

Wanderson Romao

List of Publications by Year in descending order

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217
papers

4,742
citations

101543

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161849

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218
all docs

218
docs citations

218
times ranked

4890
citing authors

#	ARTICLE	IF	CITATIONS
1	Ambient mass spectrometry: bringing MS into the "real world" Analytical and Bioanalytical Chemistry, 2010, 398, 265-294.	3.7	301
2	Venturi Easy Ambient Sonic-Spray Ionization. Analytical Chemistry, 2011, 83, 1375-1380.	6.5	125
3	Portable near infrared spectroscopy applied to quality control of Brazilian coffee. Talanta, 2018, 176, 59-68.	5.5	110
4	Monitoring the liquid/liquid extraction of naphthenic acids in brazilian crude oil using electrospray ionization FT-ICR mass spectrometry (ESI FT-ICR MS). Fuel, 2013, 108, 647-655.	6.4	107
5	Instantaneous chemical profiles of banknotes by ambient mass spectrometry. Analyst, The, 2010, 135, 2533.	3.5	84
6	Poly (ethylene terephthalate) thermo-mechanical and thermo-oxidative degradation mechanisms. Polymer Degradation and Stability, 2009, 94, 1849-1859.	5.8	82
7	An evaluation of the aromaticity of asphaltenes using atmospheric pressure photoionization Fourier transform ion cyclotron resonance mass spectrometry " APPI(±)FT-ICR MS. Fuel, 2014, 118, 348-357.	6.4	82
8	Characterization of thermal and catalytic pyrolysis bio-oils by high-resolution techniques: 1 H NMR, GC - GC-TOFMS and FT-ICR MS. Journal of Analytical and Applied Pyrolysis, 2016, 117, 257-267.	5.5	80
9	FT-ICR MS analysis of asphaltenes: Asphaltenes go in, fullerenes come out. Fuel, 2014, 131, 49-58.	6.4	75
10	Characterization of polar compounds in a true boiling point distillation system using electrospray ionization FT-ICR mass spectrometry. Fuel, 2014, 115, 190-202.	6.4	74
11	Assessing the chemical composition of bio-oils using FT-ICR mass spectrometry and comprehensive two-dimensional gas chromatography with time-of-flight mass spectrometry. Microchemical Journal, 2014, 117, 68-76.	4.5	70
12	Chemical profile of mango (Mangifera indica L.) using electrospray ionisation mass spectrometry (ESI-MS). Food Chemistry, 2016, 204, 37-45.	8.2	60
13	Fingerprinting of sildenafil citrate and tadalafil tablets in pharmaceutical formulations via X-ray fluorescence (XRF) spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2012, 58, 7-11.	2.8	57
14	A new insert sample approach to paper spray mass spectrometry: a paper substrate with paraffin barriers. Analyst, The, 2016, 141, 1707-1713.	3.5	57
15	Paper spray ionization and portable mass spectrometers: a review. Analytical Methods, 2019, 11, 999-1013.	2.7	53
16	Poli(tereftalato de etileno), PET: uma reviso sobre os processos de sntese, mecanismos de degradao e sua reciclagem. Polimeros, 2009, 19, 121-132.	0.7	52
17	Paper Spray Tandem Mass Spectrometry Based on Molecularly Imprinted Polymer Substrate for Cocaine Analysis in Oral Fluid. Journal of the American Society for Mass Spectrometry, 2018, 29, 566-572.	2.8	52
18	Antioxidant potential and vasodilatory activity of fermented beverages of jabuticaba berry (Myrciaria Tj ETQq0 0 0 rgBT /Overlock 10 Tf	3.4	50

