Ivana Stanimirova

List of Publications by Year in Descending Order

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	Serum metabolomics approach to monitor the changes in metabolite profiles following renal transplantation. *Scientific Reports*, **2020**, 10, 17223	4.9	6
26	Exploratory Analysis of Metabolomic Data. *Comprehensive Analytical Chemistry*, **2018**, 82, 227-264	1.9	1
25	Studying the influence of enflurane, isoflurane, and sevoflurane on the DPPC lipid bilayer using the analysis of variance and parallel factor analysis. *Chemometrics and Intelligent Laboratory Systems*, **2016**, 153, 146-152	3.8	1
24	Prediction of the hydrophilic antioxidant capacity of tomato pastes from the IR and fluorescence excitation-emission spectra of extracts and intact samples. *Talanta*, **2015**, 138, 64-70	6.2	8
23	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. *Nutrition and Cancer*, **2015**, 67, 145-55	2.8	14
22	Detection of discoloration in diesel fuel based on gas chromatographic fingerprints. *Analytical and Bioanalytical Chemistry*, **2015**, 407, 1159-70	4.4	18
21	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. *Metabolomics*, **2015**, 11, 1563-1574	4.7	26
20	Metabolomics provide new insights on lung cancer staging and discrimination from chronic obstructive pulmonary disease. *Journal of Pharmaceutical and Biomedical Analysis*, **2014**, 100, 369-380	3.5	68
19	Wine authenticity verification as a forensic problem: an application of likelihood ratio test to label verification. *Food Chemistry*, **2014**, 150, 287-95	8.5	16
18	Optimization of extraction based on the thin-layer chromatographic fingerprints of common thyme. *Journal of AOAC INTERNATIONAL*, **2014**, 97, 1274-81	1.7	8
17	Chemometrics in Analytical Chemistry Workflow. *Journal of AOAC INTERNATIONAL*, **2014**, 97, 1-2	1.7	10
16	Chemometrics in Analytical Chemistry Workflow. *Journal of AOAC INTERNATIONAL*, **2014**, 97, 1-2	1.7	4
15	A study of the antioxidant properties of beers using electron paramagnetic resonance. *Food Chemistry*, **2013**, 141, 3042-9	8.5	28
14	Robust Methods in Analysis of Multivariate Food Chemistry Data. *Data Handling in Science and Technology*, **2013**, 315-340	2.7	1
13	A comparison of positive matrix factorization and the weighted multivariate curve resolution method. Application to environmental data. *Environmental Science & Technology*, **2011**, 45, 10102-10	10.3	48
12	Tracing the geographical origin of honeys based on volatile compounds profiles assessment using pattern recognition techniques. *Food Chemistry*, **2010**, 118, 171-176	8.5	118
11	Robust Methods in Qsar. *Challenges and Advances in Computational Chemistry and Physics*, **2010**, 177-208	0.7	1

List of Publications

10	Classification of data with missing elements and outliers. *Talanta*, **2008**, 76, 602-9	6.2	14
9	Discrimination of biofilm samples using pattern recognition techniques. *Analytical and Bioanalytical Chemistry*, **2008**, 390, 1273-82	4.4	17
8	Isotopic ratios to detect infringements of patents or proprietary processes of pharmaceuticals: two case studies. *Journal of Pharmaceutical and Biomedical Analysis*, **2008**, 48, 27-41	3.5	21
7	Start-to-end processing of two-dimensional gel electrophoretic images. *Journal of Chromatography A*, **2007**, 1158, 306-17	4.5	57
6	How to construct a multiple regression model for data with missing elements and outlying objects. *Analytica Chimica Acta*, **2007**, 581, 324-32	6.6	18
5	Dealing with missing values and outliers in principal component analysis. *Talanta*, **2007**, 72, 172-8	6.2	86
4	Chemometric analysis of soil pollution data using the Tucker N-way method. *Analytical and Bioanalytical Chemistry*, **2006**, 385, 771-9	4.4	30
3	Multiple factor analysis in environmental chemistry. *Analytica Chimica Acta*, **2005**, 545, 1-12	6.6	38
2	Environmetric modeling and interpretation of river water monitoring data. *Analytical and Bioanalytical Chemistry*, **2002**, 374, 898-905	4.4	89
1	Multivariate statistical analysis of coastal sediment data. *Fresenius Journal of Analytical Chemistry*, **1999**, 365, 489-493		15