

# Mãrcio Josã© Coelho Pontes

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1697179/publications.pdf>

Version: 2024-02-01

21  
papers

1,729  
citations

471061

17  
h-index

713013

21  
g-index

21  
all docs

21  
docs citations

21  
times ranked

1558  
citing authors

#	ARTICLE	IF	CITATIONS
1	Calibration transfer of flour NIR spectra between benchtop and portable instruments. <i>Analytical Methods</i> , 2017, 9, 3184-3190.	1.3	13
2	Standardization of NIR data to identify adulteration in ethanol fuel. <i>Microchemical Journal</i> , 2016, 124, 121-126.	2.3	20
3	Near infrared reflectance spectrometry classification of lettuce using linear discriminant analysis. <i>Analytical Methods</i> , 2015, 7, 1890-1895.	1.3	8
4	Determination of naphtha composition by near infrared spectroscopy and multivariate regression to control steam cracker processes. <i>Fuel Processing Technology</i> , 2015, 131, 230-237.	3.7	14
5	Classification of edible vegetable oil using digital image and pattern recognition techniques. <i>Microchemical Journal</i> , 2014, 113, 10-16.	2.3	28
6	An electroanalytical method to detect adulteration of ethanol fuel by using multivariate analysis. <i>Electrochimica Acta</i> , 2013, 111, 160-164.	2.6	16
7	Classification of cereal bars using near infrared spectroscopy and linear discriminant analysis. <i>Food Research International</i> , 2013, 51, 924-928.	2.9	34
8	Classification of blue pen ink using infrared spectroscopy and linear discriminant analysis. <i>Microchemical Journal</i> , 2013, 109, 122-127.	2.3	79
9	Near-infrared spectrometric determination of dipyrone in closed ampoules. <i>Talanta</i> , 2012, 92, 84-86.	2.9	17
10	Detection of adulteration in hydrated ethyl alcohol fuel using infrared spectroscopy and supervised pattern recognition methods. <i>Talanta</i> , 2012, 93, 129-134.	2.9	58
11	Using near-infrared overtone regions to determine biodiesel content and adulteration of diesel/biodiesel blends with vegetable oils. <i>Analytica Chimica Acta</i> , 2012, 716, 101-107.	2.6	40
12	Screening analysis to detect adulteration in diesel/biodiesel blends using near infrared spectrometry and multivariate classification. <i>Talanta</i> , 2011, 85, 2159-2165.	2.9	48
13	Determining the quality of insulating oils using near infrared spectroscopy and wavelength selection. <i>Microchemical Journal</i> , 2011, 98, 254-259.	2.3	27
14	UV-Vis spectrometric classification of coffees by SPA-LDA. <i>Food Chemistry</i> , 2010, 119, 368-371.	4.2	83
15	Classification of Brazilian soils by using LIBS and variable selection in the wavelet domain. <i>Analytica Chimica Acta</i> , 2009, 642, 12-18.	2.6	106
16	Classification of edible vegetable oils using square wave voltammetry with multivariate data analysis. <i>Talanta</i> , 2009, 77, 1660-1666.	2.9	48
17	Near infrared reflectance spectrometry classification of cigarettes using the successive projections algorithm for variable selection. <i>Talanta</i> , 2009, 79, 1260-1264.	2.9	73
18	NIR spectrometric determination of quality parameters in vegetable oils using iPLS and variable selection. <i>Food Research International</i> , 2008, 41, 341-348.	2.9	108

#	ARTICLE	IF	CITATIONS
19	An application of subagging for the improvement of prediction accuracy of multivariate calibration models. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2006, 81, 60-67.	1.8	50
20	The successive projections algorithm for spectral variable selection in classification problems. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2005, 78, 11-18.	1.8	148
21	A method for calibration and validation subset partitioning. <i>Talanta</i> , 2005, 67, 736-740.	2.9	711