

Wanderson Romao

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.

190
papers

3,572
citations

31
h-index

49
g-index

218
ext. papers

4,163
ext. citations

3.7
avg, IF

5.3
L-index

#	Paper	IF	Citations
190	Asphaltenes subfractions characterization and calculation of their solubility parameter using ESI(-) FT-ICR MS: Part II. <i>Fuel</i> , 2022 , 312, 122864	7.1	3
189	Isolation of tetrameric acids from naphthenates deposits and characterization by high-resolution analytical techniques. <i>Fuel</i> , 2022 , 308, 122065	7.1	2
188	Characterization of naphthenic acids in crude oil samples [A literature review]. <i>Fuel</i> , 2022 , 319, 123775	7.1	3
187	Portable Raman spectroscopy applied to the study of drugs of abuse.. <i>Journal of Forensic Sciences</i> , 2022 ,	1.8	1
186	Characterization of Asphalt Aging by Analytical Techniques: A Review on Progress and Perspectives. <i>Energy & Fuels</i> , 2022 , 36, 5531-5549	4.1	0
185	Comparing the Intermediate Precision in Petroleomics by Ultrahigh-Resolution Mass Spectrometry. <i>Energy & Fuels</i> , 2021 , 35, 16465-16481	4.1	0
184	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	1.9	
183	Discrimination of oils and fuels using a portable NIR spectrometer. <i>Fuel</i> , 2021 , 283, 118854	7.1	8
182	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	7	7
181	Ambient Ionization Mass Spectrometry in Food Metabolomics 2021 , 54-76		
180	Analysis of Leaves by Imaging Mass Spectrometry (MALDI-FT-ICR IMS). <i>Journal of the American Society for Mass Spectrometry</i> , 2021 , 32, 946-955	3.5	2
179	Flavonoid Derivatives Targeting BCR-ABL Kinase: Semisynthesis, Molecular Dynamic Simulations and Enzymatic Inhibition. <i>Current Topics in Medicinal Chemistry</i> , 2021 , 21, 1999-2017	3	1
178	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	4.4	2
177	Study of Thermal Aging of Model Compounds Present in Asphalt Cement by GC/MS, ESI-MS, NMR, and FTIR. <i>Energy & Fuels</i> , 2021 , 35, 14553-14568	4.1	1
176	Design experiments to detect and quantify soybean oil in extra virgin olive oil using portable Raman spectroscopy. <i>Vibrational Spectroscopy</i> , 2021 , 116, 103294	2.1	1
175	Use of portable Raman spectroscopy in the quality control of extra virgin olive oil and adulterated compound oils. <i>Vibrational Spectroscopy</i> , 2021 , 116, 103299	2.1	3
174	Portable electronic tongue based on screen-printed electrodes coupled with chemometrics for rapid differentiation of Brazilian lager beer. <i>Food Control</i> , 2021 , 127, 108163	6.2	6

