

# Wanderson Romao

## List of Publications by Citations

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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	Ambient mass spectrometry: bringing MS into the "real world". <i>Analytical and Bioanalytical Chemistry</i> , <b>2010</b> , 398, 265-94	4.4	278
189	Venturi easy ambient sonic-spray ionization. <i>Analytical Chemistry</i> , <b>2011</b> , 83, 1375-80	7.8	114
188	Monitoring the liquid/liquid extraction of naphthenic acids in Brazilian crude oil using electrospray ionization FT-ICR mass spectrometry (ESI FT-ICR MS). <i>Fuel</i> , <b>2013</b> , 108, 647-655	7.1	89
187	Instantaneous chemical profiles of banknotes by ambient mass spectrometry. <i>Analyst, The</i> , <b>2010</b> , 135, 2533-9	5	79
186	Portable near infrared spectroscopy applied to quality control of Brazilian coffee. <i>Talanta</i> , <b>2018</b> , 176, 59-68	6.2	74
185	Characterization of polar compounds in a true boiling point distillation system using electrospray ionization FT-ICR mass spectrometry. <i>Fuel</i> , <b>2014</b> , 115, 190-202	7.1	68
184	An evaluation of the aromaticity of asphaltenes using atmospheric pressure photoionization Fourier transform ion cyclotron resonance mass spectrometry [APPI(-)FT-ICR MS. <i>Fuel</i> , <b>2014</b> , 118, 348-357 <sup>1</sup>	7.1	66
183	Characterization of thermal and catalytic pyrolysis bio-oils by high-resolution techniques: 1H NMR, GC GC-TOFMS and FT-ICR MS. <i>Journal of Analytical and Applied Pyrolysis</i> , <b>2016</b> , 117, 257-267	6	65
182	Poly (ethylene terephthalate) thermo-mechanical and thermo-oxidative degradation mechanisms. <i>Polymer Degradation and Stability</i> , <b>2009</b> , 94, 1849-1859	4.7	64
181	FT-ICR MS analysis of asphaltenes: Asphaltenes go in, fullerenes come out. <i>Fuel</i> , <b>2014</b> , 131, 49-58	7.1	62
180	Assessing the chemical composition of bio-oils using FT-ICR mass spectrometry and comprehensive two-dimensional gas chromatography with time-of-flight mass spectrometry. <i>Microchemical Journal</i> , <b>2014</b> , 117, 68-76	4.8	58
179	A new insert sample approach to paper spray mass spectrometry: a paper substrate with paraffin barriers. <i>Analyst, The</i> , <b>2016</b> , 141, 1707-13	5	49
178	Chemical profile of mango ( <i>Mangifera indica</i> L.) using electrospray ionisation mass spectrometry (ESI-MS). <i>Food Chemistry</i> , <b>2016</b> , 204, 37-45	8.5	49
177	Fingerprinting of sildenafil citrate and tadalafil tablets in pharmaceutical formulations via X-ray fluorescence (XRF) spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2012</b> , 58, 7-11	3.5	45
176	Paper spray ionization and portable mass spectrometers: a review. <i>Analytical Methods</i> , <b>2019</b> , 11, 999-1013	3.2	42
175	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> , <b>2014</b> , 139, 4908-16	5	42
174	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> , <b>2011</b> , 400, 3053-64	4.4	42

