# Diego Airado

## List of Publications by Citations



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| 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 | 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 |
| 30 | 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 |
| 29 | 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 |
| 28 | Comprehensive two-dimensional liquid chromatography to quantify polyphenols in red wines. *Journal of Chromatography A*, **2009**, 1216, 7483-7 | 4.5 | 69 |
| 27 | 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 |
| 26 | 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 |
| 25 | 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 |
| 24 | Advances in the application of chemiluminescence detection in liquid chromatography. *TrAC - Trends in Analytical Chemistry*, **2016**, 75, 35-48 | 14.6 | 27 |
| 23 | 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 |
| 22 | 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 |
| 21 | 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 |
| 20 | Effect of naturally occurring tetrapyrroles on photooxidation in cow's milk. *Journal of Agricultural and Food Chemistry*, **2011**, 59, 3905-14 | 5.7 | 17 |
| 19 | 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 |
| 18 | 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 |
| 17 | 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 |
| 16 | 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 |
| 15 | Cereal β-glucan quantification with calcofluor-application to cell culture supernatants. *Carbohydrate Polymers*, **2012**, 90, 1564-72 | 10.3 | 12 |

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| 14 | 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 |
| 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 | 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 |
| 11 | 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 |
| 10 | 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 |
| 9 | 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 |
| 8 | 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 |
| 7 | 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 |
| 6 | 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 |
| 5 | 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 |
| 4 | Methods of Analysis of Opium Alkaloids **2013**, 1069-1120 | | 1 |
| 3 | 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 |
| 2 | Detailed Emotional Profile of Secondary Education Students Toward Learning Physics and Chemistry. *Frontiers in Psychology*, **2021**, 12, 659009 | 3.4 | |
| 1 | Sustainable Development: Use of Agricultural Waste Materials for Vanillic Acid Recovery from Wastewater. *Sustainability*, **2022**, 14, 2818 | 3.6 | |