

# Boniek G. Vaz

## 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.

184  
papers

3,304  
citations

34  
h-index

47  
g-index

199  
ext. papers

3,792  
ext. citations

4.4  
avg, IF

5.24  
L-index

#	Paper	IF	Citations
184	3D printed microfluidic mixer for real-time monitoring of organic reactions by direct infusion mass spectrometry. <i>Analytica Chimica Acta</i> , <b>2022</b> , 1190, 339252	6.6	2
183	Fumonisin B1 analysis in maize by Molecularly Imprinted Polymer Paper Spray Ionization Mass Spectrometry (MIP-PSI-MS). <i>Journal of Food Composition and Analysis</i> , <b>2022</b> , 107, 104362	4.1	2
182	Hazardous effects of road-side soils on the redox and cholinesterasic homeostasis of mound-building termite ( <i>Cornitermes cumulans</i> ).. <i>Science of the Total Environment</i> , <b>2022</b> , 815, 152841	10.2	1
181	Isolation of tetrameric acids from naphthenates deposits and characterization by high-resolution analytical techniques. <i>Fuel</i> , <b>2022</b> , 308, 122065	7.1	2
180	A new approach for the analysis of amino acid neurotransmitters in mouse brain tissues using DESI imaging. <i>International Journal of Mass Spectrometry</i> , <b>2022</b> , 471, 116730	1.9	1
179	Anxiolytic- and antidepressant-like effects of new phenylpiperazine derivative LQFM005 and its hydroxylated metabolite in mice. <i>Behavioural Brain Research</i> , <b>2022</b> , 417, 113582	3.4	2
178	Evaluation of Antioxidant Potential of Commercial Cinnamon Samples and Its Vasculature Effects.. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2022</b> , 2022, 1992039	6.7	1
177	Synthesis of bis(ylidene) cyclohexanones and their antifungal activity against selected plant pathogenic fungi.. <i>Molecular Diversity</i> , <b>2022</b> , 1	3.1	
176	Assessing organophosphorus and carbamate pesticides in maize samples using MIP extraction and PSI-MS analyzes. <i>Journal of Food Science and Technology</i> , <b>2022</b> , 59, 2510	3.3	
175	Laser desorption ionization and collision induced dissociation as powerful tools for FT-ICR mass spectrometric characterization of asphaltene fractions enriched in island and archipelago motifs. <i>Fuel</i> , <b>2022</b> , 323, 124418	7.1	1
174	Naphthenic Acids: Formation, Role in Emulsion Stability, and Recent Advances in Mass Spectrometry-Based Analytical Methods.. <i>Journal of Analytical Methods in Chemistry</i> , <b>2021</b> , 2021, 6078084	2	2
173	Multivariate classification techniques and mass spectrometry as a tool in the screening of patients with fibromyalgia. <i>Scientific Reports</i> , <b>2021</b> , 11, 22625	4.9	1
172	Comparing the Intermediate Precision in Petroleomics by Ultrahigh-Resolution Mass Spectrometry. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 16465-16481	4.1	0
171	Laser ablation electrospray ionization mass spectrometry imaging as a new tool for accessing patulin diffusion in mold-infected fruits. <i>Food Chemistry</i> , <b>2021</b> , 373, 131490	8.5	4
170	Direct analysis of naphthenic acids in produced water and crude oil by NH-surface-modified wooden-tip electrospray ionization mass spectrometry. <i>Analytical Methods</i> , <b>2021</b> , 13, 5274-5281	3.2	0
169	Miniaturized sample preparation techniques and ambient mass spectrometry as approaches for food residue analysis. <i>Journal of Chromatography A</i> , <b>2021</b> , 1640, 461949	4.5	4
168	Mass spectrometry-based biosensing using pencil graphite rods. <i>Microchemical Journal</i> , <b>2021</b> , 164, 1060778	4.78	2

