

Valeria A Lozano

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.

21
papers

431
citations

13
h-index

20
g-index

21
ext. papers

464
ext. citations

5.2
avg, IF

3.87
L-index

#	Paper	IF	Citations
21	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. <i>Talanta</i> , 2009 , 77, 1715-23	6.2	47
20	Second-order advantage from kinetic-spectroscopic data matrices in the presence of extreme spectral overlapping A multivariate curve resolution--alternating least-squares approach. <i>Analytica Chimica Acta</i> , 2008 , 614, 46-57	6.6	42
19	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. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2013 , 125, 121-131	3.8	38
18	Three-way partial least-squares/residual bilinearization study of second-order lanthanide-sensitized luminescence excitation-time decay data: analysis of benzoic acid in beverage samples. <i>Analytica Chimica Acta</i> , 2008 , 610, 186-95	6.6	35
17	Simultaneous determination of sorbic and benzoic acids in commercial juices using the PLS-2 multivariate calibration method and validation by high performance liquid chromatography. <i>Talanta</i> , 2007 , 73, 282-6	6.2	35
16	Comparative chemometric analysis of fluorescence and near infrared spectroscopies for authenticity confirmation and geographical origin of Argentinean extra virgin olive oils. <i>Food Control</i> , 2019 , 96, 22-28	6.2	34
15	A novel second-order standard addition analytical method based on data processing with multidimensional partial least-squares and residual bilinearization. <i>Analytica Chimica Acta</i> , 2009 , 651, 165-72	6.6	30
14	Green analytical determination of emerging pollutants in environmental waters using excitation-emission photoinduced fluorescence data and multivariate calibration. <i>Talanta</i> , 2015 , 134, 215-223	6.2	28
13	Second-order analyte quantitation under identical profiles in one data dimension. A dependency-adapted partial least-squares/residual bilinearization method. <i>Analytical Chemistry</i> , 2010 , 82, 4510-9	7.8	27
12	Novel augmented parallel factor model for four-way calibration of high-performance liquid chromatography fluorescence excitation-emission data. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2015 , 141, 1-11	3.8	21
11	Characterization of sildenafil citrate tablets of different sources by near infrared chemical imaging and chemometric tools. <i>Journal of Pharmaceutical and Biomedical Analysis</i> , 2013 , 85, 207-12	3.5	19
10	A novel nylon membrane-rhodamine 6G spirocyclic phenylthiosemicarbazide derivative system as a fluorimetric probe for mercury(II) ion. <i>Analytical Methods</i> , 2012 , 4, 2002	3.2	18
9	Simultaneous determination of quality parameters in yerba mate (<i>Ilex paraguariensis</i>) samples by application of near-infrared (NIR) spectroscopy and partial least squares (PLS). <i>LWT - Food Science and Technology</i> , 2020 , 126, 109290	5.4	14
8	Second-order advantage with excitation-emission photoinduced fluorimetry for the determination of the antiepileptic carbamazepine in environmental waters. <i>Analytica Chimica Acta</i> , 2013 , 782, 37-45	6.6	13
7	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. <i>Microchemical Journal</i> , 2017 , 133, 60-66	4.8	7
6	On second-order calibration based on multivariate curve resolution in the presence of highly overlapped profiles. <i>Analytica Chimica Acta</i> , 2020 , 1096, 53-60	6.6	7
5	Simultaneous determination of urea herbicides in water and soil samples based on second-order photoinduced fluorescence data. <i>Analytical Methods</i> , 2016 , 8, 7396-7404	3.2	6

4	Determination of ochratoxin A in coffee and tea samples by coupling second-order multivariate calibration and fluorescence spectroscopy. <i>Talanta</i> , 2020 , 219, 121288	6.2	4
3	A second-order fluorimetric approach based on a boron dipyrromethene tetraamide derivative for Hg(II) chemosensing in water and fish samples. <i>Analytical Methods</i> , 2014 , 6, 8535-8543	3.2	3
2	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). <i>Journal of Apicultural Research</i> , 2008 , 47, 102-107	2	3
1	Statistics and Food Quality 2021 , 362-386		