Samira Beyramysoltan

List of Publications by Year
in descending order

15 papers	419 citations	759055 12 h-index	996849 15 g-index
15 all docs	15 docs citations	15 times ranked	281 citing authors

#	Article	IF	Citations
1	A review of recent methods for the determination of ranges of feasible solutions resulting from soft modelling analyses of multivariate data. Analytica Chimica Acta, 2016, 911, 1-13.	2.6	118
2	Investigation of the equality constraint effect on the reduction of the rotational ambiguity in three-component system using a novel grid search method. Analytica Chimica Acta, 2013, 791, 25-35.	2.6	49
3	Definition and detection of data-based uniqueness in evaluating bilinear (two-way) chemical measurements. Analytica Chimica Acta, 2015, 855, 21-33.	2.6	46
4	Newer developments on self-modeling curve resolution implementing equality and unimodality constraints. Analytica Chimica Acta, 2014, 827, 1-14.	2.6	39
5	A chemometric strategy for forensic analysis of condom residues: Identification and marker profiling of condom brands from direct analysis in real time-high resolution mass spectrometric chemical signatures. Talanta, 2019, 194, 563-575.	2.9	33
6	Gelatin speciation using real-time PCR and analysis of mass spectrometry-based proteomics datasets. Food Control, 2018, 87, 79-87.	2.8	26
7	Distinguishing tissue origin of bovine gelatin in processed products using LC/MS technique in combination with chemometrics tools. Food Chemistry, 2020, 319, 126302.	4.2	21
8	Direct Analysis in Real Time-Mass Spectrometry and Kohonen Artificial Neural Networks for Species Identification of Larva, Pupa and Adult Life Stages of Carrion Insects. Analytical Chemistry, 2018, 90, 9206-9217.	3.2	18
9	Identification of the Species Constituents of Maggot Populations Feeding on Decomposing Remains—Facilitation of the Determination of Post Mortem Interval and Time Since Tissue Infestation through Application of Machine Learning and Direct Analysis in Real Time-Mass Spectrometry. Analytical Chemistry, 2020, 92, 5439-5446.	3.2	16
10	Closure constraint in multivariate curve resolution. Journal of Chemometrics, 2018, 32, e2975.	0.7	15
11	Call it a "nightshade"—A hierarchical classification approach to identification of hallucinogenic Solanaceae spp. using DART-HRMS-derived chemical signatures. Talanta, 2019, 204, 739-746.	2.9	14
12	Random Forest Processing of Direct Analysis in Real-Time Mass Spectrometric Data Enables Species Identification of Psychoactive Plants from Their Headspace Chemical Signatures. ACS Omega, 2019, 4, 15636-15644.	1.6	13
13	Workflow for the Supervised Learning of Chemical Data: Efficient Data Reduction-Multivariate Curve Resolution (EDR-MCR). Analytical Chemistry, 2021, 93, 5020-5027.	3.2	7
14	Fitting-free curve resolution of spectroscopic data: Chemometric and physical chemical viewpoints. Analytica Chimica Acta, 2015, 888, 19-26.	2.6	2
15	Revealing the presence of Tryptamine new psychoactive substances using fused "neutral loss" spectra derived from DART high-resolution mass spectra. Talanta, 2022, 246, 123417.	2.9	2