167	Antioxidant activity of thirty-six peppers varieties and vasorelaxant of selected varieties. <i>Food Bioscience</i> , <b>2021</b> , 41, 100989	4.9	2
166	Comparison of Conventional and Microwave Synthesis of Phenyl-1H-pyrazoles and Phenyl-1H-pyrazoles-4-carboxylic Acid Derivatives. <i>Current Organic Synthesis</i> , <b>2021</b> , 18, 844-853	1.9	
165	A fast and direct determination of bisphenol S in thermal paper samples using paper spray ionization mass spectrometry. <i>Environmental Science and Pollution Research</i> , <b>2021</b> , 28, 57288-57296	5.1	1
164	Isolation and characterization of sulfur-containing compounds by positive-ion electrospray ionization and online HPLC/Atmospheric pressure chemical ionization coupled to Orbitrap mass spectrometry. <i>Fuel</i> , <b>2021</b> , 289, 119783	7.1	4
163	Microwave-assisted synthesis and antimicrobial activity of novel spiro 1,3,4-thiadiazolines from isatin derivatives. <i>Journal of Heterocyclic Chemistry</i> , <b>2021</b> , 58, 766-776	1.9	2
162	LQFM184: A Novel Wide Ultraviolet Radiation Range Absorber Compound. <i>Photochemistry and Photobiology</i> , <b>2021</b> , 97, 360-371	3.6	
161	Anti-arthritic and Safety Pharmacological Effects of Gum Extract from <i>Anacardium occidentale</i> in Rats. <i>Revista Brasileira De Farmacognosia</i> , <b>2021</b> , 31, 75-84	2	3
160	Combining the Katritzky Reaction and Paper Spray Ionization Mass Spectrometry for Enhanced Detection of Amino Acid Neurotransmitters in Mouse Brain Sections. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2021</b> , 32, 2513-2518	3.5	4
159	Daylight LED promotes photochemical ring contraction of 2-amine-4H-pyran-3-carbonitriles with consequent loss of their antifungal activity. <i>Photochemical and Photobiological Sciences</i> , <b>2021</b> , 20, 1309-1321	4.2	1
158	Chemical characterization by ultrahigh-resolution mass spectrometry analysis of acid-extractable organics from produced water extracted by solvent-terminated dispersive liquid-liquid microextraction. <i>Fuel</i> , <b>2021</b> , 306, 121573	7.1	0
157	A giant hybrid organic-inorganic octahedron from a narrow rim carboxylate calixarene. <i>Chemical Communications</i> , <b>2020</b> , 56, 15024-15027	5.8	
156	Polypyrrole-coated needle as an electrospray emitter for ambient mass spectrometry. <i>Analytical Methods</i> , <b>2020</b> , 12, 3235-3241	3.2	4
155	Directly transferring pepper constituents to triangular papers for pungency determination by paper spray ionization mass spectrometry. <i>Analytical and Bioanalytical Chemistry</i> , <b>2020</b> , 412, 5389-5396	4.4	8
154	Antiangiogenic and antitumoral activity of LQFM126 prototype against B16F10 melanoma cells. <i>Chemico-Biological Interactions</i> , <b>2020</b> , 325, 109127	5	1
153	Design, synthesis and pharmacological assessment of new pyrazole compounds. <i>Inflammopharmacology</i> , <b>2020</b> , 28, 915-928	5.1	1
152	Paper Spray Ionization Mass Spectrometry as a Potential Tool for Early Diagnosis of Cervical Cancer. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2020</b> ,	3.5	12
151	Restrict access material for paper spray ionization mass spectrometry: A versatile tool for catecholamines and antidepressants determination in plasma samples. <i>Microchemical Journal</i> , <b>2020</b> , 158, 105245	4.8	1
150	Mechanisms involved in the antinociceptive and anti-inflammatory effects of a new triazole derivative: 5-[1-(4-fluorophenyl)-1H-1,2,3-triazol-4-yl]-1H-tetrazole (LQFM-096). <i>Inflammopharmacology</i> , <b>2020</b> , 28, 877-892	5.1	11

