

Kristiane C Mariotti

List of Publications by Citations

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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.

25 papers	412 citations	11 h-index	20 g-index
26 ext. papers	476 ext. citations	2.7 avg, IF	3.16 L-index

#	Paper	IF	Citations
25	Counterfeit Cialis and Viagra fingerprinting by ATR-FTIR spectroscopy with chemometry: can the same pharmaceutical powder mixture be used to falsify two medicines?. <i>Forensic Science International</i> , 2013 , 226, 282-9	2.6	47
24	Profiling cocaine by ATR-FTIR. <i>Forensic Science International</i> , 2015 , 246, 65-71	2.6	45
23	Fingerprinting of sildenafil citrate and tadalafil tablets in pharmaceutical formulations via X-ray fluorescence (XRF) spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2012 , 58, 7-11	3.5	45
22	Determination of amphetamine-type stimulants in oral fluid by solid-phase microextraction and gas chromatography-mass spectrometry. <i>Analytica Chimica Acta</i> , 2011 , 696, 67-76	6.6	39
21	Near infrared spectroscopy combined with chemometrics for growth stage classification of cannabis cultivated in a greenhouse from seized seeds. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2017 , 173, 318-323	4.4	32
20	Seized cannabis seeds cultivated in greenhouse: A chemical study by gas chromatography-mass spectrometry and chemometric analysis. <i>Science and Justice - Journal of the Forensic Science Society</i> , 2016 , 56, 35-41	2	30
19	Profiling counterfeit Cialis, Viagra and analogs by UPLC-MS. <i>Forensic Science International</i> , 2013 , 229, 13-20	2.6	23
18	Toxicological effects of a mixture used in weight loss products: p-synephrine associated with ephedrine, salicin, and caffeine. <i>International Journal of Toxicology</i> , 2012 , 31, 184-91	2.4	15
17	Determination of cocaine and its main adulterants in seized drugs from Rio Grande do Sul, Brazil, by a Doehlert optimized LC-DAD method. <i>Analytical Methods</i> , 2016 , 8, 5212-5217	3.2	13
16	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
15	Chemical Fingerprinting of Counterfeits of Viagra and Cialis Tablets and Analogues via Electrospray Ionization Mass Spectrometry. <i>American Journal of Analytical Chemistry</i> , 2011 , 02, 919-928	0.7	12
14	Trends in counterfeit amphetamine-type stimulants after its prohibition in Brazil. <i>Forensic Science International</i> , 2013 , 229, 23-6	2.6	11
13	Fenproporex and amphetamine pharmacokinetics in oral fluid after controlled oral administration of fenproporex. <i>Therapeutic Drug Monitoring</i> , 2012 , 34, 545-53	3.2	11
12	Comparison between counterfeit and authentic medicines: A novel approach using differential scanning calorimetry and hierarchical cluster analysis. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 166, 304-309	3.5	10
11	Multicriteria wavenumber selection in cocaine classification. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2015 , 115, 562-9	3.5	10
10	Wavenumber selection method to determine the concentration of cocaine and adulterants in cocaine samples. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 152, 120-127	3.5	10
9	Physical profile of counterfeit tablets Viagra [®] and Cialis [®] . <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2012 , 48, 487-495	1.8	10

8	Simultaneous analysis of amphetamine-type stimulants in plasma by solid-phase microextraction and gas chromatography-mass spectrometry. <i>Journal of Analytical Toxicology</i> , 2014 , 38, 432-7	2.9	9
7	Interval importance index to select relevant ATR-FTIR wavenumber Intervals for falsified drug classification. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2018 , 158, 494-503	3.5	8
6	Simultaneous Determination of Fenproporex, Diethylpropione and Methylphenidate in Oral Fluid by LC-MS/MS. <i>Chromatographia</i> , 2014 , 77, 83-90	2.1	4
5	Gender differences in biochemical markers and oxidative stress of rats after 28 days oral exposure to a mixture used for weight loss containing p-synephrine, ephedrine, salicin, and caffeine. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2016 , 52, 59-68	1.8	4
4	Chemical constituents and pharmacological profile of <i>Gunnera manicata</i> L. extracts. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2014 , 50, 147-154	1.8	3
3	Study of acute toxicity and investigation of the presence of D-methylamino-L-alanine in the <i>Gunnera manicata</i> L. a species native to Southern Brazil. <i>Brazilian Journal of Pharmaceutical Sciences</i> , 2011 , 47, 623-628	1.8	3
2	Enhancing counterfeit and illicit medicines grouping via feature selection and X-ray fluorescence spectrometry. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2019 , 174, 198-205	3.5	2
1	Wavenumber selection based on Singular Value Decomposition for sample classification. <i>Forensic Science International</i> , 2020 , 309, 110191	2.6	2