Gilmare da Silva

List of Publications by Year
in descending order

25 papers	434 citations	759055 12 h-index	713332 21 g-index
25 all docs	25 docs citations	25 times ranked	642 citing authors

#	Article	IF	Citations
1	Exploratory analysis of the volatile profile of beers by HS–SPME–GC. Food Chemistry, 2008, 111, 1057-1063.	4.2	87
2	Simultaneous optimization by neuro-genetic approach for analysis of plant materials by laser induced breakdown spectroscopy. Spectrochimica Acta, Part B: Atomic Spectroscopy, 2009, 64, 565-572.	1.5	49
3	Experimental design employed to square wave voltammetry response optimization for the glyphosate determination. Journal of the Brazilian Chemical Society, 2004, 15, 865-871.	0.6	42
4	Simultaneous optimization by neuro-genetic approach of a multiresidue method for determination of pesticides in Passiflora alata infuses using headspace solid phase microextraction and gas chromatography. Journal of Chromatography A, 2007, 1138, 251-261.	1.8	31
5	Manganese ore tailing: Optimization of acid leaching conditions and recovery of soluble manganese. Journal of Environmental Management, 2015, 147, 314-320.	3.8	27
6	Neuro-genetic multioptimization of the determination of polychlorinated biphenyl congeners in human milk by headspace solid phase microextraction coupled to gas chromatography with electron capture detection. Analytica Chimica Acta, 2007, 585, 66-75.	2.6	25
7	Correlation of quantitative sensorial descriptors and chromatographic signals of beer using multivariate calibration strategies. Food Chemistry, 2012, 134, 1673-1681.	4.2	24
8	Application of Kohonen neural network to exploratory analyses of synchroton radiation x-ray fluorescence measurements of sunflower metalloproteins. X-Ray Spectrometry, 2007, 36, 122-129.	0.9	22
9	Chemometric approach to optimize the operational parameters of ESI for the determination of contaminants of emerging concern in aqueous matrices by LC-IT-TOF-HRMS. Microchemical Journal, 2014, 117, 242-249.	2.3	18
10	Distribution and bioavailability of arsenic in natural waters of a mining area studied by ultrafiltration and diffusive gradients in thin films. Chemosphere, 2016, 164, 290-298.	4.2	17
11	Effects of Fe(III) and quality of humic substances on As(V) distribution in freshwater: Use of ultrafiltration and Kohonen neural network. Chemosphere, 2017, 188, 208-217.	4.2	15
12	Electro-Deposition of Carbon Structures at Mid Voltage and Room Temperature Using Ethanol/Aqueous Solutions. Journal of the Electrochemical Society, 2012, 159, D159-D161.	1.3	14
13	Method development for simultaneous determination of polar and nonpolar pesticides in surface water by low-temperature partitioning extraction (LTPE) followed by HPLC-ESI-MS/MS. Environmental Science and Pollution Research, 2019, 26, 31609-31622.	2.7	14
14	Multivariate study of a novel hydrometallurgical route employing chloride/hypochlorite for leaching silver from printed circuit boards. Chemical Engineering Research and Design, 2020, 163, 115-124.	2.7	13
15	Application of Kohonen neural network for evaluation of the contamination of Brazilian breast milk with polychlorinated biphenyls. Talanta, 2013, 116, 315-321.	2.9	11
16	Polymeric microparticles for modified release of NPK in agricultural applications. Arabian Journal of Chemistry, 2020, 13, 2084-2095.	2.3	6
17	Chemical Fingerprint of Non-aged Artisanal Sugarcane Spirits Using Kohonen Artificial Neural Network. Food Analytical Methods, 2022, 15, 890-907.	1.3	6
18	Aplicação de análise multivariada no estudo da frequência de amostragem e do número de estações de monitoramento de qualidade da água. Engenharia Sanitaria E Ambiental, 2019, 24, 1013-1025.	0.1	5

#	Article	IF	Citations
19	Descriptive screening and lexicon development of nonâ€aged artisanal cachaÃ§a sensorial profile using principal component analysis and Kohonen artificial neural networks. Journal of Sensory Studies, 2021, 36, e12645.	0.8	4
20	Study of Analytical Techniques to Determine Chlorpyrifos in the Surface Waterways of the Rural Zone of Ouro Branco, Brazil: A Case Study. Water, Air, and Soil Pollution, 2016, 227, 1.	1.1	1
21	USE OF MULTIVARIATE EXPERIMENTAL DESIGNS FOR OPTIMIZING THE REDUCTIVE DEGRADATION OF AN AZO DYE IN THE PRESENCE OF REDOX MEDIATORS. Quimica Nova, 2014, , .	0.3	1
22	Application of a Multivariate Exploratory Analysis Technique in the Study of Dissolved Organic Matter and Metal Ions in Waters from the Eastern QuadrilÃ¡tero FerrÃfero, Brazil. Journal of the Brazilian Chemical Society, 2013, , .	0.6	1
23	MCR-ALS APPLIED TO THE QUANTITATIVE MONITORING OF THE ELECTRODEGRADATION PROCESS OF ATRAZINE USING UV SPECTRA: COMPARATIVE RESULTS WITH HPLC-DAD AS A REFERENCE METHOD. Quimica Nova, 2016, , .	0.3	1
24	OtimizaÃ§Ã£o multivariada de metodologia para digestÃ£o de micropartÃculas polimÃ©ricas carreadoras de cÃ¡tions metÃ¡licos. Quimica Nova, 0, , .	0.3	0
25	ProposiÃ§Ã£o de sistema de indicadores de desempenho operacional de estaÃ§Ãµes de tratamento de Ã¡gua Ã luz do prestador de serviÃ§o: aplicaÃ§Ã£o a cinco estaÃ§Ãµes de ciclo completo. Engenharia Sanitaria E Ambiental, 2018, 23, 1163-1172.	0.1	0