173	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> , <b>2018</b> , 29, 566-572	3.5	42
172	Antioxidant potential and vasodilatory activity of fermented beverages of jaboticaba berry ( <i>Myrciaria jaboticaba</i> ). <i>Journal of Functional Foods</i> , <b>2014</b> , 8, 169-179	5.1	41
171	Mechanisms involved in the gastroprotective activity of <i>Celtis iguanaea</i> (Jacq.) Sargent on gastric lesions in mice. <i>Journal of Ethnopharmacology</i> , <b>2014</b> , 155, 1616-24	5	41
170	Petroleum crude oil analysis using low-temperature plasma mass spectrometry. <i>Rapid Communications in Mass Spectrometry</i> , <b>2013</b> , 27, 825-34	2.2	41
169	Poli(tereftalato de etileno), PET: uma revisã sobre os processos de sãntese, mecanismos de degradaã e sua reciclagem. <i>Polimeros</i> , <b>2009</b> , 19, 121-132	1.6	40
168	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> , <b>2013</b> , 104, 656-663	7.1	39
167	Gasoline, Kerosene, and Diesel Fingerprinting via Polar Markers. <i>Energy &amp; Fuels</i> , <b>2012</b> , 26, 3542-3547	4.1	38
166	Analyzes of hydrocarbons by atmosphere pressure chemical ionization FT-ICR mass spectrometry using isooctane as ionizing reagent. <i>Fuel</i> , <b>2015</b> , 153, 346-354	7.1	35
165	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. <i>Energy &amp; Fuels</i> , <b>2016</b> , 30, 1972-1978	4.1	35
164	Qualitative analysis of designer drugs by paper spray ionisation mass spectrometry (PSI-MS). <i>Analytical Methods</i> , <b>2016</b> , 8, 614-620	3.2	35
163	Paper spray ionization mass spectrometry applied to forensic chemistry [Drugs of abuse, inks and questioned documents]. <i>Analytical Methods</i> , <b>2017</b> , 9, 4400-4409	3.2	35
162	Evidencing the crude oil corrosion by Raman spectroscopy, atomic force microscopy and electrospray ionization FT-ICR mass spectrometry. <i>Fuel</i> , <b>2015</b> , 139, 328-336	7.1	34
161	Characterisation and selection of demulsifiers for water-in-crude oil emulsions using low-field <sup>1</sup> H NMR and ESI-FT-ICR MS. <i>Fuel</i> , <b>2015</b> , 140, 762-769	7.1	33
160	Monitoring the physicochemical degradation of coconut water using ESI-FT-ICR MS. <i>Food Chemistry</i> , <b>2015</b> , 174, 139-46	8.5	32
159	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> , <b>2014</b> , 126, 85-95	7.1	31
158	Catalytic decarboxylation of naphthenic acids in crude oils. <i>Fuel</i> , <b>2015</b> , 158, 113-121	7.1	31
157	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> , <b>2016</b> , 30, 5439-5448	4.1	30
156	Thin layer chromatography coupled to paper spray ionization mass spectrometry for cocaine and its adulterants analysis. <i>Forensic Science International</i> , <b>2016</b> , 262, 56-65	2.6	29

155	Synthesis and characterization of aniline copolymers containing carboxylic groups and their application as sensitizer and hole conductor in solar cells. <i>Synthetic Metals</i> , <b>2009</b> , 159, 2348-2354	3.6	29
154	Chemical identification of cannabinoids in street marijuana samples using electrospray ionization FT-ICR mass spectrometry. <i>Analytical Methods</i> , <b>2015</b> , 7, 1415-1424	3.2	28
153	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> , <b>2017</b> , 210, 514-526	7.1	27
152	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> , <b>2014</b> , 75, 132-42	6.8	27
151	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> , <b>2018</b> , 32, 1287-1295	2.2	27
150	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> , <b>2016</b> , 129, 339-347	4.8	26
149	Rapid screening of agrochemicals by paper spray ionization and leaf spray mass spectrometry: which technique is more appropriate?. <i>Analytical Methods</i> , <b>2016</b> , 8, 6023-6029	3.2	26
148	Portable near infrared spectroscopy applied to fuel quality control. <i>Talanta</i> , <b>2018</b> , 176, 26-33	6.2	26
147	Multivariate optimisation of ICP OES instrumental parameters for Pb/Ba/Sb measurement in gunshot residues. <i>Microchemical Journal</i> , <b>2015</b> , 120, 58-63	4.8	25
146	Fractionation of asphaltene in n-hexane and on adsorption onto CaCO <sub>3</sub> and characterization by ESI(+)FT-ICR MS: Part I. <i>Fuel</i> , <b>2017</b> , 210, 790-802	7.1	24
145	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> , <b>2018</b> , 32, 2878-2888	4.1	24
144	Ageing of polyamide 11 used in the manufacture of flexible piping. <i>Journal of Applied Polymer Science</i> , <b>2009</b> , 114, 1777-1783	2.9	24
143	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> , <b>2016</b> , 56, 73-9	2	24
142	Laser desorption ionization FT-ICR mass spectrometry and CARSPLS for predicting basic nitrogen and aromatics contents in crude oils. <i>Fuel</i> , <b>2015</b> , 160, 274-281	7.1	23
141	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> , <b>2015</b> , 118, 19-25	4.8	23
140	Portable near infrared spectroscopy applied to abuse drugs and medicine analyses. <i>Analytical Methods</i> , <b>2018</b> , 10, 593-603	3.2	23
139	A new procedure based on column chromatography to purify bromelain by ion exchange plus gel filtration chromatographies. <i>Industrial Crops and Products</i> , <b>2014</b> , 59, 163-168	5.9	23
138	Profiling counterfeit Cialis, Viagra and analogs by UPLC-MS. <i>Forensic Science International</i> , <b>2013</b> , 229, 13-20	2.6	23

