. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 133, 597-604.	2.0	6
79	A Rapid and Eco-Friendly Method for Determination of Hydrolysable Tannins and Its Application to Honey Samples. <i>Food Analytical Methods</i> , 2016, 9, 2552-2559.	1.3	6
80	A paper platform for colorimetric determination of aluminum hydrochloride in antiperspirant samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2018, 204, 432-435.	2.0	6
81	Sequential injection analysis system with spectrophotometric detection for determination of norfloxacin and ciprofloxacin in pharmaceutical formulations. <i>Quimica Nova</i> , 2011, 34, 256-261.	0.3	5
82	A New Approach for Determining Stability Constants of Metal Ion Complexes in Aquatic Systems Based on Flow Injection-Ion Exchange-Flame Atomic Absorption Spectrometry Coupling. <i>International Journal of Environmental Analytical Chemistry</i> , 1997, 68, 1-11.	1.8	4
83	Construção e aplicação físico-química de um eletrodo de segunda espécie, sensível ao ânion oxalato, em meio aquoso. <i>Eletica Quimica</i> , 2000, 25, 123-135.	0.2	4
84	p-Aminobenzoate ion determination in pharmaceutical formulations by using a potentiometric sensor immobilized in a graphite matrix. <i>Talanta</i> , 2004, 63, 833-838.	2.9	3
85	An Environmentally Friendly Reflectometric Method for Bumetanide Determination in Pharmaceuticals. <i>Analytical Sciences</i> , 2009, 25, 897-901.	0.8	3
86	Desenvolvimento de um método reflectométrico ambientalmente mais amigável para a determinação de metoclopramida em formulações farmacêuticas. <i>Quimica Nova</i> , 2010, 33, 461-465.	0.3	2
87	Determinação espectrofotométrica por injeção em fluxo de glifosato em formulações comerciais de herbicidas. <i>Quimica Nova</i> , 2012, 35, 114-118.	0.3	2
88	Development of a new clean methodology with ultrasound-assisted extraction for analysis of sodium in pet foods. <i>Analytical Methods</i> , 2015, 7, 2433-2436.	1.3	2
89	An eco-friendly method for analysis of sulfonamides in water samples using a multi-pumping system. <i>Canadian Journal of Chemistry</i> , 2016, 94, 812-817.	0.6	2
90	Spot-test identification and rapid quantitative sequential analysis of dipyrone. <i>Eletica Quimica</i> , 2010, 35, 41-46.	0.2	2

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91	Green Determination of Urea in Moisturizers by Diffuse Reflectance Spectroscopy. Analytical Letters, 2017, 50, 2030-2043.	1.0	1
92	Desenvolvimento de método espectrofotométrico para análise de paraformaldeído em saneantes comerciais e industriais. Ectetica Quimica, 2002, 27, .	0.2	1
93	A SIMPLE SPECTROPHOTOMETRIC METHOD FOR THE DETERMINATION OF CAPTOPRIL IN PHARMACEUTICAL PREPARATIONS USING AMMONIUM MOLYBDATE. Ectetica Quimica, 0, 35, 179.	0.2	1
94	Design of volatile organic compounds profiles of roasted <i>Coffea arabica</i> extracts produced by supercritical and conventional solvents. International Journal of Food Science and Technology, 2022, 57, 5479-5493.	1.3	1
95	Avaliação e caracterização da pastilha sensora de um eletrodo de segunda espécie sensível a oxalato. Ectetica Quimica, 2003, 28, 85-90.	0.2	0
96	Determinação espectrofotométrica de hexametilenotetramina (HMT) em medicamentos, utilizando ácido cromotrópico e forno de micro-ondas. Quimica Nova, 2009, 32, .	0.3	0
97	A Contribution to the estimation of binary halide and pseudo-halide equilibrium constants using a linear extrapolation methodology. Journal of the Brazilian Chemical Society, 2010, 21, 135-141.	0.6	0
98	Development and application of a portable instrument for drugs analysis in pharmaceutical preparations. Brazilian Journal of Pharmaceutical Sciences, 2015, 51, 699-708.	1.2	0
99	Desenvolvimento de metodologia simplificada para análise de hexametilenotetramina (hmt) em medicamentos contendo corantes em sua formulação. Ectetica Quimica, 2001, 26, 175-184.	0.2	0
100	Determinação espectrofotométrica de ácido glicólico com ácido cromotrópico assistida por forno de microondas. Ectetica Quimica, 2002, 27, .	0.2	0
101	Determinação de parâmetros físico-químicos com um sensor potenciométrico sensível ao ânion p-aminobenzoato. Ectetica Quimica, 2004, 29, 15-23.	0.2	0
102	Rapid Determination of Lead in Progressive Hair Dye Lotion by Spot Test/Diffuse Reflectance Spectroscopy with a Paper Platform. Journal of the Brazilian Chemical Society, 2015, , .	0.6	0
103	Spot-test identification and rapid quantitative sequential analysis of dipyrone. Ectetica Quimica, 0, 35, 41.	0.2	0
104	A SIMPLE SPECTROPHOTOMETRIC METHOD FOR THE DETERMINATION OF TETRACYCLINE AND DOXYCYCLINE IN PHARMACEUTICAL FORMULATIONS USING CHLORAMINE-T. Ectetica Quimica, 0, 35, 139.	0.2	0