173	Paper spray ionization coupled to Fourier Transform Ion Cyclotron Resonance Mass Spectrometry as a tool to fight the counterfeiting of medicines. <i>International Journal of Mass Spectrometry</i> , 2021 , 468, 116649	1.9	3
172	A review of chemometrics models to predict crude oil properties from nuclear magnetic resonance and infrared spectroscopy. <i>Fuel</i> , 2021 , 303, 121283	7.1	7
171	Chemical Characterization and Interfacial Activity of Molecules Isolated from Brazilian Oils by Adsorption onto Wet Silica Particles. <i>Energy & Fuels</i> , 2020 , 34, 13552-13565	4.1	3
170	SAP fractions from light, medium and heavy oils: Correlation between chemical profile and stationary phases. <i>Fuel</i> , 2020 , 274, 117866	7.1	3
169	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	4.8	15
168	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	3.5	6
167	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 Suppl 3, e8861	2.2	6
166	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	2.2	3
165	Development, validation and evaluation of a quantitative method for the analysis of twenty-four new psychoactive substances in oral fluid by LCMS/MS. <i>Forensic Chemistry</i> , 2020 , 19, 100231	2.8	6
164	Plectranthus barbatus Andrews as anti-Helicobacter pylori agent with activity against adenocarcinoma gastric cells. <i>Industrial Crops and Products</i> , 2020 , 146, 112207	5.9	5
163	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 Suppl 3, e8747	2.2	5
162	Preparation of a Nitrogen Oil Compound Fraction by Modified Gel Silica Column Chromatography. <i>Energy & Fuels</i> , 2020 , 34, 5652-5664	4.1	
161	Study of the Influence of Resins on the Asphaltene Aggregates by 1H DOSY NMR. <i>Energy & Fuels</i> , 2020 , 34, 5679-5688	4.1	8
160	Phenolic and glycidic profiling of bananas Musa sp associated with maturation stage and cancer chemoprevention activities. <i>Microchemical Journal</i> , 2020 , 153, 104391	4.8	4
159	Experimental and ab initio investigation of the products of reaction from Δ^9 -tetrahydrocannabinol (Δ^9 -THC) and the fast blue BB spot reagent in presumptive drug tests for cannabinoids. <i>Forensic Chemistry</i> , 2020 , 17, 100212	2.8	1
158	FTIR, 1H and 13C NMR data fusion to predict crude oils properties. <i>Fuel</i> , 2020 , 263, 116721	7.1	16
157	Matteucinol, isolated from Miconia chamissois, induces apoptosis in human glioblastoma lines via the intrinsic pathway and inhibits angiogenesis and tumor growth in vivo. <i>Investigational New Drugs</i> , 2020 , 38, 1044-1055	4.3	4
156	Analysis of Robusta coffee cultivated in agroforestry systems (AFS) by ESI-FT-ICR MS and portable NIR associated with sensory analysis. <i>Journal of Food Composition and Analysis</i> , 2020 , 94, 103637	4.1	2

155	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	4.8	22
154	Quantification of beef, pork, and chicken in ground meat using a portable NIR spectrometer. <i>Vibrational Spectroscopy</i> , 2020 , 111, 103158	2.1	12
153	Variable selection in support vector regression using angular search algorithm and variance inflation factor. <i>Journal of Chemometrics</i> , 2020 , 34, e3282	1.6	6
152	Detection of Pb, Ba, and Sb in Cadaveric Maggots and Pupae by ICP-MS. <i>Journal of Forensic Sciences</i> , 2020 , 65, 2188-2193	1.8	0
151	Characterization of nonvolatile polar compounds from Brazilian oils by electrospray ionization with FT-ICR MS and Orbitrap-MS. <i>Fuel</i> , 2020 , 282, 118790	7.1	19
150	Corrosion rate studies of AISI 1020 steel using linear, cyclic, and aromatic naphthenic acid standards. <i>Journal of Petroleum Science and Engineering</i> , 2020 , 184, 106474	4.4	5
149	Characterization of organosulfur compounds in asphalt cement samples by ESI(+)FT-ICR MS and ¹³ C NMR spectroscopy. <i>Fuel</i> , 2019 , 256, 115923	7.1	19
148	Fourier transform mass spectrometry applied to Forensic Chemistry 2019 , 469-508		1
147	Paper spray ionization and portable mass spectrometers: a review. <i>Analytical Methods</i> , 2019 , 11, 999-1013	3.2	42
146	Controlling the quality of grape juice adulterated by apple juice using ESI(-)FT-ICR mass spectrometry. <i>Microchemical Journal</i> , 2019 , 149, 104033	4.8	2
145	Designer drugs analysis by LDI(+), MALDI(+) and MALDI(+) imaging coupled to FT-ICR MS. <i>Microchemical Journal</i> , 2019 , 149, 104002	4.8	2
144	The use of conductive polymers as a substrate for paper spray ionization mass spectrometry. <i>Analytical Methods</i> , 2019 , 11, 3388-3400	3.2	6
143	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	4.8	4
142	Determination of physicochemical properties of petroleum using ¹ H NMR spectroscopy combined with multivariate calibration. <i>Fuel</i> , 2019 , 253, 320-326	7.1	10
141	Quantification of capsaicinoids from chili peppers using ¹ H NMR without deuterated solvent. <i>Analytical Methods</i> , 2019 , 11, 1939-1950	3.2	6
140	LDI and MALDI-FT-ICR imaging MS in Cannabis leaves: optimization and study of spatial distribution of cannabinoids. <i>Analytical Methods</i> , 2019 , 11, 1757-1764	3.2	6
139	NBOMe compounds: An overview about analytical methodologies aiming their determination in biological matrices. <i>TrAC - Trends in Analytical Chemistry</i> , 2019 , 114, 260-277	14.6	9
138	Unequivocal structural assignments of three cardanol derivatives: An experimental and theoretical approach. <i>Journal of Molecular Structure</i> , 2019 , 1175, 357-366	3.4	2

