

# Wanderson Romao

## List of Publications by Year in descending order

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217  
papers

4,742  
citations

101543

36  
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161849

54  
g-index

218  
all docs

218  
docs citations

218  
times ranked

4890  
citing authors

#	ARTICLE	IF	CITATIONS
1	Isolation of tetrameric acids from naphthenates deposits and characterization by high-resolution analytical techniques. <i>Fuel</i> , 2022, 308, 122065.	6.4	4
2	Asphaltenes subfractions characterization and calculation of their solubility parameter using ESI(-) FT-ICR MS: Part II. <i>Fuel</i> , 2022, 312, 122864.	6.4	6
3	Nutrient accumulation in fruits and grains of black pepper at different ripening stages. <i>Ciencia Rural</i> , 2022, 52, .	0.5	0
4	Analysis of <i>Gliricidia sepium</i> Leaves by MALDI Mass Spectrometry Imaging. <i>Journal of the American Society for Mass Spectrometry</i> , 2022, 33, 573-583.	2.8	3
5	Characterization of naphthenic acids in crude oil samples – A literature review. <i>Fuel</i> , 2022, 319, 123775.	6.4	18
6	Portable Raman spectroscopy applied to the study of drugs of abuse. <i>Journal of Forensic Sciences</i> , 2022, , .	1.6	4
7	Chronic treatment with juçara ( <i>Euterpe edulis</i> ) fruit pulp produces antihypertensive effect and improve on baroreflex sensitivity in Spontaneous Hypertensive Rats (SHR). <i>Research, Society and Development</i> , 2022, 11, e5711728995.	0.1	1
8	Characterization of Asphalt Aging by Analytical Techniques: A Review on Progress and Perspectives. <i>Energy &amp; Fuels</i> , 2022, 36, 5531-5549.	5.1	6
9	Characterization of crude oils with a portable NIR spectrometer. <i>Microchemical Journal</i> , 2022, 181, 107696.	4.5	12
10	Discrimination of oils and fuels using a portable NIR spectrometer. <i>Fuel</i> , 2021, 283, 118854.	6.4	22
11	Development of a portable electroanalytical method using nickel modified screen-printed carbon electrode for ethinylestradiol determination in organic fertilizers. <i>Ecotoxicology and Environmental Safety</i> , 2021, 208, 111430.	6.0	14
12	Ambient Ionization Mass Spectrometry in Food Metabolomics. , 2021, , 54-76.		0
13	Analysis of <i>Erythroxylum coca</i> Leaves by Imaging Mass Spectrometry (MALDI-FT-ICR IMS). <i>Journal of the American Society for Mass Spectrometry</i> , 2021, 32, 946-955.	2.8	9
14	Bioprospecting of Natural Compounds from Brazilian Cerrado Biome Plants in Human Cervical Cancer Cell Lines. <i>International Journal of Molecular Sciences</i> , 2021, 22, 3383.	4.1	9
15	Comparison of Conventional and Microwave Synthesis of Phenyl-1H-pyrazoles and Phenyl-1H-pyrazoles-4-carboxylic Acid Derivatives. <i>Current Organic Synthesis</i> , 2021, 18, 844-853.	1.3	0
16	Flavonoid derivatives targeting BCR-ABL kinase: Semisynthesis, Molecular dynamic simulations and Enzymatic inhibition.. <i>Current Topics in Medicinal Chemistry</i> , 2021, 21, 1999-2017.	2.1	1
17	Molecularly imprinted polymers as a selective sorbent for forensic applications in biological samples – a review. <i>Analytical and Bioanalytical Chemistry</i> , 2021, 413, 6013-6036.	3.7	10
18	Study of Thermal Aging of Model Compounds Present in Asphalt Cement by GC/MS, ESI-MS, NMR, and FTIR. <i>Energy &amp; Fuels</i> , 2021, 35, 14553-14568.	5.1	4

