Miren Ostra

List of Publications by Year
in descending order

21 papers	295 citations	1039880 9 h-index	887953 17 g-index
21 all docs	21 docs citations	21 times ranked	392 citing authors

#	Article	IF	Citations
1	Simultaneous determination of color additives tartrazine and allura red in food products by digital image analysis. Talanta, 2018, 184, 58-64.	2.9	62
2	Study of a fluorometric-enzymatic method for bilirubin based on chemically modified bilirubin-oxidase and multivariate calibration. Talanta, 2002, 57, 343-353.	2.9	53
3	Detection limit estimator for multivariate calibration by an extension of the IUPAC recommendations for univariate methods. Analyst, The, 2008, 133, 532.	1.7	43
4	Determination of food colorants in a wide variety of food matrices by microemulsion electrokinetic capillary chromatography. Considerations on the found concentrations and regulated consumption limits. Food Chemistry, 2018, 262, 129-133.	4.2	19
5	Optimization and validation of a nonaqueous micellar electrokinetic chromatography method for determination of polycyclic musks in perfumes. Journal of Separation Science, 2012, 35, 1344-1350.	1.3	18
6	Polyphenolic profile in cider and antioxidant power. Journal of the Science of Food and Agriculture, 2015, 95, 2931-2943.	1.7	14
7	Determination of additives in an electrolytic zinc bath by q1H-NMR spectroscopy. Analytical and Bioanalytical Chemistry, 2010, 398, 1085-1094.	1.9	10
8	Simultaneous determination of food colorants in liquid samples by UVâ€Visible spectroscopy and multivariate data analysis using a reduced calibration matrix. Journal of Chemometrics, 2019, 33, e3176.	0.7	10
9	Additive Determination in an Electrolytic Zinc Bath by UV-Visible Spectroscopy and Multivariate Calibration. Journal of the Electrochemical Society, 2008, 155, D480.	1.3	9
10	Quantitative determination of additives in a commercial electroplatingnickel bath by spectrophotometry and multivariate analysis. Analytical Methods, 2010, 2, 86-92.	1.3	9
11	pH measurement and phosphate determination in pharmaceutical eye drops for eye diseases by digital image analysis. Microchemical Journal, 2021, 162, 105854.	2.3	8
12	Multicomponent determinations by partial least-squares regression analysis of fast-reaction multiwavelength profiles obtained by continuous addition of a reagent. Talanta, 2002, 58, 569-578.	2.9	7
13	Interference modelling, experimental design and pre-concentration steps in validation of the Fenton's reagent for pesticides determination. Analytica Chimica Acta, 2007, 584, 228-235.	2.6	7
14	Quantitative nuclear magnetic resonance for additives determination in an electrolytic nickel bath. Analytical and Bioanalytical Chemistry, 2011, 399, 1907-1915.	1.9	7
15	Gas chromatography with flame ionization detection for determination of additives in an electrolytic Zn bath. Journal of Chromatography A, 2012, 1256, 246-252.	1.8	5
16	Analytical control of nickel coating baths by digital image analysis. Microchemical Journal, 2020, 154, 104600.	2.3	5
17	Multicomponent determinations using addition-generated reagent profiles and partial least squares regression. Analytica Chimica Acta, 2005, 535, 287-295.	2.6	3
18	The bromination of acetone. Application to multicomponent kinetic determinations. Analytical and Bioanalytical Chemistry, 2002, 372, 347-351.	1.9	2

#	Article	IF	Citations
19	The acetylsalicylic acid-bromine system for multicomponent kinetic determinations. Analytical and Bioanalytical Chemistry, 2002, 374, 915-922.	1.9	2
20	Uncertainty in CCD detectors with and without cooling devices when used for molecular fluorescence measurements. Analytical Methods, 2015, 7, 2379-2385.	1.3	2
21	Process Analytical Chemistry in a Zinc Electroplating Bath: Automatic Sequential Injection for Additives Determination. Journal of the Electrochemical Society, 2012, 159, H899-H904.	1.3	0