149	Fractionation of polar compounds from crude oils by hetero-medium pressure liquid chromatography (H-MPLC) and molecular characterization by ultrahigh-resolution mass spectrometry. <i>Fuel</i> , <b>2020</b> , 267, 117289	7.1	7
148	Rapid monitoring of pesticides in tomatoes ( <i>Solanum lycopersicum</i> L.) during pre-harvest intervals by paper spray ionization mass spectrometry. <i>Food Chemistry</i> , <b>2020</b> , 310, 125938	8.5	26
147	Cerebral Lipid Dynamics in Chronic Cerebral Hypoperfusion Model by DESI-MS Imaging. <i>Neuroscience</i> , <b>2020</b> , 426, 1-12	3.9	5
146	Babassu (Zona) Nut Oil Is More Effective than Olive Oil for Treating Ischemia-Reperfusion Injury. <i>Evidence-based Complementary and Alternative Medicine</i> , <b>2020</b> , 2020, 2525871	2.3	
145	Anti-inflammatory and antinociceptive activity profile of a new lead compound - LQFM219. <i>International Immunopharmacology</i> , <b>2020</b> , 88, 106893	5.8	3
144	A New Strategy for the Analysis of Steroid Hormones in Industrial Wastewaters by Paper Spray Ionization Mass Spectrometry. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2020</b> , 31, 2250-2257	3.5	6
143	Neuropharmacological assessment in mice and molecular docking of piperazine derivative LQFM212. <i>Behavioural Brain Research</i> , <b>2020</b> , 394, 112827	3.4	1
142	Investigation of anti-inflammatory potential of 5-(3,5-di-tert-butyl-4-hydroxybenzylidene)-2-thioxodihydropyrimidine-4,6(1H,5H)-dione compound. <i>European Journal of Pharmacology</i> , <b>2020</b> , 886, 173388	5.3	1
141	A potential material for removal of nitrogen compounds in petroleum and petrochemical derivatives. <i>Chemical Engineering Communications</i> , <b>2020</b> , 1-16	2.2	2
140	Crude plant extract versus single compounds for vitiligo treatment: Ex vivo intestinal permeability assessment on <i>Brosimum gaudichaudii</i> Trin. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , <b>2020</b> , 191, 113593	3.5	1
139	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
138	DETERMINAÇÃO DE DESIGNER DRUGS EM SALIVA POR PAPER SPRAY MASS SPECTROMETRY. <i>Química Nova</i> , <b>2019</b> ,	1.6	2
137	Fourier transform mass spectrometry applied to petroleomics <b>2019</b> , 509-528		1
136	Paper spray ionization and portable mass spectrometers: a review. <i>Analytical Methods</i> , <b>2019</b> , 11, 999-1013	3.2	42
135	Lipid dynamics in LPS-induced neuroinflammation by DESI-MS imaging. <i>Brain, Behavior, and Immunity</i> , <b>2019</b> , 79, 186-194	16.6	7
134	Lab-made solid phase microextraction phases for off line extraction and direct mass spectrometry analysis: Evaluating the extraction parameters. <i>Journal of Chromatography A</i> , <b>2019</b> , 1603, 23-32	4.5	5
133	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
132	Electrochemical Removal of Algestone Acetophenide and Estradiol Enanthate in Real Industrial Wastewater. <i>International Journal of Electrochemical Science</i> , <b>2019</b> , 5856-5867	2.2	2

