

Gabriela Vanini Costa

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.

23
papers

541
citations

13
h-index

23
g-index

25
ext. papers

639
ext. citations

4.5
avg, IF

3.33
L-index

#	Paper	IF	Citations
23	Understanding the molecular composition of petroleum and its distillation cuts. <i>Fuel</i> , 2021 , 311, 122594-7.1	7.1	1
22	Chemical and statistical analyses of blotter paper matrix drugs seized in the State of Rio de Janeiro. <i>Forensic Science International</i> , 2021 , 318, 110588	2.6	1
21	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
20	Rapid hydrocarbon group-type semi-quantification in crude oils by comprehensive two-dimensional gas chromatography. <i>Fuel</i> , 2018 , 220, 379-388	7.1	23
19	Comprehensive and multidimensional tools for crude oil property prediction and petrochemical industry refinery inferences. <i>Fuel</i> , 2018 , 223, 188-197	7.1	7
18	Analytical advanced techniques in the molecular-level characterization of Brazilian crude oils. <i>Microchemical Journal</i> , 2018 , 137, 111-118	4.8	21
17	PET glycolysis optimization using ionic liquid [Bmin]ZnCl ₃ as catalyst and kinetic evaluation. <i>Polimeros</i> , 2018 , 28, 450-459	1.6	6
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	Dendranthema grandiflorum, a hybrid ornamental plant, is a source of larvicidal compounds against Aedes aegypti larvae. <i>Revista Brasileira De Farmacognosia</i> , 2016 , 26, 342-346	2	8
14	Qualitative analysis of designer drugs by paper spray ionisation mass spectrometry (PSI-MS). <i>Analytical Methods</i> , 2016 , 8, 614-620	3.2	35
13	Characterization of thermal and catalytic pyrolysis bio-oils by high-resolution techniques: 1H NMR, GC-TOFMS and FT-ICR MS. <i>Journal of Analytical and Applied Pyrolysis</i> , 2016 , 117, 257-267	6	65
12	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
11	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
10	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
9	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
8	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
7	Secondary Metabolites from Leaves of Manilkara subsericea (Mart.) Dubard. <i>Pharmacognosy Magazine</i> , 2015 , 11, S533-7	0.8	6

6	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> , 2014 , 126, 85-95	7.1	31
5	FT-ICR MS analysis of asphaltenes: Asphaltenes go in, fullerenes come out. <i>Fuel</i> , 2014 , 131, 49-58	7.1	62
4	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> , 2014 , 118, 348-357	7.1	66
3	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> , 2014 , 117, 68-76	4.8	58
2	Analysis of gunshot residues produced by .38 caliber handguns using inductively coupled plasma-optical emission spectroscopy (ICP OES). <i>Microchemical Journal</i> , 2014 , 115, 106-112	4.8	15
1	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> , 2014 , 116, 216-224	4.8	12