

# Leonardo Pezza

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

93  
papers

1,352  
citations

20  
h-index

29  
g-index

104  
ext. papers

1,581  
ext. citations

3.5  
avg, IF

4.72  
L-index

#	Paper	IF	Citations
93	Bioactive paper platform for detection of hydrogen peroxide in milk. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2020</b> , 227, 117774	4.4	12
92	Authentication of roasted and ground coffee samples containing multiple adulterants using NMR and a chemometric approach. <i>Food Control</i> , <b>2020</b> , 112, 107104	6.2	25
91	Paper platform for determination of bumetanide in human urine samples to detect doping in sports using digital image analysis. <i>Microchemical Journal</i> , <b>2019</b> , 147, 43-48	4.8	5
90	Discrimination of Brazilian lager beer by H NMR spectroscopy combined with chemometrics. <i>Food Chemistry</i> , <b>2019</b> , 272, 488-493	8.5	18
89	<sup>1</sup> H NMR spectroscopy combined with multivariate data analysis for differentiation of Brazilian lager beer according to brewery. <i>European Food Research and Technology</i> , <b>2019</b> , 245, 2365-2372	3.4	7
88	Determination of amino acids in gym supplements using digital images and paper platform coupled to diffuse reflectance spectroscopy and USB device. <i>Talanta</i> , <b>2019</b> , 196, 523-529	6.2	7
87	An overview of the main foodstuff sample preparation technologies for tetracycline residue determination. <i>Talanta</i> , <b>2018</b> , 182, 1-21	6.2	68
86	Authenticity assessment of anabolic androgenic steroids in counterfeit drugs by <sup>1</sup> H NMR. <i>Analytical Methods</i> , <b>2018</b> , 10, 1140-1150	3.2	5
85	Simultaneous determination of renal function biomarkers in urine using a validated paper-based microfluidic analytical device. <i>Analytica Chimica Acta</i> , <b>2018</b> , 997, 16-23	6.6	47
84	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> , <b>2018</b> , 189, 221-226	4.4	8
83	<sup>1</sup> H NMR determination of adulteration of anabolic steroids in seized drugs. <i>Steroids</i> , <b>2018</b> , 138, 47-56	2.8	12
82	A paper platform for colorimetric determination of aluminum hydrochloride in antiperspirant samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2018</b> , 204, 432-435	4.4	3
81	Fingerprint and authenticity roasted coffees by H-NMR: the Brazilian coffee case. <i>Food Science and Biotechnology</i> , <b>2018</b> , 27, 19-26	3	25
80	Real-time monitoring of a coffee roasting process with near infrared spectroscopy using multivariate statistical analysis: A feasibility study. <i>Talanta</i> , <b>2018</b> , 179, 292-299	6.2	32
79	Optimized Synthesis of Silver Nanoparticles by Factorial Design with Application for the Determination of Melamine in Milk. <i>Analytical Letters</i> , <b>2017</b> , 50, 829-841	2.2	13
78	Paper platform for reflectometric determination of furfural and hydroxymethylfurfural in sugarcane liquor. <i>Microchemical Journal</i> , <b>2017</b> , 133, 286-292	4.8	5
77	Authenticity of roasted coffee using <sup>1</sup> H NMR spectroscopy. <i>Journal of Food Composition and Analysis</i> , <b>2017</b> , 57, 24-30	4.1	45