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19	Petroleomics by electrospray ionization FT-ICR mass spectrometry coupled to partial least squares with variable selection methods: prediction of the total acid number of crude oils. <i>Analyst, The</i> , 2014, 139, 4908-4916.	3.5	50
20	Mechanisms involved in the gastroprotective activity of <i>Celtis iguanaea</i> (Jacq.) Sargent on gastric lesions in mice. <i>Journal of Ethnopharmacology</i> , 2014, 155, 1616-1624.	4.1	47
21	Chemical profile of meta-chlorophenylpiperazine (m-CPP) in ecstasy tablets by easy ambient sonic-spray ionization, X-ray fluorescence, ion mobility mass spectrometry and NMR. <i>Analytical and Bioanalytical Chemistry</i> , 2011, 400, 3053-3064.	3.7	46
22	Analyzes of hydrocarbons by atmosphere pressure chemical ionization FT-ICR mass spectrometry using isooctane as ionizing reagent. <i>Fuel</i> , 2015, 153, 346-354.	6.4	46
23	Petroleum crude oil analysis using low-temperature plasma mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2013, 27, 825-834.	1.5	45
24	Analysis of the heavy oil distillation cuts corrosion by electrospray ionization FT-ICR mass spectrometry, electrochemical impedance spectroscopy, and scanning electron microscopy. <i>Fuel</i> , 2013, 104, 656-663.	6.4	45
25	Quantification and classification of vegetable oils in extra virgin olive oil samples using a portable near-infrared spectrometer associated with chemometrics. <i>Microchemical Journal</i> , 2020, 159, 105544.	4.5	45
26	Portable near infrared spectroscopy applied to fuel quality control. <i>Talanta</i> , 2018, 176, 26-33.	5.5	44
27	Characterization of nonvolatile polar compounds from Brazilian oils by electrospray ionization with FT-ICR MS and Orbitrap-MS. <i>Fuel</i> , 2020, 282, 118790.	6.4	44
28	Determination of Saturates, Aromatics, and Polars in Crude Oil by ¹³ C NMR and Support Vector Regression with Variable Selection by Genetic Algorithm. <i>Energy & Fuels</i> , 2016, 30, 1972-1978.	5.1	43
29	Gasoline, Kerosene, and Diesel Fingerprinting via Polar Markers. <i>Energy & Fuels</i> , 2012, 26, 3542-3547.	5.1	42
30	Characterisation and selection of demulsifiers for water-in-crude oil emulsions using low-field ¹ H NMR and ESI-FT-ICR MS. <i>Fuel</i> , 2015, 140, 762-769.	6.4	41
31	Evidencing the crude oil corrosion by Raman spectroscopy, atomic force microscopy and electrospray ionization FT-ICR mass spectrometry. <i>Fuel</i> , 2015, 139, 328-336.	6.4	41
32	Paper spray ionization mass spectrometry applied to forensic chemistry – drugs of abuse, inks and questioned documents. <i>Analytical Methods</i> , 2017, 9, 4400-4409.	2.7	41
33	Characterization of Naphthenic Acids in Thermally Degraded Petroleum by ESI(̃)-FT-ICR MS and ¹ H NMR after Solid-Phase Extraction and Liquid/Liquid Extraction. <i>Energy & Fuels</i> , 2018, 32, 2878-2888.	5.1	40
34	Portable near infrared spectroscopy applied to abuse drugs and medicine analyses. <i>Analytical Methods</i> , 2018, 10, 593-603.	2.7	40
35	Monitoring the physicochemical degradation of coconut water using ESI-FT-ICR MS. <i>Food Chemistry</i> , 2015, 174, 139-146.	8.2	38
36	Qualitative analysis of designer drugs by paper spray ionisation mass spectrometry (PSI-MS). <i>Analytical Methods</i> , 2016, 8, 614-620.	2.7	38