137	Identification of petroleum profiles by infrared spectroscopy and chemometrics. <i>Fuel</i> , 2019 , 254, 115670-115677.	7.1	7
136	Mart. Fractions Promote Cell Cycle Arrest and Inhibit Autophagic Flux in Human Cervical Cancer Cell Lines. <i>Molecules</i> , 2019 , 24,	4.8	4
135	Kraft lignin and polyethylene terephthalate blends: effect on thermal and mechanical properties. <i>Polimeros</i> , 2019 , 29,	1.6	3
134	CHAPTER 9:Paper Spray Ionization Mass Spectrometry in Forensic Chemistry. <i>RSC Detection Science</i> , 2019 , 198-243	0.4	
133	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	4.3	9
132	Phytochemical profile of genotypes of <i>Euterpe edulis</i> Martius - Juçara palm fruits. <i>Food Research International</i> , 2019 , 116, 985-993	7	9
131	Determination of physicochemical properties of biodiesel and blends using low-field NMR and multivariate calibration. <i>Fuel</i> , 2019 , 237, 745-752	7.1	14
130	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	4.4	8
129	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	3.2	7
128	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	3.2	22
127	Determination of crude oil physicochemical properties by high-temperature gas chromatography associated with multivariate calibration. <i>Fuel</i> , 2018 , 220, 389-395	7.1	13
126	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. <i>Fuel</i> , 2018 , 225, 632-645	7.1	6
125	Banknote analysis by portable near infrared spectroscopy. <i>Forensic Chemistry</i> , 2018 , 8, 57-63	2.8	14
124	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	3.2	10
123	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	4.1	24
122	Portable near infrared spectroscopy applied to abuse drugs and medicine analyses. <i>Analytical Methods</i> , 2018 , 10, 593-603	3.2	23
121	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	4.3	13
120	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	4.4	12

119	Analytical advanced techniques in the molecular-level characterization of Brazilian crude oils. <i>Microchemical Journal</i> , 2018 , 137, 111-118	4.8	21
118	Induction of NAD (P)H: Quinone reductase 1 (QR1) and antioxidant activities in vitro of Toranja Burarama (Citrus maxima [Burm.] Merr.). <i>Phytotherapy Research</i> , 2018 , 32, 2059-2068	6.7	3
117	TiO ₂ @C Nanostructured Electrodes for the Anodic Removal of Cocaine. <i>Electroanalysis</i> , 2018 , 30, 2094-2098	2	
116	Coriandrum sativum grown under organic or chemical fertilizer effectively prevents DNA damage: Preliminary phytochemical screening, flavonoid content, ESI (-) FTICR 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	1.4	2
115	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	3.5	42
114	Portable near infrared spectroscopy applied to fuel quality control. <i>Talanta</i> , 2018 , 176, 26-33	6.2	26
113	Portable near infrared spectroscopy applied to quality control of Brazilian coffee. <i>Talanta</i> , 2018 , 176, 59-68	6.2	74
112	Analysis of Isomeric Cannabinoid Standards and Cannabis Products by UPLC-ESI-TWIM-MS: a Comparison with GC-MS and GC-ITC-QMS. <i>Journal of the Brazilian Chemical Society</i> , 2018 ,	1.5	6
111	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	3.2	8
110	Coupling trapped ion mobility spectrometry to mass spectrometry: trapped ion mobility spectrometry-time-of-flight mass spectrometry versus trapped ion mobility spectrometry-Fourier transform ion cyclotron resonance mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , 2018 , 32, 1287-1295	2.2	27
109	Fraction Induces Tumor Cell Death by Activation of Caspase-3, RIP, and TNF-R1 and Inhibits Cell Migration and Invasion. <i>BioMed Research International</i> , 2018 , 2018, 4702481	3	6
108	Extraction and isolation of cannabinoids from marijuana seizures and characterization by H NMR allied to chemometric tools. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2018 , 58, 355-365	2	15
107	Cytotoxic analysis and chemical characterization of fractions of the hydroalcoholic extract of the Euterpe oleracea Mart. seed in the MCF-7 cell line. <i>Journal of Pharmacy and Pharmacology</i> , 2017 , 69, 714-721	4.8	11
106	Study of degradation of acid crude oil by high resolution analytical techniques. <i>Journal of Petroleum Science and Engineering</i> , 2017 , 154, 194-203	4.4	16
105	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	1.9	22
104	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	3.2	17
103	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	4.1	13
102	Gastroprotective activity of the resin from Virola oleifera. <i>Pharmaceutical Biology</i> , 2017 , 55, 472-480	3.8	10