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19	Use of Paper Microdevices in the Identification and Quantification of Cocaine in Seized Street Samples. Brazilian Journal of Analytical Chemistry, 2021, , .	0.5	2
20	Design experiments to detect and quantify soybean oil in extra virgin olive oil using portable Raman spectroscopy. Vibrational Spectroscopy, 2021, 116, 103294.	2.2	2
21	Use of portable Raman spectroscopy in the quality control of extra virgin olive oil and adulterated compound oils. Vibrational Spectroscopy, 2021, 116, 103299.	2.2	6
22	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
23	Paper spray ionization coupled to Fourier Transform Ion Cyclotron Resonance Mass Spectrometry as a tool to fight the counterfeiting of medicines. International Journal of Mass Spectrometry, 2021, 468, 116649.	1.5	3
24	A review of chemometrics models to predict crude oil properties from nuclear magnetic resonance and infrared spectroscopy. Fuel, 2021, 303, 121283.	6.4	23
25	Comparing the Intermediate Precision in Petroleomics by Ultrahigh-Resolution Mass Spectrometry. Energy & Fuels, 2021, 35, 16465-16481.	5.1	4
26	Corrosion rate studies of AISI 1020 steel using linear, cyclic, and aromatic naphthenic acid standards. Journal of Petroleum Science and Engineering, 2020, 184, 106474.	4.2	7
27	Phenolic and glycidic profiling of bananas Musa sp associated with maturation stage and cancer chemoprevention activities. Microchemical Journal, 2020, 153, 104391.	4.5	8
28	Experimental and ab initio investigation of the products of reaction from $\Delta^9$ -tetrahydrocannabinol ( $\Delta^9$ -THC) and the fast blue BB spot reagent in presumptive drug tests for cannabinoids. Forensic Chemistry, 2020, 17, 100212.	2.8	13
29	FTIR, 1H and 13C NMR data fusion to predict crude oils properties. Fuel, 2020, 263, 116721.	6.4	25
30	Matteucinol, isolated from Miconia chamissois, 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
31	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
32	Quantification and classification of vegetable oils in extra virgin olive oil samples using a portable near-infrared spectrometer associated with chemometrics. Microchemical Journal, 2020, 159, 105544.	4.5	45
33	Quantification of beef, pork, and chicken in ground meat using a portable NIR spectrometer. Vibrational Spectroscopy, 2020, 111, 103158.	2.2	34
34	Variable selection in support vector regression using angular search algorithm and variance inflation factor. Journal of Chemometrics, 2020, 34, e3282.	1.3	14
35	Detection of Pb, Ba, and Sb in Cadaveric Maggots and Pupae by ICP-MS*. Journal of Forensic Sciences, 2020, 65, 2188-2193.	1.6	3
36	Characterization of nonvolatile polar compounds from Brazilian oils by electrospray ionization with FT-ICR MS and Orbitrap-MS. Fuel, 2020, 282, 118790.	6.4	44