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37	Catalytic decarboxylation of naphthenic acids in crude oils. <i>Fuel</i> , 2015, 158, 113-121.	6.4	37
38	Fractionation of Asphaltene by Adsorption onto Silica and Chemical Characterization by Atmospheric Pressure Photoionization Fourier Transform Ion Cyclotron Resonance Mass Spectrometry, Fourier Transform Infrared Spectroscopy Coupled to Attenuated Total Reflectance, and Proton Nuclear Magnetic Resonance. <i>Energy & Fuels</i> , 2016, 30, 5439-5448.	5.1	37
39	Monitoring the degradation and the corrosion of naphthenic acids by electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry and atomic force microscopy. <i>Fuel</i> , 2014, 126, 85-95.	6.4	35
40	Synthesis and characterization of aniline copolymers containing carboxylic groups and their application as sensitizer and hole conductor in solar cells. <i>Synthetic Metals</i> , 2009, 159, 2348-2354.	3.9	34
41	Study of the effect of temperature and gas condensate addition on the viscosity of heavy oils. <i>Journal of Petroleum Science and Engineering</i> , 2016, 142, 163-169.	4.2	34
42	Thin layer chromatography coupled to paper spray ionization mass spectrometry for cocaine and its adulterants analysis. <i>Forensic Science International</i> , 2016, 262, 56-65.	2.2	34
43	Quantification of beef, pork, and chicken in ground meat using a portable NIR spectrometer. <i>Vibrational Spectroscopy</i> , 2020, 111, 103158.	2.2	34
44	A new synthetic resorcinolic lipid 3-Heptyl-3,4,6-trimethoxy-3H-isobenzofuran-1-one: Evaluation of toxicology and ability to potentiate the mutagenic and apoptotic effects of cyclophosphamide. <i>European Journal of Medicinal Chemistry</i> , 2014, 75, 132-142.	5.5	33
45	Evaluating the selectivity of colorimetric test (Fast Blue BB salt) for the cannabinoids identification in marijuana street samples by UV-Vis, TLC, ESI(+)FT-ICR MS and ESI(+)MS/MS. <i>Forensic Chemistry</i> , 2016, 1, 13-21.	2.8	33
46	Fractionation of asphaltenes in n-hexane and on adsorption onto CaCO ₃ and characterization by ESI(+)FT-ICR MS: Part I. <i>Fuel</i> , 2017, 210, 790-802.	6.4	33
47	Coupling trapped ion mobility spectrometry to mass spectrometry: trapped ion mobility spectrometry vs flight mass spectrometry versus trapped ion mobility spectrometry vs Fourier transform ion cyclotron resonance mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2018, 32, 1287-1295.	1.5	33
48	Chemical identification of cannabinoids in street marijuana samples using electrospray ionization FT-ICR mass spectrometry. <i>Analytical Methods</i> , 2015, 7, 1415-1424.	2.7	32
49	Ageing of polyamide 11 used in the manufacture of flexible piping. <i>Journal of Applied Polymer Science</i> , 2009, 114, 1777-1783.	2.6	31
50	Gunshot residues (GSR) analysis of clean range ammunition using SEM/EDX, colorimetric test and ICP-MS: A comparative approach between the analytical techniques. <i>Microchemical Journal</i> , 2016, 129, 339-347.	4.5	31
51	Revealing the chemical characterization of asphaltenes fractions produced by N-methylpyrrolidone using FTIR, molecular fluorescence, ¹ H NMR, and ESI(±)FT-ICR MS. <i>Fuel</i> , 2017, 210, 514-526.	6.4	31
52	A new procedure based on column chromatography to purify bromelain by ion exchange plus gel filtration chromatographies. <i>Industrial Crops and Products</i> , 2014, 59, 163-168.	5.2	30
53	Laser desorption ionization FT-ICR mass spectrometry and CARSPLS for predicting basic nitrogen and aromatics contents in crude oils. <i>Fuel</i> , 2015, 160, 274-281.	6.4	30
54	Analytical advanced techniques in the molecular-level characterization of Brazilian crude oils. <i>Microchemical Journal</i> , 2018, 137, 111-118.	4.5	30