137	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> , <b>2011</b> , 02, 658-664	0.7	23
136	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> , <b>2016</b> , 1, 13-21	2.8	23
135	Petroleomics by Direct Analysis in Real Time-Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2016</b> , 27, 182-5	3.5	22
134	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> , <b>2017</b> , 418, 67-72	1.9	22
133	Paper spray ionization mass spectrometry allied to chemometric tools for quantification of whisky adulteration with additions of sugarcane spirit. <i>Analytical Methods</i> , <b>2018</b> , 10, 1952-1960	3.2	22
132	A simple and convenient method for synthesis of new aminonaphthoquinones derived from lawsone by catalytic multicomponent Mannich reaction. <i>Tetrahedron Letters</i> , <b>2014</b> , 55, 4373-4377	2	22
131	Analyzing Brazilian vehicle documents for authenticity by easy ambient sonic-spray ionization mass spectrometry. <i>Journal of Forensic Sciences</i> , <b>2012</b> , 57, 539-43	1.8	22
130	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> , <b>2020</b> , 159, 105544	4.8	22
129	Analytical advanced techniques in the molecular-level characterization of Brazilian crude oils. <i>Microchemical Journal</i> , <b>2018</b> , 137, 111-118	4.8	21
128	Study of the effect of temperature and gas condensate addition on the viscosity of heavy oils. <i>Journal of Petroleum Science and Engineering</i> , <b>2016</b> , 142, 163-169	4.4	21
127	Antihypertensive effect of Carica papaya via a reduction in ACE activity and improved baroreflex. <i>Planta Medica</i> , <b>2014</b> , 80, 1580-7	3.1	21
126	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> , <b>2015</b> , 9, 244-56	3.4	20
125	Characterization of organosulfur compounds in asphalt cement samples by ESI(+)FT-ICR MS and <sup>13</sup> C NMR spectroscopy. <i>Fuel</i> , <b>2019</b> , 256, 115923	7.1	19
124	Characterization of sildenafil citrate tablets of different sources by near infrared chemical imaging and chemometric tools. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2013</b> , 85, 207-12	3.5	19
123	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> , <b>2017</b> , 28, 2401-2407	3.5	19
122	LSD and 9,10-dihydro-LSD analyses in street drug blotter samples via easy ambient sonic-spray ionization mass spectrometry (EASI-MS). <i>Journal of Forensic Sciences</i> , <b>2012</b> , 57, 1307-12	1.8	19
121	Characterization of nonvolatile polar compounds from Brazilian oils by electrospray ionization with FT-ICR MS and Orbitrap-MS. <i>Fuel</i> , <b>2020</b> , 282, 118790	7.1	19
120	Quantification of cocaine and its adulterants (lidocaine and levamisole) using the Dragendorff reagent allied to paper spray ionization mass spectrometry. <i>Analytical Methods</i> , <b>2017</b> , 9, 3662-3668	3.2	17