131	A simple alternative to prodrug: The hydrochloride salt monohydrate of the prostate anticancer drug abiraterone. <i>Journal of Molecular Structure</i> , <b>2019</b> , 1190, 165-170	3.4	5
130	Matrix-Assisted Laser Desorption Ionization Imaging and Laser Ablation Sampling for Analysis of Fungicide Distribution in Apples. <i>Analytical Chemistry</i> , <b>2019</b> , 91, 6051-6056	7.8	11
129	Study of ciprofloxacin degradation by zero-valent copper nanoparticles. <i>Chemical Papers</i> , <b>2019</b> , 73, 249-260	2.6	8
128	Molecularly Imprinted Polymer-Coated Probe Electrospray Ionization Mass Spectrometry Determines Phorbol Esters and Deoxyphorbol Metabolites in <i>Jatropha curcas</i> Leaves. <i>Journal of the American Society for Mass Spectrometry</i> , <b>2019</b> , 30, 2051-2059	3.5	9
127	Evaluation of the effects of the simulated thermal evolution of a Type-I source rock on the distribution of basic nitrogen-containing compounds. <i>Fuel</i> , <b>2019</b> , 254, 115685	7.1	5
126	Electrochemical remediation of industrial pharmaceutical wastewater containing hormones in a pilot scale treatment system. <i>Eletica Quimica</i> , <b>2019</b> , 44, 40	2.6	4
125	CHAPTER 9:Paper Spray Ionization Mass Spectrometry in Forensic Chemistry. <i>RSC Detection Science</i> , <b>2019</b> , 198-243	0.4	
124	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
123	Modified activated carbon as a promising adsorbent for quinoline removal. <i>Microporous and Mesoporous Materials</i> , <b>2019</b> , 277, 208-216	5.3	30
122	Zirconium catalyzed synthesis of 2-arylidene Indan-1,3-diones and evaluation of their inhibitory activity against NS2B-NS3 WNV protease. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 149, 98-109	6.8	15
121	Mass spectrometry and multivariate analysis to classify cervical intraepithelial neoplasia from blood plasma: an untargeted lipidomic study. <i>Scientific Reports</i> , <b>2018</b> , 8, 3954	4.9	7
120	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> , <b>2018</b> , 225, 632-645	7.1	6
119	Synthesis and leishmanicidal activity of eugenol derivatives bearing 1,2,3-triazole functionalities. <i>European Journal of Medicinal Chemistry</i> , <b>2018</b> , 146, 274-286	6.8	33
118	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
117	The exposure to water with cigarette residue changes the anti-predator response in female Swiss albino mice. <i>Environmental Science and Pollution Research</i> , <b>2018</b> , 25, 8592-8607	5.1	23
116	A new piperazine derivative: 1-(4-(3,5-di-tert-butyl-4-hydroxybenzyl)piperazin-1-yl)-2-methoxyethan-1-one with antioxidant and central activity. <i>Naunyn-Schmiedeberg's Archives of Pharmacology</i> , <b>2018</b> , 391, 255-269	3.4	5
115	Phytochemistry and antimicrobial activity of <i>Campomanesia adamantium</i> . <i>Revista Brasileira De Farmacognosia</i> , <b>2018</b> , 28, 303-311	2	9
114	Molecularly imprinted polymer (MIP) membrane assisted direct spray ionization mass spectrometry for agrochemicals screening in foodstuffs. <i>Talanta</i> , <b>2018</b> , 178, 507-514	6.2	51