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55	Multivariate optimisation of ICP OES instrumental parameters for Pb/Ba/Sb measurement in gunshot residues. <i>Microchemical Journal</i> , 2015, 120, 58-63.	4.5	28
56	Rapid screening of agrochemicals by paper spray ionization and leaf spray mass spectrometry: which technique is more appropriate?. <i>Analytical Methods</i> , 2016, 8, 6023-6029.	2.7	28
57	Paper spray ionization mass spectrometry allied to chemometric tools for quantification of whisky adulteration with additions of sugarcane spirit. <i>Analytical Methods</i> , 2018, 10, 1952-1960.	2.7	28
58	Quantification of milk adulterants (starch, H ₂ O ₂ , and NaClO) using colorimetric assays coupled to smartphone image analysis. <i>Microchemical Journal</i> , 2020, 156, 104968.	4.5	28
59	Phytochemical and <i>in vitro</i> and <i>in vivo</i> biological investigation on the antihypertensive activity of mango leaves (<i>Mangifera indica</i> L.). <i>Therapeutic Advances in Cardiovascular Disease</i> , 2015, 9, 244-256.	2.1	27
60	Extraction and fractionation of basic nitrogen compounds in vacuum residue by solid-phase extraction and characterization by ultra-high resolution mass spectrometry. <i>International Journal of Mass Spectrometry</i> , 2017, 418, 67-72.	1.5	27
61	Profiling counterfeit Cialis, Viagra and analogs by UPLC-MS. <i>Forensic Science International</i> , 2013, 229, 13-20.	2.2	26
62	Antihypertensive Effect of <i>Carica papaya</i> Via a Reduction in ACE Activity and Improved Baroreflex. <i>Planta Medica</i> , 2014, 80, 1580-1587.	1.3	26
63	A survey of adulterants used to cut cocaine in samples seized in the Espírito Santo State by GC-MS allied to chemometric tools. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2016, 56, 73-79.	2.1	26
64	Application of Atmospheric Solids Analysis Probe Mass Spectrometry (ASAP-MS) in Petroleomics: Analysis of Condensed Aromatics Standards, Crude Oil, and Paraffinic Fraction. <i>Journal of the American Society for Mass Spectrometry</i> , 2017, 28, 2401-2407.	2.8	26
65	A simple and convenient method for synthesis of new aminonaphthoquinones derived from lawsone by catalytic multicomponent Mannich reaction. <i>Tetrahedron Letters</i> , 2014, 55, 4373-4377.	1.4	25
66	Forensic ballistics by inductively coupled plasma-optical emission spectroscopy: Quantification of gunshot residues and prediction of the number of shots using different firearms. <i>Microchemical Journal</i> , 2015, 118, 19-25.	4.5	25
67	Petroleomics by Direct Analysis in Real Time-Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2016, 27, 182-185.	2.8	25
68	Characterization of organosulfur compounds in asphalt cement samples by ESI(+)-FT-ICR MS and ¹³ C NMR spectroscopy. <i>Fuel</i> , 2019, 256, 115923.	6.4	25
69	FTIR, ¹ H and ¹³ C NMR data fusion to predict crude oils properties. <i>Fuel</i> , 2020, 263, 116721.	6.4	25
70	Characterization of sildenafil citrate tablets of different sources by near infrared chemical imaging and chemometric tools. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013, 85, 207-212.	2.8	24
71	Determination of crude oil physicochemical properties by high-temperature gas chromatography associated with multivariate calibration. <i>Fuel</i> , 2018, 220, 389-395.	6.4	24
72	Analysis of Cocaine and Crack Cocaine via Thin Layer Chromatography Coupled to Easy Ambient Sonic-Spray Ionization Mass Spectrometry. <i>American Journal of Analytical Chemistry</i> , 2011, 02, 658-664.	0.9	24

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73	Study of degradation of acid crude oil by high resolution analytical techniques. Journal of Petroleum Science and Engineering, 2017, 154, 194-203.	4.2	23
74	A review of chemometrics models to predict crude oil properties from nuclear magnetic resonance and infrared spectroscopy. Fuel, 2021, 303, 121283.	6.4	23
75	<sc>LSD</sc> and 9,10â€dihydroâ€<sc>LSD</sc> Analyses in Street Drug Blotter Samples via Easy Ambient Sonicâ€Spray Ionization MassSpectrometry (<sc>EASI</sc> â€<sc>MS</sc>). Journal of Forensic Sciences, 2012, 57, 1307-1312.	1.6	22
76	Analyzing Brazilian Vehicle Documents for Authenticity by Easy Ambient Sonicâ€Spray Ionization Mass Spectrometry*. Journal of Forensic Sciences, 2012, 57, 539-543.	1.6	22
77	Chemical profiles of Robusta and Arabica coffee by ESI(âˆ)FT-ICR MS and ATR-FTIR: a quantitative approach. Analytical Methods, 2016, 8, 7678-7688.	2.7	22
78	Isomeric separation of cannabinoids by UPLC combined with ionic mobility mass spectrometry (TWIM-MS)â€Part I. International Journal of Mass Spectrometry, 2017, 418, 112-121.	1.5	22
79	Extraction and isolation of cannabinoids from marijuana seizures and characterization by 1H NMR allied to chemometric tools. Science and Justice - Journal of the Forensic Science Society, 2018, 58, 355-365.	2.1	22
80	Discrimination of oils and fuels using a portable NIR spectrometer. Fuel, 2021, 283, 118854.	6.4	22
81	Brown seaweed Padina gymnospora is a prominent natural wound-care product. Revista Brasileira De Farmacognosia, 2016, 26, 714-719.	1.4	21
82	Determination of physicochemical properties of biodiesel and blends using low-field NMR and multivariate calibration. Fuel, 2019, 237, 745-752.	6.4	21
83	Eugenia calycina Cambess extracts and their fractions: Their antimicrobial activity and the identification of major polar compounds using electrospray ionization FT-ICR mass spectrometry. Journal of Pharmaceutical and Biomedical Analysis, 2014, 99, 89-96.	2.8	20
84	Chemical profile of pineapple cv. VitÃ³ria in different maturation stages using electrospray ionization mass spectrometry. Journal of the Science of Food and Agriculture, 2018, 98, 1105-1116.	3.5	20
85	Europiumâ€organic complex as luminescent marker for the visual identification of gunshot residue and characterization by electrospray ionization FT-ICR mass spectrometry. Microchemical Journal, 2014, 116, 216-224.	4.5	19
86	Cytotoxic analysis and chemical characterization of fractions of the hydroalcoholic extract of the <i>Euterpe oleracea</i> Mart. seed in the MCF-7 cell line. Journal of Pharmacy and Pharmacology, 2017, 69, 714-721.	2.4	19
87	Asphaltenes subfractions extracted from Brazilian vacuum residue: Chemical characterization and stabilization of model water-in-oil (W/O) emulsions. Journal of Petroleum Science and Engineering, 2018, 160, 1-11.	4.2	19
88	Direct quantitative analysis of cocaine by thin layer chromatography plus a mobile phone and multivariate calibration: a cost-effective and rapid method. Analytical Methods, 2016, 8, 7632-7637.	2.7	18
89	The role of intermolecular interactions in polyaniline/polyamide-6,6 pressure-sensitive blends studied by DFT and 1H NMR. European Polymer Journal, 2016, 85, 588-604.	5.4	18
90	Quantification of cocaine and its adulterants (lidocaine and levamisole) using the Dragendorff reagent allied to paper spray ionization mass spectrometry. Analytical Methods, 2017, 9, 3662-3668.	2.7	18