119	Chemical profiles of Robusta and Arabica coffee by ESI(FT-ICR MS and ATR-FTIR: a quantitative approach. <i>Analytical Methods</i> , <b>2016</b> , 8, 7678-7688	3.2	17
118	Study of degradation of acid crude oil by high resolution analytical techniques. <i>Journal of Petroleum Science and Engineering</i> , <b>2017</b> , 154, 194-203	4.4	16
117	Isomeric separation of cannabinoids by UPLC combined with ionic mobility mass spectrometry (TWIM-MS) Part I. <i>International Journal of Mass Spectrometry</i> , <b>2017</b> , 418, 112-121	1.9	16
116	Synthesis, characterization and introduction of a new ion-coordinating ruthenium sensitizer dye in quasi-solid state TiO <sub>2</sub> solar cells. <i>Journal of Photochemistry and Photobiology A: Chemistry</i> , <b>2011</b> , 222, 185-191	4.7	16
115	FTIR, 1H and 13C NMR data fusion to predict crude oils properties. <i>Fuel</i> , <b>2020</b> , 263, 116721	7.1	16
114	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> , <b>2020</b> , 156, 104968	4.8	15
113	Eugenia calycina Cambess extracts and their fractions: Their antimicrobial activity and the identification of major polar compounds using electrospray ionization FT-ICR mass spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2014</b> , 99, 89-96	3.5	15
112	Analysis of gunshot residues produced by .38 caliber handguns using inductively coupled plasma-optical emission spectroscopy (ICP OES). <i>Microchemical Journal</i> , <b>2014</b> , 115, 106-112	4.8	15
111	Brown seaweed Padina gymnospora is a prominent natural wound-care product. <i>Revista Brasileira De Farmacognosia</i> , <b>2016</b> , 26, 714-719	2	15
110	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> , <b>2018</b> , 58, 355-365	2	15
109	Banknote analysis by portable near infrared spectroscopy. <i>Forensic Chemistry</i> , <b>2018</b> , 8, 57-63	2.8	14
108	The role of intermolecular interactions in polyaniline/polyamide-6,6 pressure-sensitive blends studied by DFT and 1H NMR. <i>European Polymer Journal</i> , <b>2016</b> , 85, 588-604	5.2	14
107	Determination of physicochemical properties of biodiesel and blends using low-field NMR and multivariate calibration. <i>Fuel</i> , <b>2019</b> , 237, 745-752	7.1	14
106	Evaluation of acute toxicity of europium organic complex applied as a luminescent marker for the visual identification of gunshot residue. <i>Microchemical Journal</i> , <b>2016</b> , 124, 195-200	4.8	13
105	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> , <b>2017</b> , 31, 3454-3464	4.1	13
104	Determination of crude oil physicochemical properties by high-temperature gas chromatography associated with multivariate calibration. <i>Fuel</i> , <b>2018</b> , 220, 389-395	7.1	13
103	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> , <b>2018</b> , 98, 1105-1116	4.3	13
102	Quality control of ethanol fuel: Assessment of adulteration with methanol using 1H NMR. <i>Fuel</i> , <b>2014</b> , 135, 387-392	7.1	13

101	Fingerprinting of bottle-grade poly(ethylene terephthalate) via matrix-assisted laser desorption/ionization mass spectrometry. <i>Polymer Degradation and Stability</i> , <b>2010</b> , 95, 666-671	4.7	13
100	Chemical profiling and classification of cannabis through electrospray ionization coupled to Fourier transform ion cyclotron resonance mass spectrometry and chemometrics. <i>Analytical Methods</i> , <b>2017</b> , 9, 4070-4081	3.2	13
99	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> , <b>2016</b> , 8, 7632-7637	3.2	13
98	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> , <b>2018</b> , 160, 1-11	4.4	12
97	Anti-Mayaro virus activity of <i>Cassia australis</i> extracts (Fabaceae, Leguminosae). <i>Parasites and Vectors</i> , <b>2014</b> , 7, 537	4	12
96	Europium organic complex as luminescent marker for the visual identification of gunshot residue and characterization by electrospray ionization FT-ICR mass spectrometry. <i>Microchemical Journal</i> , <b>2014</b> , 116, 216-224	4.8	12
95	Distinguishing between virgin and post-consumption bottle-grade poly (ethylene terephthalate) using thermal properties. <i>Polymer Testing</i> , <b>2010</b> , 29, 879-885	4.5	12
94	Chemical Fingerprinting of Counterfeits of Viagra and Cialis Tablets and Analogues via Electrospray Ionization Mass Spectrometry. <i>American Journal of Analytical Chemistry</i> , <b>2011</b> , 02, 919-928	0.7	12
93	Quantification of beef, pork, and chicken in ground meat using a portable NIR spectrometer. <i>Vibrational Spectroscopy</i> , <b>2020</b> , 111, 103158	2.1	12
92	Chemical characterization of synthetic cannabinoids by electrospray ionization FT-ICR mass spectrometry. <i>Forensic Science International</i> , <b>2016</b> , 266, 474-487	2.6	12
91	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> , <b>2017</b> , 69, 714-721	4.8	11
90	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> , <b>2015</b> , 15, 561	4.8	11
89	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> , <b>2015</b> ,	1.5	11
88	Monitoring the polyamide 11 degradation by thermal properties and X-ray fluorescence spectrometry allied to chemometric methods. <i>X-Ray Spectrometry</i> , <b>2013</b> , 42, 79-86	0.9	11
87	Gastroprotective activity of the resin from <i>Virola oleifera</i> . <i>Pharmaceutical Biology</i> , <b>2017</b> , 55, 472-480	3.8	10
86	Determination of physicochemical properties of petroleum using <sup>1</sup> H NMR spectroscopy combined with multivariate calibration. <i>Fuel</i> , <b>2019</b> , 253, 320-326	7.1	10
85	Quantification of cocaine and its adulterants by nuclear magnetic resonance spectroscopy without deuterated solvents (No-D qNMR). <i>Analytical Methods</i> , <b>2018</b> , 10, 1685-1694	3.2	10
84	Documentoscopy by atomic force microscopy (AFM) coupled with Raman microspectroscopy: applications in banknote and driver license analyses. <i>Analytical Methods</i> , <b>2016</b> , 8, 771-784	3.2	10

