

Valeria A Lozano

List of Publications by Year in descending order

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Version: 2024-02-01

21
papers

516
citations

623574

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752573

20
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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. <i>Analytica Chimica Acta</i> , 2008, 614, 46-57.	2.6	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. <i>Talanta</i> , 2009, 77, 1715-1723.	2.9	48
3	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.	2.8	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. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2013, 125, 121-131.	1.8	43
5	Three-way partial least-squares/residual bilinearization study of second-order lanthanide-sensitized luminescence excitation-time decay data. <i>Analytica Chimica Acta</i> , 2008, 610, 186-195.	2.6	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. <i>Talanta</i> , 2007, 73, 282-286.	2.9	36
7	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, 165-172.	2.6	31
8	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.	2.9	30
9	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.	1.8	28
10	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, 4510-4519.	3.2	27
11	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.	2.5	26
12	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, 207-212.	1.4	24
13	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.	1.3	20
14	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.	2.6	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. <i>Microchemical Journal</i> , 2017, 133, 60-66.	2.3	14
16	Determination of ochratoxin A in coffee and tea samples by coupling second-order multivariate calibration and fluorescence spectroscopy. <i>Talanta</i> , 2020, 219, 121288.	2.9	11
17	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.	2.6	10
18	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.	1.3	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.	0.7	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.	1.3	3
21	Statistics and Food Quality. , 2021, , 362-386.		0