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91	Gastroprotective activity of the resin from <i>Virola oleifera</i> . <i>Pharmaceutical Biology</i> , 2017, 55, 472-480.	2.9	18
92	Banknote analysis by portable near infrared spectroscopy. <i>Forensic Chemistry</i> , 2018, 8, 57-63.	2.8	18
93	Characterization of naphthenic acids in crude oil samples – A literature review. <i>Fuel</i> , 2022, 319, 123775.	6.4	18
94	Synthesis, characterization and introduction of a new ion-coordinating ruthenium sensitizer dye in quasi-solid state TiO ₂ solar cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , 2011, 222, 185-191.	3.9	17
95	A novel cytosporone 3-Heptyl-4,6-dihydroxy-3H-isobenzofuran-1-one: synthesis; toxicological, apoptotic and immunomodulatory properties; and potentiation of mutagenic damage. <i>BMC Cancer</i> , 2015, 15, 561.	2.6	17
96	Evaluation of acute toxicity of europium-organic complex applied as a luminescent marker for the visual identification of gunshot residue. <i>Microchemical Journal</i> , 2016, 124, 195-200.	4.5	17
97	Rheological study of the behavior of water-in-oil emulsions of heavy oils. <i>Journal of Petroleum Science and Engineering</i> , 2019, 173, 1323-1331.	4.2	17
98	Chemical profiling and classification of cannabis through electrospray ionization coupled to Fourier transform ion cyclotron resonance mass spectrometry and chemometrics. <i>Analytical Methods</i> , 2017, 9, 4070-4081.	2.7	17
99	Fingerprinting of bottle-grade poly(ethylene terephthalate) via matrix-assisted laser desorption/ionization mass spectrometry. <i>Polymer Degradation and Stability</i> , 2010, 95, 666-671.	5.8	16
100	Distinguishing between virgin and post-consumption bottle-grade poly (ethylene terephthalate) using thermal properties. <i>Polymer Testing</i> , 2010, 29, 879-885.	4.8	16
101	Quality control of ethanol fuel: Assessment of adulteration with methanol using ¹ H NMR. <i>Fuel</i> , 2014, 135, 387-392.	6.4	16
102	Analysis of gunshot residues produced by .38 caliber handguns using inductively coupled plasma-optical emission spectroscopy (ICP OES). <i>Microchemical Journal</i> , 2014, 115, 106-112.	4.5	16
103	LDI and MALDI-FT-ICR imaging MS in <i>Cannabis</i> leaves: optimization and study of spatial distribution of cannabinoids. <i>Analytical Methods</i> , 2019, 11, 1757-1764.	2.7	16
104	Anti-Mayaro virus activity of <i>Cassia australis</i> extracts (Fabaceae, Leguminosae). <i>Parasites and Vectors</i> , 2014, 7, 537.	2.5	15
105	First synthesis of aminonaphthoquinones derived from lawsone in a colloidal dispersion system created by a Brønsted acid-surfactant-combined catalyst in water: An environmentally friendly protocol. <i>Colloids and Interface Science Communications</i> , 2015, 4, 14-18.	4.1	15
106	Evaluation of Adsorbent Materials for the Removal of Nitrogen Compounds in Vacuum Gas Oil by Positive and Negative Electrospray Ionization Fourier Transform Ion Cyclotron Resonance Mass Spectrometry. <i>Energy & Fuels</i> , 2017, 31, 3454-3464.	5.1	15
107	Determination of physicochemical properties of petroleum using ¹ H NMR spectroscopy combined with multivariate calibration. <i>Fuel</i> , 2019, 253, 320-326.	6.4	15
108	Phytochemical profile of genotypes of <i>Euterpe edulis</i> Martius – Juçara palm fruits. <i>Food Research International</i> , 2019, 116, 985-993.	6.2	15

