

Guilherme Lionello Alexandrino

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

416
citations

759233

12
h-index

752698

20
g-index

22
all docs

22
docs citations

22
times ranked

556
citing authors

#	ARTICLE	IF	CITATIONS
1	RGCxGC toolbox: An R-package for data processing in comprehensive two-dimensional gas chromatography-mass spectrometry. <i>Microchemical Journal</i> , 2020, 156, 104830.	4.5	23
2	Changes in the blood plasma lipidome associated with effective or poor response to atypical antipsychotic treatments in schizophrenia patients. <i>Progress in Neuro-Psychopharmacology and Biological Psychiatry</i> , 2020, 101, 109945.	4.8	18
3	GC-MS/MS nontarget fingerprinting of organic micropollutants in urban freshwater sediments. <i>Environmental Sciences Europe</i> , 2020, 32, .	5.5	15
4	Investigating weathering in light diesel oils using comprehensive two-dimensional gas chromatography-High resolution mass spectrometry and pixel-based analysis: Possibilities and limitations. <i>Journal of Chromatography A</i> , 2019, 1591, 155-161.	3.7	25
5	Forensic Investigations of Diesel Oil Spills in the Environment Using Comprehensive Two-Dimensional Gas Chromatography-High Resolution Mass Spectrometry and Chemometrics: New Perspectives in the Absence of Recalcitrant Biomarkers. <i>Environmental Science & Technology</i> , 2019, 53, 550-559.	10.0	35
6	Optimizing loop-type cryogenic modulation in comprehensive two-dimensional gas chromatography using time-variable combination of the dual-stage jets for analysis of crude oil. <i>Journal of Chromatography A</i> , 2018, 1536, 82-87.	3.7	10
7	Comprehensive two-dimensional gas chromatography-mass spectrometry combined with multivariate data analysis for pattern recognition in Ecuadorian spirits. <i>Chemistry Central Journal</i> , 2018, 12, 102.	2.6	8
8	The impact of comprehensive two-dimensional gas chromatography on oil & gas analysis: Recent advances and applications in petroleum industry. <i>TrAC - Trends in Analytical Chemistry</i> , 2018, 105, 202-217.	11.4	85
9	Blood-Based Lipidomics Approach to Evaluate Biomarkers Associated With Response to Olanzapine, Risperidone, and Quetiapine Treatment in Schizophrenia Patients. <i>Frontiers in Psychiatry</i> , 2018, 9, 209.	2.6	21
10	Comprehensive Two-Dimensional Gas Chromatography-Mass Spectrometry/Selected Ion Monitoring (GC-MS/SIM) and Chemometrics to Enhance Inter-Reservoir Geochemical Features of Crude Oils. <i>Energy & Fuels</i> , 2018, 32, 8017-8023.	5.1	8
11	Discriminating Lacustrine and Marine Organic Matter Depositional Paleoenvironments of Brazilian Crude Oils Using Comprehensive Two-Dimensional Gas Chromatography-Quadrupole Mass Spectrometry and Supervised Classification Chemometric Approaches. <i>Energy & Fuels</i> , 2017, 31, 170-178.	5.1	11
12	Unveiling multiple solid-state transitions in pharmaceutical solid dosage forms using multi-series hyperspectral imaging and different curve resolution approaches. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2017, 161, 136-146.	3.5	17
13	Classical Least Squares Combined with Spectral Interval Selection Using Genetic Algorithm for Prediction of Constituents in Pharmaceutical Solid Dosage Forms from near Infrared Chemical Imaging Data. <i>Journal of Near Infrared Spectroscopy</i> , 2016, 24, 157-169.	1.5	4
14	Discriminating Brazilian crude oils using comprehensive two-dimensional gas chromatography-mass spectrometry and multiway principal component analysis. <i>Journal of Chromatography A</i> , 2016, 1472, 99-106.	3.7	28
15	Near infrared hyperspectral imaging and MCR-ALS applied for mapping chemical composition of the wood specie <i>Swietenia Macrophylla</i> King (Mahogany) at microscopic level. <i>Microchemical Journal</i> , 2016, 124, 356-363.	4.5	22
16	Monitoring of multiple solid-state transformations at tablet surfaces using multi-series near-infrared hyperspectral imaging and multivariate curve resolution. <i>European Journal of Pharmaceutics and Biopharmaceutics</i> , 2015, 93, 224-230.	4.3	27
17	MULTIVARIATE CURVE RESOLUTION WITH ALTERNATING LEAST SQUARES: DESCRIPTION, OPERATION AND APLICATIONS. <i>Quimica Nova</i> , 2014, .	0.3	3
18	Study of the Homogeneity of Drug Loaded in Polymeric Films Using Near-Infrared Chemical Imaging and Split-Plot Design. <i>Journal of Pharmaceutical Sciences</i> , 2014, 103, 2356-2365.	3.3	3

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19	NIR imaging spectroscopy for quantification of constituents in polymers thin films loaded with paracetamol. <i>Analytica Chimica Acta</i> , 2013, 765, 37-44.	5.4	28
20	Spectroscopic (fluorescence, 1D-ROESY) and theoretical studies of the thiabendazole and β -cyclodextrin inclusion complex. <i>Journal of Inclusion Phenomena and Macrocyclic Chemistry</i> , 2013, 75, 93-99.	1.6	6
21	Review: Cyclodextrin Inclusion Complexes Probed by NMR Techniques. , 0, , .		19