

Leo Lebanov

List of Publications by Year in descending order

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Version: 2024-02-01

11
papers

128
citations

1307594

7
h-index

1281871

11
g-index

11
all docs

11
docs citations

11
times ranked

162
citing authors

#	ARTICLE	IF	CITATIONS
1	Random Forests machine learning applied to gas chromatography " Mass spectrometry derived average mass spectrum data sets for classification and characterisation of essential oils. <i>Talanta</i> , 2020, 208, 120471.	5.5	29
2	Multidimensional Gas Chromatography in Essential Oil Analysis. Part 2: Application to Characterisation and Identification. <i>Chromatographia</i> , 2019, 82, 399-414.	1.3	22
3	Multidimensional Gas Chromatography in Essential Oil Analysis. Part 1: Technical Developments. <i>Chromatographia</i> , 2019, 82, 377-398.	1.3	20
4	Data handling and data analysis in metabolomic studies of essential oils using GC-MS. <i>Journal of Chromatography A</i> , 2021, 1640, 461896.	3.7	17
5	Determination of acidity constants at 37 °C through the internal standard capillary electrophoresis (IS-CE) method: internal standards and application to polyprotic drugs. <i>Analyst</i> , The, 2020, 145, 5897-5904.	3.5	9
6	Radical scavenging activity and metabolomic profiling study of ylang-ylang essential oils based on high-performance thin-layer chromatography and multivariate statistical analysis. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2021, 1179, 122861.	2.3	9
7	Characterisation of complex perfume and essential oil blends using multivariate curve resolution-alternating least squares algorithms on average mass spectrum from GC-MS. <i>Talanta</i> , 2020, 219, 121208.	5.5	7
8	Comprehensive characterisation of ylang-ylang essential oils according to distillation time, origin, and chemical composition using a multivariate approach applied to average mass spectra and segmented average mass spectral data. <i>Journal of Chromatography A</i> , 2020, 1618, 460853.	3.7	7
9	Smartphone-based handheld Raman spectrometer and machine learning for essential oil quality evaluation. <i>Analytical Methods</i> , 2021, 13, 4055-4062.	2.7	3
10	Chemometric optimisation of enzymatic hydrolysis of beechwood xylan to target desired xylooligosaccharides. <i>Bioresource Technology</i> , 2022, 352, 127041.	9.6	3
11	Comparison of chemometric assisted targeted and untargeted approaches for the prediction of radical scavenging activity of ylang-ylang essential oils. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2022, 1191, 123093.	2.3	2