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109	Plectranthus barbatus Andrews as anti-Helicobacter pylori agent with activity against adenocarcinoma gastric cells. Industrial Crops and Products, 2020, 146, 112207.	5.2	15
110	Monitoring the polyamide 11 degradation by thermal properties and X-ray fluorescence spectrometry allied to chemometric methods. X-Ray Spectrometry, 2013, 42, 79-86.	1.4	14
111	Monitorando a degradação da poliamida 11 (PA-11) via espectroscopia na região do infravermelho médio com transformada de fourier (FTIR). Polimeros, 2013, 23, 37-41.	0.7	14
112	Synthesis, Antitumor Activity and Docking of 2,3-(Substituted)-1,4-Naphthoquinone Derivatives Containing Nitrogen, Oxygen and Sulfur. Journal of the Brazilian Chemical Society, 2015, , .	0.6	14
113	Chemical characterization of synthetic cannabinoids by electrospray ionization FT-ICR mass spectrometry. Forensic Science International, 2016, 266, 474-487.	2.2	14
114	Documentoscopy by atomic force microscopy (AFM) coupled with Raman microspectroscopy: applications in banknote and driver license analyses. Analytical Methods, 2016, 8, 771-784.	2.7	14
115	Identification of petroleum profiles by infrared spectroscopy and chemometrics. Fuel, 2019, 254, 115670.	6.4	14
116	NBOMe compounds: An overview about analytical methodologies aiming their determination in biological matrices. TrAC - Trends in Analytical Chemistry, 2019, 114, 260-277.	11.4	14
117	Variable selection in support vector regression using angular search algorithm and variance inflation factor. Journal of Chemometrics, 2020, 34, e3282.	1.3	14
118	Fiber spray ionization mass spectrometry in forensic chemistry: A screening of drugs of abuse and direct determination of cocaine in urine. Rapid Communications in Mass Spectrometry, 2020, 34, e8747.	1.5	14
119	Study of the Influence of Resins on the Asphaltene Aggregates by ¹ H DOSY NMR. Energy & Fuels, 2020, 34, 5679-5688.	5.1	14
120	Development of a portable electroanalytical method using nickel modified screen-printed carbon electrode for ethinylestradiol determination in organic fertilizers. Ecotoxicology and Environmental Safety, 2021, 208, 111430.	6.0	14
121	Portable electronic tongue based on screen-printed electrodes coupled with chemometrics for rapid differentiation of Brazilian lager beer. Food Control, 2021, 127, 108163.	5.5	14
122	Hexane partition from Annona crassiflora Mart. promotes cytotoxicity and apoptosis on human cervical cancer cell lines. Investigational New Drugs, 2019, 37, 602-615.	2.6	13
123	Experimental and ab initio investigation of the products of reaction from ¹¹ C-tetrahydrocannabinol (¹¹ C-THC) and the fast blue BB spot reagent in presumptive drug tests for cannabinoids. Forensic Chemistry, 2020, 17, 100212.	2.8	13
124	DropMS: Petroleomics Data Treatment Based in Web Server for High-Resolution Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2020, 31, 1483-1490.	2.8	13
125	Identification of phenolic compounds in Eugenia uniflora leaves by FTICR MS in association with different ionization sources. Analytical Methods, 2018, 10, 1647-1655.	2.7	12
126	Quantification of cocaine and its adulterants by nuclear magnetic resonance spectroscopy without deuterated solvents (No-D qNMR). Analytical Methods, 2018, 10, 1685-1694.	2.7	12

