

# Samira Beyramysoltan

## 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.

15  
papers

322  
citations

9  
h-index

15  
g-index

15  
ext. papers

371  
ext. citations

6.2  
avg, IF

3.62  
L-index

#	Paper	IF	Citations
15	Revealing the presence of tryptamine new psychoactive substances using fused "neutral loss" spectra derived from DART high-resolution mass spectra.. <i>Talanta</i> , <b>2022</b> , 246, 123417	6.2	0
14	Workflow for the Supervised Learning of Chemical Data: Efficient Data Reduction-Multivariate Curve Resolution (EDR-MCR). <i>Analytical Chemistry</i> , <b>2021</b> , 93, 5020-5027	7.8	0
13	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. <i>Analytical Chemistry</i> , <b>2020</b> , 92, 5133-5141	7.8	9
12	Distinguishing tissue origin of bovine gelatin in processed products using LC/MS technique in combination with chemometrics tools. <i>Food Chemistry</i> , <b>2020</b> , 319, 126302	8.5	11
11	Random Forest Processing of Direct Analysis in Real-Time Mass Spectrometric Data Enables Species Identification of Psychoactive Plants from Their Headspace Chemical Signatures. <i>ACS Omega</i> , <b>2019</b> , 4, 15636-15644	3.9	6
10	Call it a "nightshade"-A hierarchical classification approach to identification of hallucinogenic Solanaceae spp. using DART-HRMS-derived chemical signatures. <i>Talanta</i> , <b>2019</b> , 204, 739-746	6.2	9
9	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. <i>Talanta</i> , <b>2019</b> , 194, 563-575	6.2	22
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. <i>Analytical Chemistry</i> , <b>2018</b> , 90, 9206-9217 <sup>15</sup>	7.8	15
7	Closure constraint in multivariate curve resolution. <i>Journal of Chemometrics</i> , <b>2018</b> , 32, e2975	1.6	11
6	Gelatin speciation using real-time PCR and analysis of mass spectrometry-based proteomics datasets. <i>Food Control</i> , <b>2018</b> , 87, 79-87	6.2	19
5	A review of recent methods for the determination of ranges of feasible solutions resulting from soft modelling analyses of multivariate data. <i>Analytica Chimica Acta</i> , <b>2016</b> , 911, 1-13	6.6	95
4	Fitting-free curve resolution of spectroscopic data: Chemometric and physical chemical viewpoints. <i>Analytica Chimica Acta</i> , <b>2015</b> , 888, 19-26	6.6	2
3	Definition and detection of data-based uniqueness in evaluating bilinear (two-way) chemical measurements. <i>Analytica Chimica Acta</i> , <b>2015</b> , 855, 21-33	6.6	42
2	Newer developments on self-modeling curve resolution implementing equality and unimodality constraints. <i>Analytica Chimica Acta</i> , <b>2014</b> , 827, 1-14	6.6	35
1	Investigation of the equality constraint effect on the reduction of the rotational ambiguity in three-component system using a novel grid search method. <i>Analytica Chimica Acta</i> , <b>2013</b> , 791, 25-35	6.6	46