76	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> , <b>2017</b> , 10, 630-638	5.1	17
75	Fast and simple method for identification of adulteration of cow's milk with urea using diffuse reflectance spectroscopy. <i>Analytical Methods</i> , <b>2017</b> , 9, 6357-6364	3.2	6
74	Green Determination of Urea in Moisturizers by Diffuse Reflectance Spectroscopy. <i>Analytical Letters</i> , <b>2017</b> , 50, 2030-2043	2.2	
73	Multiplexed analysis combining distinctly-sized CdTe-MPA quantum dots and chemometrics for multiple mutually interfering analyte determination. <i>Talanta</i> , <b>2017</b> , 174, 572-580	6.2	15
72	Discriminant analysis for unveiling the origin of roasted coffee samples: A tool for quality control of coffee related products. <i>Food Control</i> , <b>2017</b> , 73, 164-174	6.2	24
71	Reliable discriminant analysis tool for controlling the roast degree of coffee samples through chemical markers approach. <i>European Food Research and Technology</i> , <b>2017</b> , 243, 761-768	3.4	6
70	Simple and clean determination of tetracyclines by flow injection analysis. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2016</b> , 153, 386-92	4.4	35
69	Flow Injection Analysis of 5-(Hydroxymethyl)-2-furaldehyde in Honey by a Modified Winkler Method. <i>Analytical Sciences</i> , <b>2016</b> , 32, 413-7	1.7	6
68	A greener flow injection method based on a LWCC for the screening of tetracycline antibiotics in bovine milk samples. <i>Analytical Methods</i> , <b>2016</b> , 8, 5262-5271	3.2	12
67	Coffee Adulteration: More than Two Decades of Research. <i>Critical Reviews in Analytical Chemistry</i> , <b>2016</b> , 46, 83-92	5.2	64
66	A simple and green analytical method for determination of copper(II) in whisky and sugarcane spirit by diffuse reflectance spectroscopy. <i>Analytical Methods</i> , <b>2016</b> , 8, 1867-1875	3.2	11
65	Distribuio geoqumica e biodisponibilidade de metais traes em sedimentos no Rio Bento Gomes, Pocon- MT, Brasil. <i>Acta Amazonica</i> , <b>2016</b> , 46, 161-174	0.8	4
64	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> , <b>2016</b> , 408, 6201-11	4.4	15
63	A Rapid and Eco-Friendly Method for Determination of Hydrolysable Tannins and Its Application to Honey Samples. <i>Food Analytical Methods</i> , <b>2016</b> , 9, 2552-2559	3.4	3
62	A new eco-friendly methodology for the determination of Amaranth dye in foodstuffs using diffuse reflectance spectroscopy. <i>Analytical Methods</i> , <b>2016</b> , 8, 4086-4092	3.2	8
61	An eco-friendly method for analysis of sulfonamides in water samples using a multi-pumping system. <i>Canadian Journal of Chemistry</i> , <b>2016</b> , 94, 812-817	0.9	2
60	Relationship Between the Different Aspects Related to Coffee Quality and Their Volatile Compounds. <i>Comprehensive Reviews in Food Science and Food Safety</i> , <b>2016</b> , 15, 705-719	16.4	81
59	Development of a new clean methodology with ultrasound-assisted extraction for analysis of sodium in pet foods. <i>Analytical Methods</i> , <b>2015</b> , 7, 2433-2436	3.2	1

58	Screening and determination of sulphonamide residues in bovine milk samples using a flow injection system. <i>Food Chemistry</i> , <b>2015</b> , 166, 309-315	8.5	11
57	Development and application of a portable instrument for drugs analysis in pharmaceutical preparations. <i>Brazilian Journal of Pharmaceutical Sciences</i> , <b>2015</b> , 51, 699-708	1.8	
56	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> , <b>2014</b> , 121, 281-7	6.2	16
55	Sensitive flow-injection spectrophotometric analysis of bromopride. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2014</b> , 133, 597-604	4.4	5
54	Rapid determination of furosemide by combined spot test/diffuse reflectance spectroscopy to detect doping in sport. <i>Microchemical Journal</i> , <b>2013</b> , 109, 68-72	4.8	8
53	Development of a sensitive potentiometric sensor for determination of fumaric acid in powdered food products. <i>Food Chemistry</i> , <b>2012</b> , 134, 483-487	8.5	7
52	Determination of nitrite in meat products and water using dapson with combined spot test/diffuse reflectance on filter paper. <i>Food Chemistry</i> , <b>2012</b> , 134, 2546-51	8.5	25
51	Sequential injection analysis system with spectrophotometric detection for determination of norfloxacin and ciprofloxacin in pharmaceutical formulations. <i>Quimica Nova</i> , <b>2011</b> , 34, 256-261	1.6	5
50	Determination of glyphosate in water samples by multi-pumping flow system coupled to a liquid waveguide capillary cell. <i>Analytical Sciences</i> , <b>2011</b> , 27, 1031-6	1.7	12
49	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> , <b>2011</b> , 79, 1881-5	4.4	20
48	A simple spectrophotometric method for the determination of captopril in pharmaceutical preparations using ammonium molybdate. <i>Eletica Quimica</i> , <b>2010</b> , 35, 179-188	2.6	12
47	A simple spectrophotometric method for the determination of tetracycline and doxycycline in pharmaceutical formulations using chloramine-T. <i>Eletica Quimica</i> , <b>2010</b> , 35, 139-146	2.6	12
46	Spot-test identification and rapid quantitative sequential analysis of dipyrone. <i>Eletica Quimica</i> , <b>2010</b> , 35, 41-46	2.6	2
45	Determination of ambroxol in syrups using diffuse reflectance spectroscopy. <i>Quimica Nova</i> , <b>2009</b> , 32, 1513-1516	1.6	6
44	An environmentally friendly reflectometric method for ranitidine determination in pharmaceuticals and human urine. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2009</b> , 71, 1999-2004	4.4	12
43	Potentiometric sensor for sorbic acid determination in food products. <i>Food Chemistry</i> , <b>2009</b> , 115, 1563-1567	5.7	11
42	Potentiometric sensor for furosemide determination in pharmaceuticals, urine, blood serum and bovine milk. <i>Journal of the Brazilian Chemical Society</i> , <b>2009</b> , 20, 64-73	1.5	4
41	An environmentally friendly reflectometric method for bumetanide determination in pharmaceuticals. <i>Analytical Sciences</i> , <b>2009</b> , 25, 897-901	1.7	3