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37	Chemical Characterization and Interfacial Activity of Molecules Isolated from Brazilian Oils by Adsorption onto Wet Silica Particles. <i>Energy &amp; Fuels</i> , 2020, 34, 13552-13565.	5.1	7
38	SAP fractions from light, medium and heavy oils: Correlation between chemical profile and stationary phases. <i>Fuel</i> , 2020, 274, 117866.	6.4	5
39	Quantification of milk adulterants (starch, H <sub>2</sub> O <sub>2</sub> , and NaClO) using colorimetric assays coupled to smartphone image analysis. <i>Microchemical Journal</i> , 2020, 156, 104968.	4.5	28
40	DropMS: Petroleomics Data Treatment Based in Web Server for High-Resolution Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2020, 31, 1483-1490.	2.8	13
41	Estimating the intermediate precision in petroleum analysis by (±)electrospray ionization Fourier transform ion cyclotron resonance mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8861.	1.5	8
42	Exploring the chemical profile of designer drugs by ESI(+) and PSI(+) mass spectrometry—An approach on the fragmentation mechanisms and chemometric analysis. <i>Journal of Mass Spectrometry</i> , 2020, 55, e4596.	1.6	6
43	Development, validation and evaluation of a quantitative method for the analysis of twenty-four new psychoactive substances in oral fluid by LC–MS/MS. <i>Forensic Chemistry</i> , 2020, 19, 100231.	2.8	9
44	Plectranthus barbatus Andrews as anti-Helicobacter pylori agent with activity against adenocarcinoma gastric cells. <i>Industrial Crops and Products</i> , 2020, 146, 112207.	5.2	15
45	Fiber spray ionization mass spectrometry in forensic chemistry: A screening of drugs of abuse and direct determination of cocaine in urine. <i>Rapid Communications in Mass Spectrometry</i> , 2020, 34, e8747.	1.5	14
46	Preparation of a Nitrogen Oil Compound Fraction by Modified Gel Silica Column Chromatography. <i>Energy &amp; Fuels</i> , 2020, 34, 5652-5664.	5.1	3
47	Study of the Influence of Resins on the Asphaltene Aggregates by <sup>1</sup> H DOSY NMR. <i>Energy &amp; Fuels</i> , 2020, 34, 5679-5688.	5.1	14
48	Unequivocal structural assignments of three cardanol derivatives: An experimental and theoretical approach. <i>Journal of Molecular Structure</i> , 2019, 1175, 357-366.	3.6	3
49	Identification of petroleum profiles by infrared spectroscopy and chemometrics. <i>Fuel</i> , 2019, 254, 115670.	6.4	14
50	Annona coriacea Mart. Fractions Promote Cell Cycle Arrest and Inhibit Autophagic Flux in Human Cervical Cancer Cell Lines. <i>Molecules</i> , 2019, 24, 3963.	3.8	11
51	Characterization of organosulfur compounds in asphalt cement samples by ESI(+)FT-ICR MS and <sup>13</sup> C NMR spectroscopy. <i>Fuel</i> , 2019, 256, 115923.	6.4	25
52	Fourier transform mass spectrometry applied to Forensic Chemistry. , 2019, , 469-508.		1
53	Paper spray ionization and portable mass spectrometers: a review. <i>Analytical Methods</i> , 2019, 11, 999-1013.	2.7	53
54	Controlling the quality of grape juice adulterated by apple juice using ESI(-)FT-ICR mass spectrometry. <i>Microchemical Journal</i> , 2019, 149, 104033.	4.5	4

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55	Designer drugs analysis by LDI(+), MALDI(+) and MALDI(+) imaging coupled to FT-ICR MS. <i>Microchemical Journal</i> , 2019, 149, 104002.	4.5	3
56	The use of conductive polymers as a substrate for paper spray ionization mass spectrometry. <i>Analytical Methods</i> , 2019, 11, 3388-3400.	2.7	7
57	Simple Niobium Catalysts Applied in Reflux and Ultrasound-Assisted Systems for Biofuel Synthesis. <i>Journal of the Brazilian Chemical Society</i> , 2019, , .	0.6	1
58	Study of chemical profile and of lines crossing using blue and black ink pens by LDI (+) MS and LDI (+) imaging. <i>Microchemical Journal</i> , 2019, 148, 220-229.	4.5	11
59	Determination of physicochemical properties of petroleum using <sup>1</sup> H NMR spectroscopy combined with multivariate calibration. <i>Fuel</i> , 2019, 253, 320-326.	6.4	15
60	Quantification of capsaicinoids from chili peppers using <sup>1</sup> H NMR without deuterated solvent. <i>Analytical Methods</i> , 2019, 11, 1939-1950.	2.7	8
61	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
62	NBOMe compounds: An overview about analytical methodologies aiming their determination in biological matrices. <i>TrAC - Trends in Analytical Chemistry</i> , 2019, 114, 260-277.	11.4	14
63	Effects of Waterflooding and MEOR Recovery Techniques on the Polar Composition of Petroleum Assessed by ESI (+) FT-ICR MS. , 2019, , .		0
64	Hexane partition from <i>Annona crassiflora</i> Mart. promotes cytotoxicity and apoptosis on human cervical cancer cell lines. <i>Investigational New Drugs</i> , 2019, 37, 602-615.	2.6	13
65	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
66	Determination of physicochemical properties of biodiesel and blends using low-field NMR and multivariate calibration. <i>Fuel</i> , 2019, 237, 745-752.	6.4	21
67	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
68	Kraft lignin and polyethylene terephthalate blends: effect on thermal and mechanical properties. <i>Polimeros</i> , 2019, 29, .	0.7	5
69	Paper Spray Ionization Mass Spectrometry in Forensic Chemistry. <i>RSC Detection Science</i> , 2019, , 198-243.	0.0	0
70	Identification of phenolic compounds in <i>Eugenia uniflora</i> leaves by FTICR MS in association with different ionization sources. <i>Analytical Methods</i> , 2018, 10, 1647-1655.	2.7	12
71	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
72	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