113	The Spatial Distribution of Alkaloids in <i>Psychotria prunifolia</i> (Kunth) Steyerm and <i>Palicourea coriacea</i> (Cham.) K. Schum Leaves Analysed by Desorption Electrospray Ionisation Mass Spectrometry Imaging. <i>Phytochemical Analysis</i> , <b>2018</b> , 29, 69-76	3.4	6
112	Anti-inflammatory effect of a new piperazine derivative: (4-methylpiperazin-1-yl)(1-phenyl-1H-pyrazol-4-yl)methanone. <i>Inflammopharmacology</i> , <b>2018</b> , 26, 217-226 <sup>5.1</sup>		9
111	Molecular docking and pharmacological/toxicological assessment of a new compound designed from celecoxib and paracetamol by molecular hybridization. <i>Inflammopharmacology</i> , <b>2018</b> , 26, 1189-1206 <sup>5.1</sup>		8
110	Synthesis and antimetastatic activity evaluation of cinnamic acid derivatives containing 1,2,3-triazolic portions. <i>Toxicology in Vitro</i> , <b>2018</b> , 53, 1-9	3.6	10
109	Toxico-pharmacological evaluations of the small-molecule LQFM166: Inducer of apoptosis and MDM2 antagonist. <i>Chemico-Biological Interactions</i> , <b>2018</b> , 293, 20-27	5	2
108	The novel piperazine-containing compound LQFM018: Necroptosis cell death mechanisms, dopamine D receptor binding and toxicological assessment. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 102, 481-493	7.5	8
107	Facile room temperature synthesis of large graphene sheets from simple molecules. <i>Chemical Science</i> , <b>2018</b> , 9, 7297-7303	9.4	21
106	TiO <sub>2</sub> @C Nanostructured Electrodes for the Anodic Removal of Cocaine. <i>Electroanalysis</i> , <b>2018</b> , 30, 2094-2098		2
105	Electrochemical remediation of amoxicillin: detoxification and reduction of antimicrobial activity. <i>Chemico-Biological Interactions</i> , <b>2018</b> , 291, 162-170	5	2
104	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
103	Chemical characterization and pharmacological assessment of polysaccharide free, standardized cashew gum extract ( <i>Anacardium occidentale</i> L.). <i>Journal of Ethnopharmacology</i> , <b>2018</b> , 213, 395-402	5	19
102	Analysis of Isomeric Cannabinoid Standards and Cannabis Products by UPLC-ESI-TWIM-MS: a Comparison with GC-MS and GC-MS-QMS. <i>Journal of the Brazilian Chemical Society</i> , <b>2018</b> ,	1.5	6
101	Caryocar brasiliense induces vasorelaxation through endothelial Ca <sup>2+</sup> /calmodulin and PI3K/Akt/eNOS-dependent signaling pathways in rats. <i>Revista Brasileira De Farmacognosia</i> , <b>2018</b> , 28, 678-685	2	1
100	Uncovering the Formation of Color Gradients for Glucose Colorimetric Assays on Microfluidic Paper-Based Analytical Devices by Mass Spectrometry Imaging. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 11949-11954 <sup>7.8</sup>		33
99	Tert-butyl 4-((1-phenyl-1H-pyrazol-4-yl) methyl) piperazine-1-carboxylate (LQFM104)- New piperazine derivative with antianxiety and antidepressant-like effects: Putative role of serotonergic system. <i>Biomedicine and Pharmacotherapy</i> , <b>2018</b> , 103, 546-552	7.5	12
98	Efficient electrochemical remediation of microcystin-LR in tap water using designer TiO@carbon electrodes. <i>Scientific Reports</i> , <b>2017</b> , 7, 41326	4.9	14
97	Crystal structure of two natural polyprenylated benzophenones from the Brazilian Cerrado, including a new natural product. <i>Chemical Data Collections</i> , <b>2017</b> , 9-10, 24-34	2.1	1
96	Anxiolytic-like effect of 2-(4-((1-phenyl-1H-pyrazol-4-yl)methyl)piperazin-1-yl)ethan-1-ol is mediated through the benzodiazepine and nicotinic pathways. <i>Chemical Biology and Drug Design</i> , <b>2017</b> , 90, 432-442 <sup>2.9</sup>		7