40	Flow-injection spectrophotometric determination of tetracycline and doxycycline in pharmaceutical formulations using chloramine-T as oxidizing agent. <i>Quimica Nova</i> , <b>2009</b> , 32, 1764-1769	1.6	7
39	Flow-injection spectrophotometric determination of azithromycin in pharmaceutical formulations using p-chloranil in the presence of hydrogen peroxide. <i>Analytical Sciences</i> , <b>2008</b> , 24, 871-6	1.7	14
38	A simple and green analytical method for the determination of formaldehyde. <i>Journal of the Brazilian Chemical Society</i> , <b>2008</b> , 19, 1531-1537	1.5	9
37	Development of a potentiometric flufenamate ISE and its application to pharmaceutical and clinical analyses. <i>Journal of the Brazilian Chemical Society</i> , <b>2008</b> , 19, 162-168	1.5	10
36	Determinação espectrofotométrica de citrato de sildenafil em formulações farmacêuticas. <i>Quimica Nova</i> , <b>2008</b> , 31, 1112-1116	1.6	6
35	Detection of propranolol in pharmaceutical formulations by diffuse reflectance spectroscopy. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , <b>2008</b> , 69, 1103-9	4.4	29
34	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> , <b>2008</b> , 90, 124-128	4.8	10
33	A simplified reflectometric method for the rapid determination of dipyrone in pharmaceutical formulations. <i>Journal of the Brazilian Chemical Society</i> , <b>2007</b> , 18, 846-854	1.5	8
32	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> , <b>2007</b> , 128, 117-123	8.5	32
31	Flow-injection spectrophotometric determination of novalgin in pharmaceuticals using micellar medium. <i>Analytical Sciences</i> , <b>2007</b> , 23, 1383-9	1.7	4
30	Determination of diclofenac in pharmaceutical preparations using a potentiometric sensor immobilized in a graphite matrix. <i>Talanta</i> , <b>2006</b> , 68, 636-42	6.2	37
29	Determinação simultânea de resíduos de cloranfenicol, tianfenicol e florfenicol em leite bovino por cromatografia eletrocínica micelar. <i>Quimica Nova</i> , <b>2006</b> , 29, 926-931	1.6	7
28	Determination of methyl dopa in pharmaceutical formulations by combined spot test-diffuse reflectance spectroscopy. <i>Journal of the Brazilian Chemical Society</i> , <b>2006</b> , 17, 674-679	1.5	9
27	A new potentiometric ibuprofenate ion sensor immobilized in a graphite matrix for determination of ibuprofen in tablets. <i>Microchemical Journal</i> , <b>2006</b> , 84, 44-49	4.8	26
26	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> , <b>2006</b> , 17, 785-791	1.5	12
25	Flow-injection spectrophotometric determination of methyl dopa in pharmaceutical formulations. <i>Talanta</i> , <b>2005</b> , 67, 240-4	6.2	27
24	Determination of hydrochlorothiazide in pharmaceutical formulations by diffuse reflectance spectroscopy. <i>Eletica Quimica</i> , <b>2005</b> , 30, 17-24	2.6	12
23	Spectrophotometric determination of diclofenac in pharmaceutical preparations assisted by microwave oven. <i>Eletica Quimica</i> , <b>2005</b> , 30, 29-36	2.6	7