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73	Evaluating the effect of ion source gas (N <sub>2</sub> , He, and synthetic air) on the ionization of hydrocarbon, condensed aromatic standards, and paraffin fractions by APCI(+)-FT-ICR MS. <i>Fuel</i> , 2018, 225, 632-645.	6.4	11
74	Banknote analysis by portable near infrared spectroscopy. <i>Forensic Chemistry</i> , 2018, 8, 57-63.	2.8	18
75	Quantification of cocaine and its adulterants by nuclear magnetic resonance spectroscopy without deuterated solvents (No-D qNMR). <i>Analytical Methods</i> , 2018, 10, 1685-1694.	2.7	12
76	Characterization of Naphthenic Acids in Thermally Degraded Petroleum by ESI(̂)-FT-ICR MS and <sup>1</sup> H NMR after Solid-Phase Extraction and Liquid/Liquid Extraction. <i>Energy &amp; Fuels</i> , 2018, 32, 2878-2888.	5.1	40
77	Portable near infrared spectroscopy applied to abuse drugs and medicine analyses. <i>Analytical Methods</i> , 2018, 10, 593-603.	2.7	40
78	Cover Image, Volume 98, Issue 3. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, i-i.	3.5	0
79	Chemical profile of pineapple cv. Vitória in different maturation stages using electrospray ionization mass spectrometry. <i>Journal of the Science of Food and Agriculture</i> , 2018, 98, 1105-1116.	3.5	20
80	Asphaltenes subfractions extracted from Brazilian vacuum residue: Chemical characterization and stabilization of model water-in-oil (W/O) emulsions. <i>Journal of Petroleum Science and Engineering</i> , 2018, 160, 1-11.	4.2	19
81	Analytical advanced techniques in the molecular-level characterization of Brazilian crude oils. <i>Microchemical Journal</i> , 2018, 137, 111-118.	4.5	30
82	Portable near infrared spectroscopy applied to fuel quality control. <i>Talanta</i> , 2018, 176, 26-33.	5.5	44
83	Portable near infrared spectroscopy applied to quality control of Brazilian coffee. <i>Talanta</i> , 2018, 176, 59-68.	5.5	110
84	Fungicides in red wines produced in South America. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , 2018, 35, 2135-2144.	2.3	12
85	Study of the Corrosive Behavior of the AISI 1020 Steel in Acid Crude Oil by Microscopic Techniques (LM, AFM and SEM/EDX) and Raman Spectroscopy. <i>Journal of the Brazilian Chemical Society</i> , 2018, , .	0.6	1
86	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
87	<i>Bauhinia variegata</i> candida Fraction Induces Tumor Cell Death by Activation of Caspase-3, RIP, and TNF-R1 and Inhibits Cell Migration and Invasion In Vitro. <i>BioMed Research International</i> , 2018, 2018, 1-10.	1.9	11
88	Extraction and isolation of cannabinoids from marijuana seizures and characterization by <sup>1</sup> H NMR allied to chemometric tools. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2018, 58, 355-365.	2.1	22
89	Induction of NAD(P)H: Quinone reductase 1 (QR1) and antioxidant activities in vitro of Toranja Burarama™ ( <i>Citrus maxima</i> [Burm.] Merr.). <i>Phytotherapy Research</i> , 2018, 32, 2059-2068.	5.8	4
90	TiO <sub>2</sub> @C Nanostructured Electrodes for the Anodic Removal of Cocaine. <i>Electroanalysis</i> , 2018, 30, 2094-2098.	2.9	2

