

Ivana Stanimirova

List of Publications by Citations

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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.

27
papers

761
citations

15
h-index

27
g-index

28
ext. papers

831
ext. citations

4.6
avg, IF

3.66
L-index

#	Paper	IF	Citations
27	Tracing the geographical origin of honeys based on volatile compounds profiles assessment using pattern recognition techniques. <i>Food Chemistry</i> , 2010 , 118, 171-176	8.5	118
26	Environmetric modeling and interpretation of river water monitoring data. <i>Analytical and Bioanalytical Chemistry</i> , 2002 , 374, 898-905	4.4	89
25	Dealing with missing values and outliers in principal component analysis. <i>Talanta</i> , 2007 , 72, 172-8	6.2	86
24	Metabolomics provide new insights on lung cancer staging and discrimination from chronic obstructive pulmonary disease. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2014 , 100, 369-380	3.5	68
23	Start-to-end processing of two-dimensional gel electrophoretic images. <i>Journal of Chromatography A</i> , 2007 , 1158, 306-17	4.5	57
22	A comparison of positive matrix factorization and the weighted multivariate curve resolution method. Application to environmental data. <i>Environmental Science & Technology</i> , 2011 , 45, 10102-10	10.3	48
21	Multiple factor analysis in environmental chemistry. <i>Analytica Chimica Acta</i> , 2005 , 545, 1-12	6.6	38
20	Chemometric analysis of soil pollution data using the Tucker N-way method. <i>Analytical and Bioanalytical Chemistry</i> , 2006 , 385, 771-9	4.4	30
19	A study of the antioxidant properties of beers using electron paramagnetic resonance. <i>Food Chemistry</i> , 2013 , 141, 3042-9	8.5	28
18	Fusion of the H NMR data of serum, urine and exhaled breath condensate in order to discriminate chronic obstructive pulmonary disease and obstructive sleep apnea syndrome. <i>Metabolomics</i> , 2015 , 11, 1563-1574	4.7	26
17	Isotopic ratios to detect infringements of patents or proprietary processes of pharmaceuticals: two case studies. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2008 , 48, 27-41	3.5	21
16	Detection of discoloration in diesel fuel based on gas chromatographic fingerprints. <i>Analytical and Bioanalytical Chemistry</i> , 2015 , 407, 1159-70	4.4	18
15	How to construct a multiple regression model for data with missing elements and outlying objects. <i>Analytica Chimica Acta</i> , 2007 , 581, 324-32	6.6	18
14	Discrimination of biofilm samples using pattern recognition techniques. <i>Analytical and Bioanalytical Chemistry</i> , 2008 , 390, 1273-82	4.4	17
13	Wine authenticity verification as a forensic problem: an application of likelihood ratio test to label verification. <i>Food Chemistry</i> , 2014 , 150, 287-95	8.5	16
12	Multivariate statistical analysis of coastal sediment data. <i>Fresenius Journal of Analytical Chemistry</i> , 1999 , 365, 489-493		15
11	The effect of conjugated linoleic acids (CLA) supplementation on the activity of enzymes participating in the formation of arachidonic acid in liver microsomes of rats--probable mechanism of CLA anticancer activity. <i>Nutrition and Cancer</i> , 2015 , 67, 145-55	2.8	14

10	Classification of data with missing elements and outliers. <i>Talanta</i> , 2008 , 76, 602-9	6.2	14
9	Chemometrics in Analytical Chemistry Workflow. <i>Journal of AOAC INTERNATIONAL</i> , 2014 , 97, 1-2	1.7	10
8	Prediction of the hydrophilic antioxidant capacity of tomato pastes from the IR and fluorescence excitation-emission spectra of extracts and intact samples. <i>Talanta</i> , 2015 , 138, 64-70	6.2	8
7	Optimization of extraction based on the thin-layer chromatographic fingerprints of common thyme. <i>Journal of AOAC INTERNATIONAL</i> , 2014 , 97, 1274-81	1.7	8
6	Serum metabolomics approach to monitor the changes in metabolite profiles following renal transplantation. <i>Scientific Reports</i> , 2020 , 10, 17223	4.9	6
5	Chemometrics in Analytical Chemistry Workflow. <i>Journal of AOAC INTERNATIONAL</i> , 2014 , 97, 1-2	1.7	4
4	Studying the influence of enflurane, isoflurane, and sevoflurane on the DPPC lipid bilayer using the analysis of variance and parallel factor analysis. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2016 , 153, 146-152	3.8	1
3	Robust Methods in Analysis of Multivariate Food Chemistry Data. <i>Data Handling in Science and Technology</i> , 2013 , 315-340	2.7	1
2	Exploratory Analysis of Metabolomic Data. <i>Comprehensive Analytical Chemistry</i> , 2018 , 82, 227-264	1.9	1
1	Robust Methods in Qsar. <i>Challenges and Advances in Computational Chemistry and Physics</i> , 2010 , 177-208	0.7	1