101	Revealing the chemical characterization of asphaltene fractions produced by N-methylpyrrolidone using FTIR, molecular fluorescence, ¹ H NMR, and ESI(-)FT-ICR MS. <i>Fuel</i> , 2017 , 210, 514-526	7.1	27
100	Fractionation of asphaltene 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	7.1	24
99	ANTIMICROBIAL ACTIVITY OF COPAIFERA SPP. AGAINST BACTERIA ISOLATED FROM MILK OF COWS WITH MASTITIS. <i>Ciencia Animal Brasileira</i> , 2017 , 18,	0.8	4
98	Synthesis, Antibacterial and Antitubercular Evaluation of Cardanol and Glycerol-Based β -Amino Alcohol Derivatives. <i>Journal of the Brazilian Chemical Society</i> , 2017 ,	1.5	3
97	Prediction of Total Acid Number in Distillation Cuts of Crude Oil by ESI(+)FT-ICR MS Coupled with Chemometric Tools. <i>Journal of the Brazilian Chemical Society</i> , 2017 ,	1.5	7
96	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	0.8	3
95	Isolation and Structural Characterization of Two New Furanoditerpenes from <i>Pterodon emarginatus</i> (Fabaceae). <i>Journal of the Brazilian Chemical Society</i> , 2017 ,	1.5	2
94	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	3.5	19
93	Paper spray ionization mass spectrometry applied to forensic chemistry [drugs of abuse, inks and questioned documents. <i>Analytical Methods</i> , 2017 , 9, 4400-4409	3.2	35
92	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	1.9	16
91	Improvement on Pour Point of Heavy Oils by Adding Organic Solvents. <i>Revista Virtual De Quimica</i> , 2017 , 9, 2404-2413	1.3	2
90	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	3.2	13
89	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	4.8	13
88	Petroleomics by Direct Analysis in Real Time-Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , 2016 , 27, 182-5	3.5	22
87	The role of intermolecular interactions in polyaniline/polyamide-6,6 pressure-sensitive blends studied by DFT and ¹ H NMR. <i>European Polymer Journal</i> , 2016 , 85, 588-604	5.2	14
86	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	4.8	26
85	Mass Spectrometry for Metabolomics and Biomass Composition Analyses 2016 , 115-141		2
84	<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	2	8

