Diego Airado

List of Publications by Year in Descending Order

31 papers	731 citations	14 h-index	27 g-index
31 ext. papers	821 ext. citations	5.7 avg, IF	4.11 L-index

#	Paper	IF	Citations
31	Sustainable Development: Use of Agricultural Waste Materials for Vanillic Acid Recovery from Wastewater. *Sustainability*, **2022**, 14, 2818	3.6	
30	Impact of an Active Learning Methodology on Students Emotions and Self-Efficacy Beliefs towards the Learning of Chemical Reactions The Case of Secondary Education Students. *Education Sciences*, **2022**, 12, 347	2.2	0
29	Emotional performance on physics and chemistry learning: the case of Spanish K-9 and K-10 students. *International Journal of Science Education*, **2021**, 43, 823-843	2.2	5
28	Detailed Emotional Profile of Secondary Education Students Toward Learning Physics and Chemistry. *Frontiers in Psychology*, **2021**, 12, 659009	3.4	
27	Front-face fluorescence excitation-emission matrices in combination with three-way chemometrics for the discrimination and prediction of phenolic response to vineyard agronomic practices. *Food Chemistry*, **2019**, 270, 162-172	8.5	9
26	Revalorization of agro-industrial effluents based on gallic acid recovery through a novel anionic resin. *Chemical Engineering Research and Design*, **2018**, 115, 17-26	5.5	8
25	Rapid and Nondestructive Determination of Aleurone Content in Pearling Fractions of Barley by Near-Infrared (NIR) and Fluorescence Spectroscopies. *Journal of Agricultural and Food Chemistry*, **2017**, 65, 1813-1821	5.7	4
24	Experimental design for optimization of olive mill wastewater final purification with Dowex Marathon C and Amberlite IRA-67 ion exchange resins. *Journal of Industrial and Engineering Chemistry*, **2016**, 34, 224-232	6.3	16
23	Comparison between different ion exchange resins combinations for final treatment of olive mill effluent. *Separation and Purification Technology*, **2016**, 158, 374-382	8.3	11
22	Advances in the application of chemiluminescence detection in liquid chromatography. *TrAC - Trends in Analytical Chemistry*, **2016**, 75, 35-48	14.6	27
21	Applications of capillary electrophoresis with chemiluminescence detection in clinical, environmental and food analysis. A review. *Analytica Chimica Acta*, **2016**, 913, 22-40	6.6	46
20	Performance and Perception in the Flipped Learning Model: An Initial Approach to Evaluate the Effectiveness of a New Teaching Methodology in a General Science Classroom. *Journal of Science Education and Technology*, **2016**, 25, 450-459	2.8	105
19	Evaluation of the combination of micellar electrokinetic capillary chromatography with sweeping and cation selective exhaustive injection for the determination of 5-nitroimidazoles in egg samples. *Food Chemistry*, **2016**, 213, 215-222	8.5	9
18	Determination of sulfonamides in serum by on-line solid-phase extraction coupled to liquid chromatography with photoinduced fluorescence detection. *Talanta*, **2015**, 138, 258-262	6.2	18
17	Development of an ultrasensitive stacking technique for 5-nitroimidazole determination in untreated biological fluids by micellar electrokinetic chromatography. *Electrophoresis*, **2015**, 36, 2538-41	3.6	5
16	A Comprehensive Application To Assist in Acid Base Titration Self-Learning: An Approach for High School and Undergraduate Students. *Journal of Chemical Education*, **2015**, 92, 855-863	2.4	16
15	Ultrasensitive analysis of lysergic acid diethylamide and its C-8 isomer in hair by capillary zone electrophoresis in combination with a stacking technique and laser induced fluorescence detection. *Analytica Chimica Acta*, **2015**, 866, 90-98	6.6	8

14	Novel cation selective exhaustive injection-sweeping procedure for 5-nitroimidazole determination in waters by micellar electrokinetic chromatography using dispersive liquid-liquid microextraction. *Journal of Chromatography A*, **2014**, 1341, 65-72	4.5	28
13	From multispectral imaging of autofluorescence to chemical and sensory images of lipid oxidation in cod caviar paste. *Talanta*, **2014**, 122, 70-9	6.2	11
12	Methods of Analysis of Opium Alkaloids **2013**, 1069-1120		1
11	Cereal β-glucan quantification with calcofluor-application to cell culture supernatants. *Carbohydrate Polymers*, **2012**, 90, 1564-72	10.3	12
10	Dispersive liquid-liquid microextraction prior to field-amplified sample injection for the sensitive analysis of 3,4-methylenedioxymethamphetamine, phencyclidine and lysergic acid diethylamide by capillary electrophoresis in human urine. *Journal of Chromatography A*, **2012**, 1267, 189-97	4.5	33
9	Effect of naturally occurring tetrapyrroles on photooxidation in cow's milk. *Journal of Agricultural and Food Chemistry*, **2011**, 59, 3905-14	5.7	17
8	Front-face fluorescence spectroscopy: A new tool for control in the wine industry. *Journal of Food Composition and Analysis*, **2011**, 24, 257-264	4.1	93
7	Sensitized synchronous fluorimetric determination of trans-resveratrol and trans-piceid in red wine based on their immobilization on nylon membranes. *Talanta*, **2010**, 82, 1733-41	6.2	14
6	Assessment of the quality attributes of cod caviar paste by means of front-face fluorescence spectroscopy. *Journal of Agricultural and Food Chemistry*, **2010**, 58, 5276-85	5.7	23
5	Determination of trans-resveratrol in red wine by adsorptive stripping square-wave voltammetry with medium exchange. *Food Chemistry*, **2010**, 122, 1320-1326	8.5	27
4	Comprehensive two-dimensional liquid chromatography to quantify polyphenols in red wines. *Journal of Chromatography A*, **2009**, 1216, 7483-7	4.5	69
3	Usefulness of fluorescence excitation-emission matrices in combination with PARAFAC, as fingerprints of red wines. *Journal of Agricultural and Food Chemistry*, **2009**, 57, 1711-20	5.7	94
2	Post-column on-line photochemical derivatization for the direct isocratic-LC-FLD analysis of resveratrol and piceid isomers in wine. *Food Chemistry*, **2008**, 109, 825-33	8.5	9
1	Isocratic chromatography of resveratrol and piceid after previous generation of fluorescent photoproducts: wine analysis without sample preparation. *Journal of Separation Science*, **2007**, 30, 3110-9	3.4	13