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91	Paper Spray Tandem Mass Spectrometry Based on Molecularly Imprinted Polymer Substrate for Cocaine Analysis in Oral Fluid. <i>Journal of the American Society for Mass Spectrometry</i> , 2018, 29, 566-572.	2.8	52
92	<i>Coriandrum sativum</i> grown under organic or chemical fertilizer effectively prevents DNA damage: Preliminary phytochemical screening, flavonoid content, ESI (-) FT-ICR MS, in vitro antioxidant and in vivo (mice bone marrow) antimutagenic activity against cyclophosphamide. <i>Asian Pacific Journal of Tropical Biomedicine</i> , 2018, 8, 292.	1.2	4
93	Identification of $\delta^9$ -Tetrahydrocannabinol ( $\delta^9$ -THC) in Cannabis seeds by Electrospray Ionization Fourier Transform Ion Cyclotron Resonance Mass Spectrometry (ESI(-)FT-ICR MS). <i>Orbital</i> , 2018, 10, .	0.3	2
94	Chemical Composition and Antihypertensive Effect of <i>Phoenix roebelenii</i> Using Angiotensin Converting Enzyme inhibition invitro and in vivo. <i>Records of Natural Products</i> , 2018, 13, 85-90.	1.3	0
95	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. <i>Journal of Pharmacy and Pharmacology</i> , 2017, 69, 714-721.	2.4	19
96	Study of degradation of acid crude oil by high resolution analytical techniques. <i>Journal of Petroleum Science and Engineering</i> , 2017, 154, 194-203.	4.2	23
97	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
98	Quantification of cocaine and its adulterants (lidocaine and levamisole) using the Dragendorff reagent allied to paper spray ionization mass spectrometry. <i>Analytical Methods</i> , 2017, 9, 3662-3668.	2.7	18
99	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 &amp; Fuels</i> , 2017, 31, 3454-3464.	5.1	15
100	Gastroprotective activity of the resin from <i>Viola oleifera</i> . <i>Pharmaceutical Biology</i> , 2017, 55, 472-480.	2.9	18
101	Revealing the chemical characterization of asphaltene fractions produced by N-methylpyrrolidone using FTIR, molecular fluorescence, <sup>1</sup> H NMR, and ESI(±)FT-ICR MS. <i>Fuel</i> , 2017, 210, 514-526.	6.4	31
102	Fractionation of asphaltenes in n-hexane and on adsorption onto CaCO <sub>3</sub> and characterization by ESI(+)FT-ICR MS: Part I. <i>Fuel</i> , 2017, 210, 790-802.	6.4	33
103	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
104	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
105	Isomeric separation of cannabinoids by UPLC combined with ionic mobility mass spectrometry (TWIM-MS) – Part I. <i>International Journal of Mass Spectrometry</i> , 2017, 418, 112-121.	1.5	22
106	ANTIMICROBIAL ACTIVITY OF <i>COPAIFERA</i> SPP. AGAINST BACTERIA ISOLATED FROM MILK OF COWS WITH MASTITIS. <i>Ciencia Animal Brasileira</i> , 2017, 18, .	0.3	6
107	Antiproliferative activity of extracts of <i>Euphorbia tirucalli</i> L (Euphorbiaceae) from three regions of Brazil. <i>Tropical Journal of Pharmaceutical Research</i> , 2017, 16, 1013.	0.3	6
108	Isolation and Structural Characterization of Two New Furanoditerpenes from <i>Pterodon emarginatus</i> (Fabaceae). <i>Journal of the Brazilian Chemical Society</i> , 2017, , .	0.6	3