83	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	4.1	30
82	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	3.2	10
81	A new insert sample approach to paper spray mass spectrometry: a paper substrate with paraffin barriers. <i>Analyst, The</i> , 2016 , 141, 1707-13	5	49
80	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	4.4	21
79	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	4.1	35
78	Chemical profile of mango (<i>Mangifera indica</i> L.) using electrospray ionisation mass spectrometry (ESI-MS). <i>Food Chemistry</i> , 2016 , 204, 37-45	8.5	49
77	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	2.6	29
76	Qualitative analysis of designer drugs by paper spray ionisation mass spectrometry (PSI-MS). <i>Analytical Methods</i> , 2016 , 8, 614-620	3.2	35
75	Characterization of thermal and catalytic pyrolysis bio-oils by high-resolution techniques: ¹ H NMR, GC-TOFMS and FT-ICR MS. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016 , 117, 257-267	6	65
74	Differentiation of Toxic and Non-Toxic Leaves of <i>Jatropha curcas</i> L. Genotypes by Leaf Spray Mass Spectrometry. <i>Journal of the Brazilian Chemical Society</i> , 2016 ,	1.5	2
73	Identification of Alkaloids from <i>Hippeastrum aulicum</i> (Ker Gawl.) Herb. (Amaryllidaceae) Using CGC-MS and Ambient Ionization Mass Spectrometry (PS-MS and LS-MS). <i>Journal of the Brazilian Chemical Society</i> , 2016 ,	1.5	5
72	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	3.2	26
71	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, 73-9	2	24
70	Brown seaweed <i>Padina gymnospora</i> is a prominent natural wound-care product. <i>Revista Brasileira De Farmacognosia</i> , 2016 , 26, 714-719	2	15
69	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	23
68	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	3.2	17
67	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	3.2	13
66	Chemical characterization of synthetic cannabinoids by electrospray ionization FT-ICR mass spectrometry. <i>Forensic Science International</i> , 2016 , 266, 474-487	2.6	12

65	Multivariate optimisation of ICP OES instrumental parameters for Pb/Ba/Sb measurement in gunshot residues. <i>Microchemical Journal</i> , 2015 , 120, 58-63	4.8	25
64	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	7.1	23
63	Improving the physicochemical properties of Brazilian onshore and offshore crude oils using the production of blends. <i>Fuel</i> , 2015 , 159, 607-613	7.1	6
62	Identification of maloyl glucans from <i>Euphorbia tirucalli</i> by ESI-FT-ICR MS analyses. <i>Phytochemistry Letters</i> , 2015 , 12, 209-214	1.9	7
61	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	5.4	8
60	Phytochemical and in vitro and in vivo biological investigation on the antihypertensive activity of mango leaves (<i>Mangifera indica</i> L.). <i>Therapeutic Advances in Cardiovascular Disease</i> , 2015 , 9, 244-56	3.4	20
59	Analyzes of hydrocarbons by atmosphere pressure chemical ionization FT-ICR mass spectrometry using isooctane as ionizing reagent. <i>Fuel</i> , 2015 , 153, 346-354	7.1	35
58	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	4.8	11
57	Biocontrol potential of <i>Waitea circinata</i> , an orchid mycorrhizal fungus, against the rice blast fungus. <i>Tropical Plant Pathology</i> , 2015 , 40, 151-159	2.5	5
56	Monitoring the physicochemical degradation of coconut water using ESI-FT-ICR MS. <i>Food Chemistry</i> , 2015 , 174, 139-46	8.5	32
55	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	7.1	33
54	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	7.1	34
53	No-deuterium proton NMR (No-D NMR): A simple, fast and powerful method for analyses of illegal drugs. <i>Microchemical Journal</i> , 2015 , 118, 12-18	4.8	7
52	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	4.8	23
51	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. <i>Phytotherapy Research</i> , 2015 , 29, 864-9	6.7	7
50	Synthesis, Antitumor Activity and Docking of 2,3-(Substituted)-1,4-Naphthoquinone Derivatives Containing Nitrogen, Oxygen and Sulfur. <i>Journal of the Brazilian Chemical Society</i> , 2015 ,	1.5	11
49	Detection of Pb, Ba, and Sb in Blowfly Larvae of Porcine Tissue Contaminated with Gunshot Residue by ICP OES. <i>Journal of Chemistry</i> , 2015 , 2015, 1-6	2.3	1
48	Catalytic decarboxylation of naphthenic acids in crude oils. <i>Fuel</i> , 2015 , 158, 113-121	7.1	31

47	Chemical identification of cannabinoids in street marijuana samples using electrospray ionization FT-ICR mass spectrometry. <i>Analytical Methods</i> , 2015 , 7, 1415-1424	3.2	28
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41	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, 4908-16	5	42
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