22	Spectrophotometric determination of methyl dopa in pharmaceutical formulations. <i>Ecleitica Quimica</i> , <b>2005</b> , 30, 23-28	2.6	7
21	Spectrophotometric determination of formaldehyde with chromotropic acid in phosphoric acid medium assisted by microwave oven. <i>Microchemical Journal</i> , <b>2004</b> , 77, 47-51	4.8	25
20	A simplified spectrophotometric method for routine analysis of saccharin in commercial noncaloric sweeteners. <i>Journal of Agricultural and Food Chemistry</i> , <b>2004</b> , 52, 7788-92	5.7	11
19	p-Aminobenzoate ion determination in pharmaceutical formulations by using a potentiometric sensor immobilized in a graphite matrix. <i>Talanta</i> , <b>2004</b> , 63, 833-8	6.2	3
18	Determination of furosemide in pharmaceutical formulations by diffuse reflectance spectroscopy. <i>Talanta</i> , <b>2004</b> , 64, 361-5	6.2	28
17	Determinao de parmetros fsico-qumicos com um sensor potenciomtrico sensvel ao n p-aminobenzoato. <i>Ecleitica Quimica</i> , <b>2004</b> , 29, 15-23	2.6	
16	Potentiometric determination of captopril in pharmaceutical formulations. <i>Ecleitica Quimica</i> , <b>2003</b> , 28, 39-44	2.6	16
15	Avaliao e caracterizao da pastilha sensora de um eletrodo de segunda espcie sensvel a oxalato. <i>Ecleitica Quimica</i> , <b>2003</b> , 28, 85-90	2.6	
14	Potentiometric determination of saccharin in commercial artificial sweeteners using a silver electrode. <i>Food Chemistry</i> , <b>2003</b> , 83, 297-301	8.5	27
13	Chromotropic acid-formaldehyde reaction in strongly acidic media. The role of dissolved oxygen and replacement of concentrated sulphuric acid. <i>Talanta</i> , <b>2003</b> , 60, 171-6	6.2	30
12	Benzoate ion determination in beverages by using a potentiometric sensor immobilized in a graphite matrix. <i>Analytica Chimica Acta</i> , <b>2001</b> , 433, 281-288	6.6	17
11	Desenvolvimento de metodologia simplificada para anlise de hexametilenotetramina (hmt) em medicamentos contendo corantes em sua formulao. <i>Ecleitica Quimica</i> , <b>2001</b> , 26, 175-184	2.6	
10	Rapid Spot Test Analysis for the Detection of Dipyrone in Pharmaceutical Preparations.. <i>Analytical Sciences</i> , <b>2000</b> , 16, 313-315	1.7	13
9	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> , <b>2000</b> , 33, 2901-2912	2.2	8
8	Construo e aplicao fsico-qumica de um eletrodo de segunda espcie, sensvel ao n oxalato, em meio aquoso. <i>Ecleitica Quimica</i> , <b>2000</b> , 25, 123-135	2.6	4
7	Spectrophotometric determination of dipyrone in pharmaceutical preparations by using chromotropic acid. <i>Il Farmaco</i> , <b>1999</b> , 54, 629-635		16
6	An Electrode of the Second Kind for Aspirin Determination in Tablet Formulations.. <i>Analytical Sciences</i> , <b>1999</b> , 15, 249-253	1.7	13
5	An Electrode of the Second Kind for Benzoate Determination in Medicinal Syrups. <i>Microchemical Journal</i> , <b>1998</b> , 60, 184-192	4.8	12

4	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> , <b>1997</b> , 68, 1-11	1.8	2
3	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> , <b>1997</b> , 68, 295-311	1.8	8
2	Ionic medium effects on equilibrium constants Part II. Binary systems comprising some bivalent cations and monocarboxylates in aqueous solution. <i>Talanta</i> , <b>1996</b> , 43, 1697-704	6.2	8
1	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> , <b>1996</b> , 43, 1689-95	6.2	17