

Helena Redigolo Pezza

List of Publications by Year in descending order

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76
papers

1,557
citations

304368

22
h-index

360668

35
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76
all docs

76
docs citations

76
times ranked

1910
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 ^1H 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	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
9	Fingerprint and authenticity roasted coffees by ^1H -NMR: the Brazilian coffee case. <i>Food Science and Biotechnology</i> , 2018, 27, 19-26.	1.2	40
10	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
11	Green synthesis of fluorescent carbon dots for determination of glucose in biofluids using a paper platform. <i>Talanta</i> , 2019, 201, 503-510.	2.9	35
12	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
13	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
14	Potentiometric determination of saccharin in commercial artificial sweeteners using a silver electrode. <i>Food Chemistry</i> , 2003, 83, 297-301.	4.2	31
15	Direct Analysis of Doping Agents in Raw Urine Using Hydrophobic Paper Spray Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 1212-1222.	1.2	31
16	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
17	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
18	Discrimination of Brazilian lager beer by ^1H NMR spectroscopy combined with chemometrics. <i>Food Chemistry</i> , 2019, 272, 488-493.	4.2	28

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19	Paper microfluidic device using carbon dots to detect glucose and lactate in saliva samples. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2021, 248, 119285.	2.0	28
20	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
21	Spectrophotometric determination of dipyrone in pharmaceutical preparations by using chromotropic acid. <i>Il Farmaco</i> , 1999, 54, 629-635.	0.9	25
22	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
23	¹ H NMR determination of adulteration of anabolic steroids in seized drugs. <i>Steroids</i> , 2018, 138, 47-56.	0.8	23
24	Rapid Spot Test Analysis for the Detection of Dipyrone in Pharmaceutical Preparations.. <i>Analytical Sciences</i> , 2000, 16, 313-315.	0.8	22
25	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
26	KINETICS AND MECHANISM OF THE INDUCED REDOX REACTION OF [Ni(CYCLAM)] ₂ ⁺ PROMOTED BY SO ₅ ²⁻ . <i>Journal of Coordination Chemistry</i> , 1999, 47, 107-119.	0.8	21
27	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
28	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
29	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
30	Potentiometric sensor for sorbic acid determination in food products. <i>Food Chemistry</i> , 2009, 115, 1563-1567.	4.2	17
31	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
32	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
33	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
34	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
35	An Electrode of the Second Kind for Aspirin Determination in Tablet Formulations.. <i>Analytical Sciences</i> , 1999, 15, 249-253.	0.8	15
36	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

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37	A simple and green analytical method for determination of copper in whisky and sugarcane spirit by diffuse reflectance spectroscopy. <i>Analytical Methods</i> , 2016, 8, 1867-1875.	1.3	14
38	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
39	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
40	An Electrode of the Second Kind for Benzoate Determination in Medicinal Syrups. <i>Microchemical Journal</i> , 1998, 60, 184-192.	2.3	12
41	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
42	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
43	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
44	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
45	Paper platform for reflectometric determination of furfural and hydroxymethylfurfural in sugarcane liquor. <i>Microchemical Journal</i> , 2017, 133, 286-292.	2.3	11
46	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
47	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
48	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
49	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
50	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
51	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
52	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
53	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
54	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

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55	Authenticity assessment of anabolic androgenic steroids in counterfeit drugs by ¹ H NMR. <i>Analytical Methods</i> , 2018, 10, 1140-1150.	1.3	9
56	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
57	Determination of ambroxol in syrups using diffuse reflectance spectroscopy. <i>Quimica Nova</i> , 2009, 32, 1513-1516.	0.3	8
58	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
59	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
60	Flow-Injection Spectrophotometric Determination of Novalgin in Pharmaceuticals Using Micellar Medium. <i>Analytical Sciences</i> , 2007, 23, 1383-1389.	0.8	6
61	Sensitive flow-injection spectrophotometric analysis of bromopride. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2014, 133, 597-604.	2.0	6
62	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
63	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
64	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
65	An Environmentally Friendly Reflectometric Method for Bumetanide Determination in Pharmaceuticals. <i>Analytical Sciences</i> , 2009, 25, 897-901.	0.8	3
66	Determinação espectrofotométrica por injeção em fluxo de glifosato em formulações comerciais de herbicidas. <i>Quimica Nova</i> , 2012, 35, 114-118.	0.3	2
67	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
68	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
69	Green Determination of Urea in Moisturizers by Diffuse Reflectance Spectroscopy. <i>Analytical Letters</i> , 2017, 50, 2030-2043.	1.0	1
70	A SIMPLE SPECTROPHOTOMETRIC METHOD FOR THE DETERMINATION OF CAPTOPRIL IN PHARMACEUTICAL PREPARATIONS USING AMMONIUM MOLYBDATE. <i>Eletica Quimica</i> , 0, 35, 179.	0.2	1
71	Design of volatile organic compounds profiles of roasted <i>Coffea arabica</i> extracts produced by supercritical and conventional solvents. <i>International Journal of Food Science and Technology</i> , 2022, 57, 5479-5493.	1.3	1
72	Development and application of a portable instrument for drugs analysis in pharmaceutical preparations. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2015, 51, 699-708.	1.2	0

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73	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
74	A Green Analytical Method Using Polyurethane Foam for The Extraction and Determination of Lauryl Ether Sulfate in Personal Care Hygiene Products. Journal of the Brazilian Chemical Society, 0, , .	0.6	0
75	Spot-test identification and rapid quantitative sequential analysis of dipyrone. Ectetica Quimica, 0, 35, 41.	0.2	0
76	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