

Juan Antonio Fernández Pierna

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9552797/publications.pdf>

Version: 2024-02-01

10
papers

242
citations

1307594

7
h-index

1474206

9
g-index

10
all docs

10
docs citations

10
times ranked

292
citing authors

#	ARTICLE	IF	CITATIONS
1	Calibration Transfer from Dispersive Instruments to Handheld Spectrometers. <i>Applied Spectroscopy</i> , 2010, 64, 644-648.	2.2	49
2	Evaluation of a handheld ultra-compact NIR spectrometer for rapid and non-destructive determination of apple fruit quality. <i>Postharvest Biology and Technology</i> , 2021, 172, 111375.	6.0	45
3	Authentication of cocoa (<i>Theobroma cacao</i>) bean hybrids by NIR-hyperspectral imaging and chemometrics. <i>Food Control</i> , 2020, 118, 107445.	5.5	43
4	Discrimination between durum and common wheat kernels using near infrared hyperspectral imaging. <i>Journal of Cereal Science</i> , 2018, 84, 74-82.	3.7	38
5	NIR fingerprint screening for early control of non-conformity at feed mills. <i>Food Chemistry</i> , 2015, 189, 2-12.	8.2	24
6	Local partial least squares based on global PLS scores. <i>Journal of Chemometrics</i> , 2019, 33, e3117.	1.3	24
7	NIR hyperspectral imaging spectroscopy and chemometrics for the discrimination of roots and crop residues extracted from soil samples. <i>Journal of Chemometrics</i> , 2018, 32, e2982.	1.3	11
8	Local anomaly detection and quantitative analysis of contaminants in soybean meal using near infrared imaging: The example of non-protein nitrogen. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 225, 117494.	3.9	4
9	Continuous statistical modelling in characterisation of complex hydrocolloid mixtures using near infrared spectroscopy. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2020, 196, 103910.	3.5	2
10	Quantification of leghaemoglobin content in pea nodules based on near infrared hyperspectral imaging spectroscopy and chemometrics. <i>Journal of Spectral Imaging</i> , 0, , .	0.0	2