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109	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
110	Improvement on Pour Point of Heavy Oils by Adding Organic Solvents. <i>Revista Virtual De Quimica</i> , 2017, 9, 2404-2413.	0.4	2
111	Synthesis, in vitro Antifungal Activity and Molecular Modeling Studies of New Mannich Bases Derived from Lawsone. <i>Journal of the Brazilian Chemical Society</i> , 2016, , .	0.6	0
112	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
113	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
114	Brown seaweed <i>Padina gymnospora</i> is a prominent natural wound-care product. <i>Revista Brasileira De Farmacognosia</i> , 2016, 26, 714-719.	1.4	21
115	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
116	Chemical profiles of Robusta and Arabica coffee by ESI(+)FT-ICR MS and ATR-FTIR: a quantitative approach. <i>Analytical Methods</i> , 2016, 8, 7678-7688.	2.7	22
117	Direct quantitative analysis of cocaine by thin layer chromatography plus a mobile phone and multivariate calibration: a cost-effective and rapid method. <i>Analytical Methods</i> , 2016, 8, 7632-7637.	2.7	18
118	Chemical characterization of synthetic cannabinoids by electrospray ionization FT-ICR mass spectrometry. <i>Forensic Science International</i> , 2016, 266, 474-487.	2.2	14
119	The role of intermolecular interactions in polyaniline/polyamide-6,6 pressure-sensitive blends studied by DFT and <sup>1</sup> H NMR. <i>European Polymer Journal</i> , 2016, 85, 588-604.	5.4	18
120	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
121	Mass Spectrometry for Metabolomics and Biomass Composition Analyses. , 2016, , 115-141.		2
122	<i>Dendranthema grandiflorum</i> , a hybrid ornamental plant, is a source of larvicidal compounds against <i>Aedes aegypti</i> larvae. <i>Revista Brasileira De Farmacognosia</i> , 2016, 26, 342-346.	1.4	10
123	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 &amp; Fuels</i> , 2016, 30, 5439-5448.	5.1	37
124	Documentoscopy by atomic force microscopy (AFM) coupled with Raman microspectroscopy: applications in banknote and driver license analyses. <i>Analytical Methods</i> , 2016, 8, 771-784.	2.7	14
125	A new insert sample approach to paper spray mass spectrometry: a paper substrate with paraffin barriers. <i>Analyst</i> , The, 2016, 141, 1707-1713.	3.5	57
126	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



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127	Determination of Saturates, Aromatics, and Polars in Crude Oil by <sup>13</sup> C NMR and Support Vector Regression with Variable Selection by Genetic Algorithm. Energy & Fuels, 2016, 30, 1972-1978.	5.1	43
128	Chemical profile of mango ( <i>Mangifera indica</i> L.) using electrospray ionisation mass spectrometry (ESI-MS). Food Chemistry, 2016, 204, 37-45.	8.2	60
129	Thin layer chromatography coupled to paper spray ionization mass spectrometry for cocaine and its adulterants analysis. Forensic Science International, 2016, 262, 56-65.	2.2	34
130	Qualitative analysis of designer drugs by paper spray ionisation mass spectrometry (PSI-MS). Analytical Methods, 2016, 8, 614-620.	2.7	38
131	Characterization of thermal and catalytic pyrolysis bio-oils by high-resolution techniques: 1 H NMR, GC-TOFMS and FT-ICR MS. Journal of Analytical and Applied Pyrolysis, 2016, 117, 257-267.	5.5	80
132	Evaluation of acute toxicity of europium-organic complex applied as a luminescent marker for the visual identification of gunshot residue. Microchemical Journal, 2016, 124, 195-200.	4.5	17
133	Petroleomics by Direct Analysis in Real Time-Mass Spectrometry. Journal of the American Society for Mass Spectrometry, 2016, 27, 182-185.	2.8	25
134	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
135	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
136	Detection of Pb, Ba, and Sb in Blowfly Larvae of Porcine Tissue Contaminated with Gunshot Residue by ICP OES. Journal of Chemistry, 2015, 2015, 1-6.	1.9	4
137	Catalytic decarboxylation of naphthenic acids in crude oils. Fuel, 2015, 158, 113-121.	6.4	37
138	Chemical identification of cannabinoids in street marijuana samples using electrospray ionization FT-ICR mass spectrometry. Analytical Methods, 2015, 7, 1415-1424.	2.7	32
139	Multivariate optimisation of ICP OES instrumental parameters for Pb/Ba/Sb measurement in gunshot residues. Microchemical Journal, 2015, 120, 58-63.	4.5	28
140	Laser desorption ionization FT-ICR mass spectrometry and CARSPLS for predicting basic nitrogen and aromatics contents in crude oils. Fuel, 2015, 160, 274-281.	6.4	30
141	Improving the physicochemical properties of Brazilian onshore and offshore crude oils using the production of blends. Fuel, 2015, 159, 607-613.	6.4	6
142	Identification of maloyl glucans from <i>Euphorbia tirucalli</i> by ESI-( $\tilde{m}$ )-FT-ICR MS analyses. Phytochemistry Letters, 2015, 12, 209-214.	1.2	8
143	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. Colloids and Interface Science Communications, 2015, 4, 14-18.	4.1	15
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