

# Mrcio Jos Coelho Pontes

## 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

1,421  
citations

16  
h-index

21  
g-index

21  
ext. papers

1,586  
ext. citations

5.6  
avg, IF

3.97  
L-index

#	Paper	IF	Citations
21	A method for calibration and validation subset partitioning. <i>Talanta</i> , <b>2005</b> , 67, 736-40	6.2	527
20	The successive projections algorithm for spectral variable selection in classification problems. <i>Chemometrics and Intelligent Laboratory Systems</i> , <b>2005</b> , 78, 11-18	3.8	133
19	NIR spectrometric determination of quality parameters in vegetable oils using iPLS and variable selection. <i>Food Research International</i> , <b>2008</b> , 41, 341-348	7	97
18	Classification of Brazilian soils by using LIBS and variable selection in the wavelet domain. <i>Analytica Chimica Acta</i> , <b>2009</b> , 642, 12-8	6.6	96
17	UV-Vis spectrometric classification of coffees by SPAD-DA. <i>Food Chemistry</i> , <b>2010</b> , 119, 368-371	8.5	69
16	Classification of blue pen ink using infrared spectroscopy and linear discriminant analysis. <i>Microchemical Journal</i> , <b>2013</b> , 109, 122-127	4.8	67
15	Near infrared reflectance spectrometry classification of cigarettes using the successive projections algorithm for variable selection. <i>Talanta</i> , <b>2009</b> , 79, 1260-4	6.2	65
14	Detection of adulteration in hydrated ethyl alcohol fuel using infrared spectroscopy and supervised pattern recognition methods. <i>Talanta</i> , <b>2012</b> , 93, 129-34	6.2	53
13	Screening analysis to detect adulteration in diesel/biodiesel blends using near infrared spectrometry and multivariate classification. <i>Talanta</i> , <b>2011</b> , 85, 2159-65	6.2	46
12	An application of subbagging for the improvement of prediction accuracy of multivariate calibration models. <i>Chemometrics and Intelligent Laboratory Systems</i> , <b>2006</b> , 81, 60-67	3.8	43
11	Classification of edible vegetable oils using square wave voltammetry with multivariate data analysis. <i>Talanta</i> , <b>2009</b> , 77, 1660-6	6.2	42
10	Using near-infrared overtone regions to determine biodiesel content and adulteration of diesel/biodiesel blends with vegetable oils. <i>Analytica Chimica Acta</i> , <b>2012</b> , 716, 101-7	6.6	36
9	Classification of cereal bars using near infrared spectroscopy and linear discriminant analysis. <i>Food Research International</i> , <b>2013</b> , 51, 924-928	7	26
8	Classification of edible vegetable oil using digital image and pattern recognition techniques. <i>Microchemical Journal</i> , <b>2014</b> , 113, 10-16	4.8	24
7	Determining the quality of insulating oils using near infrared spectroscopy and wavelength selection. <i>Microchemical Journal</i> , <b>2011</b> , 98, 254-259	4.8	22
6	An electroanalytical method to detect adulteration of ethanol fuel by using multivariate analysis. <i>Electrochimica Acta</i> , <b>2013</b> , 111, 160-164	6.7	16
5	Near-infrared spectrometric determination of dipyrone in closed ampoules. <i>Talanta</i> , <b>2012</b> , 92, 84-6	6.2	16

4	Standardization of NIR data to identify adulteration in ethanol fuel. <i>Microchemical Journal</i> , <b>2016</b> , 124, 121-126	4.8	12
3	Calibration transfer of flour NIR spectra between benchtop and portable instruments. <i>Analytical Methods</i> , <b>2017</b> , 9, 3184-3190	3.2	12
2	Determination of naphtha composition by near infrared spectroscopy and multivariate regression to control steam cracker processes. <i>Fuel Processing Technology</i> , <b>2015</b> , 131, 230-237	7.2	12
1	Near infrared reflectance spectrometry classification of lettuce using linear discriminant analysis. <i>Analytical Methods</i> , <b>2015</b> , 7, 1890-1895	3.2	7