95	Antioxidant and vasodilatory activity of commercial beers. <i>Journal of Functional Foods</i> , <b>2017</b> , 34, 130-138	1	28
94	Protective effect of vitamin C in female Swiss mice dermally-exposed to the tannery effluent. <i>Chemosphere</i> , <b>2017</b> , 181, 492-499	8.4	5
93	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
92	A novel chalcone derivative, LQFM064, induces breast cancer cells death via p53, p21, KIT and PDGFRA. <i>European Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 107, 1-15	5.1	11
91	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
90	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
89	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
88	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
87	Probing the competition between acetate and 2,2'-bipyridine ligands to bind to d-block group 12 metals. <i>New Journal of Chemistry</i> , <b>2017</b> , 41, 12843-12853	3.6	5
86	Radical Scavenger Capacity of Jaboticaba Fruit () and Its Biological Effects in Hypertensive Rats. <i>Oxidative Medicine and Cellular Longevity</i> , <b>2017</b> , 2017, 2383157	6.7	16
85	ANTIMICROBIAL ACTIVITY OF COPAIFERA SPP. AGAINST BACTERIA ISOLATED FROM MILK OF COWS WITH MASTITIS. <i>Ciencia Animal Brasileira</i> , <b>2017</b> , 18,	0.8	4
84	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> , <b>2017</b> ,	1.5	7
83	Isolation and Structural Characterization of Two New Furanoditerpenes from <i>Pterodon emarginatus</i> (Fabaceae). <i>Journal of the Brazilian Chemical Society</i> , <b>2017</b> ,	1.5	2
82	Molecularly imprinted polymer-coated paper as a substrate for highly sensitive analysis using paper spray mass spectrometry: quantification of metabolites in urine. <i>Analytical Methods</i> , <b>2017</b> , 9, 6117-6123	3.2	37
81	Antinociceptive, anti-inflammatory and anxiolytic-like effects of the ethanolic extract, fractions and Hibalactone isolated from <i>Hydrocotyle umbellata</i> L. (Acanthaceae) - Araliaceae. <i>Biomedicine and Pharmacotherapy</i> , <b>2017</b> , 95, 837-846	7.5	10
80	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
79	Pharmacological evaluation and molecular docking of new di-tert-butylphenol compound, LQFM-091, a new dual 5-LOX/COX inhibitor. <i>European Journal of Pharmaceutical Sciences</i> , <b>2017</b> , 106, 231-243	5.1	8
78	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

77	Isomeric separation of cannabinoids by UPLC combined with ionic mobility mass spectrometry (TWIM-MS) Bart I. <i>International Journal of Mass Spectrometry</i> , <b>2017</b> , 418, 112-121	1.9	16
76	New pyrazole derivative 5-[1-(4-fluorophenyl)-1H-pyrazol-4-yl]-2H-tetrazole: synthesis and assessment of some biological activities. <i>Chemical Biology and Drug Design</i> , <b>2017</b> , 89, 124-135	2.9	14
75	Short-term social memory deficits in adult female mice exposed to tannery effluent and possible mechanism of action. <i>Chemosphere</i> , <b>2017</b> , 184, 148-158	8.4	8
74	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
73	Design, synthesis and pharmacological evaluation of new anti-inflammatory compounds. <i>European Journal of Pharmacology</i> , <b>2016</b> , 791, 195-204	5.3	10
72	Lower rim dimerization of a calixarene through the encapsulation of sodium ions. <i>CrystEngComm</i> , <b>2016</b> , 18, 6987-6991	3.3	6
71	The C57BL/6J mice offspring originated from a parental generation exposed to tannery effluents shows object recognition deficits. <i>Chemosphere</i> , <b>2016</b> , 164, 593-602	8.4	22
70	Mass Spectrometry for Metabolomics and Biomass Composition Analyses <b>2016</b> , 115-141		2
69	Activated carbons for chalcone production: Claisen-Schmidt condensation reaction. <i>Chemical Engineering Journal</i> , <b>2016</b> , 303, 604-610	14.7	22
68	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
67	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
66	3D printing of microfluidic devices for paper-assisted direct spray ionization mass spectrometry. <i>Analytical Methods</i> , <b>2016</b> , 8, 496-503	3.2	39
65	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
64	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
63	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> , <b>2016</b> ,	1.5	2
62	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
61	One step N-glycosylation by filamentous fungi biofilm in bioreactor of a new phosphodiesterase-3 inhibitor tetrazole. <i>Bioorganic and Medicinal Chemistry Letters</i> , <b>2016</b> , 26, 3177-3181	2.9	4
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