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127	Fungicides in red wines produced in South America. Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment, 2018, 35, 2135-2144.	2.3	12
128	Chemical Fingerprinting of Counterfeits of Viagra and Cialis Tablets and Analogues via Electrospray Ionization Mass Spectrometry. American Journal of Analytical Chemistry, 2011, 02, 919-928.	0.9	12
129	Characterization of crude oils with a portable NIR spectrometer. Microchemical Journal, 2022, 181, 107696.	4.5	12
130	Viagra® and Cialis® blister packaging fingerprinting using Fourier transform infrared spectroscopy (FTIR) allied with chemometric methods. Analytical Methods, 2014, 6, 2722.	2.7	11
131	Biocontrol potential of <i>Waitea circinata</i> , an orchid mycorrhizal fungus, against the rice blast fungus. Tropical Plant Pathology, 2015, 40, 151-159.	1.5	11
132	No-deuterium proton NMR (No-D NMR): A simple, fast and powerful method for analyses of illegal drugs. Microchemical Journal, 2015, 118, 12-18.	4.5	11
133	Evaluating the effect of ion source gas (N ₂ , He, and synthetic air) on the ionization of hydrocarbon, condensed aromatic standards, and paraffin fractions by APCI(+)-FT-ICR MS. Fuel, 2018, 225, 632-645.	6.4	11
134	Analysis of Isomeric Cannabinoid Standards and Cannabis Products by UPLC-ESI-TWIM-MS: a Comparison with GC-MS and GC-QMS. Journal of the Brazilian Chemical Society, 0, , .	0.6	11
135	<i>Bauhinia variegata candida</i> Fraction Induces Tumor Cell Death by Activation of Caspase-3, RIP, and TNF-R1 and Inhibits Cell Migration and Invasion In Vitro. BioMed Research International, 2018, 2018, 1-10.	1.9	11
136	<i>Annona coriacea</i> Mart. Fractions Promote Cell Cycle Arrest and Inhibit Autophagic Flux in Human Cervical Cancer Cell Lines. Molecules, 2019, 24, 3963.	3.8	11
137	Study of chemical profile and of lines crossing using blue and black ink pens by LDI (+) MS and LDI (+) imaging. Microchemical Journal, 2019, 148, 220-229.	4.5	11
138	Matteucinol, isolated from <i>Miconia chamissois</i> , induces apoptosis in human glioblastoma lines via the intrinsic pathway and inhibits angiogenesis and tumor growth in vivo. Investigational New Drugs, 2020, 38, 1044-1055.	2.6	11
139	Analysis of Robusta coffee cultivated in agroforestry systems (AFS) by ESI-FT-ICR MS and portable NIR associated with sensory analysis. Journal of Food Composition and Analysis, 2020, 94, 103637.	3.9	11
140	A Clinical Trial with Brazilian Arnica (<i>Solidago chilensis</i> Meyen) Glycolic Extract in the Treatment of Tendonitis of Flexor and Extensor Tendons of Wrist and Hand. Phytotherapy Research, 2015, 29, 864-869.	5.8	10
141	<i>Dendranthema grandiflorum</i> , a hybrid ornamental plant, is a source of larvicidal compounds against <i>Aedes aegypti</i> larvae. Revista Brasileira De Farmacognosia, 2016, 26, 342-346.	1.4	10
142	Molecularly imprinted polymers as a selective sorbent for forensic applications in biological samples—a review. Analytical and Bioanalytical Chemistry, 2021, 413, 6013-6036.	3.7	10
143	Development, validation and evaluation of a quantitative method for the analysis of twenty-four new psychoactive substances in oral fluid by LC-MS/MS. Forensic Chemistry, 2020, 19, 100231.	2.8	9
144	Analysis of <i>Erythroxylum coca</i> Leaves by Imaging Mass Spectrometry (MALDI-FT-ICR IMS). Journal of the American Society for Mass Spectrometry, 2021, 32, 946-955.	2.8	9

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