83	NBOMe compounds: An overview about analytical methodologies aiming their determination in biological matrices. <i>TrAC - Trends in Analytical Chemistry</i> , <b>2019</b> , 114, 260-277	14.6	9
82	Monitorando a degradação da poliamida 11 (PA-11) via espectroscopia na região do infravermelho médio com transformada de fourier (FTIR). <i>Polimeros</i> , <b>2013</b> , 23, 37-41	1.6	9
81	Hexane partition from <i>Annona crassiflora</i> Mart. promotes cytotoxicity and apoptosis on human cervical cancer cell lines. <i>Investigational New Drugs</i> , <b>2019</b> , 37, 602-615	4.3	9
80	Phytochemical profile of genotypes of <i>Euterpe edulis</i> Martius - Juçara palm fruits. <i>Food Research International</i> , <b>2019</b> , 116, 985-993	7	9
79	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> , <b>2015</b> , 4, 14-18	5.4	8
78	Study of the Influence of Resins on the Asphaltene Aggregates by 1H DOSY NMR. <i>Energy &amp; Fuels</i> , <b>2020</b> , 34, 5679-5688	4.1	8
77	<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> , <b>2016</b> , 26, 342-346	2	8
76	Rheological study of the behavior of water-in-oil emulsions of heavy oils. <i>Journal of Petroleum Science and Engineering</i> , <b>2019</b> , 173, 1323-1331	4.4	8
75	Discrimination of oils and fuels using a portable NIR spectrometer. <i>Fuel</i> , <b>2021</b> , 283, 118854	7.1	8
74	Fungicides in red wines produced in South America. <i>Food Additives and Contaminants - Part A Chemistry, Analysis, Control, Exposure and Risk Assessment</i> , <b>2018</b> , 35, 2135-2144	3.2	8
73	Identification of maloyl glucans from <i>Euphorbia tirucalli</i> by ESI-(H)FT-ICR MS analyses. <i>Phytochemistry Letters</i> , <b>2015</b> , 12, 209-214	1.9	7
72	No-deuterium proton NMR (No-D NMR): A simple, fast and powerful method for analyses of illegal drugs. <i>Microchemical Journal</i> , <b>2015</b> , 118, 12-18	4.8	7
71	Prediction of Total Acid Number in Distillation Cuts of Crude Oil by ESI-(H)FT-ICR MS Coupled with Chemometric Tools. <i>Journal of the Brazilian Chemical Society</i> , <b>2017</b> ,	1.5	7
70	Identification of phenolic compounds in <i>Eugenia uniflora</i> leaves by FTICR MS in association with different ionization sources. <i>Analytical Methods</i> , <b>2018</b> , 10, 1647-1655	3.2	7
69	Identification of petroleum profiles by infrared spectroscopy and chemometrics. <i>Fuel</i> , <b>2019</b> , 254, 115670	7.1	7
68	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> , <b>2015</b> , 29, 864-9	6.7	7
67	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> , <b>2021</b> , 208, 111430	7	7
66	A review of chemometrics models to predict crude oil properties from nuclear magnetic resonance and infrared spectroscopy. <i>Fuel</i> , <b>2021</b> , 303, 121283	7.1	7



65	The use of conductive polymers as a substrate for paper spray ionization mass spectrometry. <i>Analytical Methods</i> , <b>2019</b> , 11, 3388-3400	3.2	6
64	Quantification of capsaicinoids from chili peppers using <sup>1</sup> H NMR without deuterated solvent. <i>Analytical Methods</i> , <b>2019</b> , 11, 1939-1950	3.2	6
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