Valeria A Lozano

List of Publications by Year
in descending order

21 papers	516 citations	623734 14 h-index	752698 20 g-index
21 all docs	21 docs citations	21 times ranked	487 citing authors

#	ARTICLE	IF	CITATIONS
1	Second-order advantage from kinetic-spectroscopic data matrices in the presence of extreme spectral overlapping. Analytica Chimica Acta, 2008, 614, 46-57.	5.4	52
2	Standard addition analysis of fluoroquinolones in human serum in the presence of the interferent salicylate using lanthanide-sensitized excitation-time decay luminescence data and multivariate curve resolution. Talanta, 2009, 77, 1715-1723.	5.5	48
3	Comparative chemometric analysis of fluorescence and near infrared spectroscopies for authenticity confirmation and geographical origin of Argentinean extra virgin olive oils. Food Control, 2019, 96, 22-28.	5.5	47
4	Four-way multivariate calibration using ultra-fast high-performance liquid chromatography with fluorescence excitation–emission detection. Application to the direct analysis of chlorophylls a and b and pheophytins a and b in olive oils. Chemometrics and Intelligent Laboratory Systems, 2013, 125, 121-131.	3.5	43
5	Three-way partial least-squares/residual bilinearization study of second-order lanthanide-sensitized luminescence excitation-time decay data. Analytica Chimica Acta, 2008, 610, 186-195.	5.4	37
6	Simultaneous determination of sorbic and benzoic acids in commercial juices using the PLS-2 multivariate calibration method and validation by high performance liquid chromatography. Talanta, 2007, 73, 282-286.	5.5	36
7	A novel second-order standard addition analytical method based on data processing with multidimensional partial least-squares and residual bilinearization. Analytica Chimica Acta, 2009, 651, 165-172.	5.4	31
8	Green analytical determination of emerging pollutants in environmental waters using excitation–emission photoinduced fluorescence data and multivariate calibration. Talanta, 2015, 134, 215-223.	5.5	30
9	Novel augmented parallel factor model for four-way calibration of high-performance liquid chromatography–fluorescence excitation–emission data. Chemometrics and Intelligent Laboratory Systems, 2015, 141, 1-11.	3.5	28
10	Second-Order Analyte Quantitation under Identical Profiles in One Data Dimension. A Dependency-Adapted Partial Least-Squares/Residual Bilinearization Method. Analytical Chemistry, 2010, 82, 4510-4519.	6.5	27
11	Simultaneous determination of quality parameters in yerba mate (Ilex paraguariensis) samples by application of near-infrared (NIR) spectroscopy and partial least squares (PLS). LWT - Food Science and Technology, 2020, 126, 109290.	5.2	26
12	Characterization of sildenafil citrate tablets of different sources by near infrared chemical imaging and chemometric tools. Journal of Pharmaceutical and Biomedical Analysis, 2013, 85, 207-212.	2.8	24
13	A novel nylon membrane–rhodamine 6G spirocyclic phenylthiosemicarbazide derivative system as a fluorimetric probe for mercury(ii) ion. Analytical Methods, 2012, 4, 2002.	2.7	20
14	Second-order advantage with excitation–emission photoinduced fluorimetry for the determination of the antiepileptic carbamazepine in environmental waters. Analytica Chimica Acta, 2013, 782, 37-45.	5.4	15
15	Development of a second-order standard addition fluorescence method for the direct determination of riboflavin in human urine samples without previous clean up and separation steps. Microchemical Journal, 2017, 133, 60-66.	4.5	14
16	Determination of ochratoxin A in coffee and tea samples by coupling second-order multivariate calibration and fluorescence spectroscopy. Talanta, 2020, 219, 121288.	5.5	11
17	On second-order calibration based on multivariate curve resolution in the presence of highly overlapped profiles. Analytica Chimica Acta, 2020, 1096, 53-60.	5.4	10
18	Simultaneous determination of urea herbicides in water and soil samples based on second-order photoinduced fluorescence data. Analytical Methods, 2016, 8, 7396-7404.	2.7	9

#	Article	IF	Citations
19	Chemometric tools for the characterisation of honey produced in La Pampa, Argentina, from their elemental content, using inductively coupled plasma optical emission spectrometry (ICP-OES). Journal of Apicultural Research, 2008, 47, 102-107.	1.5	5
20	A second-order fluorimetric approach based on a boron dipyrromethene tetraamide derivative for Hg(ii) chemosensing in water and fish samples. Analytical Methods, 2014, 6, 8535-8543.	2.7	3
21	Statistics and Food Quality. , 2021, , 362-386.		0