

Ana Herrero-Langreo

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

711
citations

1040056

9
h-index

996975

15
g-index

22
all docs

22
docs citations

22
times ranked

1014
citing authors

#	ARTICLE	IF	CITATIONS
1	High-resolution UAV-based thermal imaging to estimate the instantaneous and seasonal variability of plant water status within a vineyard. <i>Agricultural Water Management</i> , 2017, 183, 49-59.	5.6	202
2	Close range hyperspectral imaging of plants: A review. <i>Biosystems Engineering</i> , 2017, 164, 49-67.	4.3	197
3	Comparison of multispectral indexes extracted from hyperspectral images for the assessment of fruit ripening. <i>Journal of Food Engineering</i> , 2011, 104, 612-620.	5.2	57
4	Examination of the quality of spinach leaves using hyperspectral imaging. <i>Postharvest Biology and Technology</i> , 2013, 85, 8-17.	6.0	53
5	Detection and Quantification of Peanut Traces in Wheat Flour by near Infrared Hyperspectral Imaging Spectroscopy Using Principal-Component Analysis. <i>Journal of Near Infrared Spectroscopy</i> , 2015, 23, 15-22.	1.5	52
6	Combination of optical and non-destructive mechanical techniques for the measurement of maturity in peach. <i>Journal of Food Engineering</i> , 2012, 108, 150-157.	5.2	35
7	Spectral imaging for characterization and detection of plastic substances in branded teabags. <i>Journal of Hazardous Materials</i> , 2021, 418, 126328.	12.4	31
8	Mapping Grapevine (<i>Vitis vinifera</i> L.) Water Status during the Season Using Carbon Isotope Ratio ($\delta^{13}C$) as Ancillary Data. <i>American Journal of Enology and Viticulture</i> , 2013, 64, 307-315.	1.7	21
9	Multispectral Vision for Monitoring Peach Ripeness. <i>Journal of Food Science</i> , 2011, 76, E178-87.	3.1	15
10	Test of sampling methods to optimize the calibration of vine water status spatial models. <i>Precision Agriculture</i> , 2018, 19, 365-378.	6.0	8
11	Using spatial information for evaluating the quality of prediction maps from hyperspectral images: A geostatistical approach. <i>Analytica Chimica Acta</i> , 2019, 1077, 116-128.	5.4	7
12	Assessment of Internal and External Quality of Fruits and Vegetables. <i>Food Engineering Series</i> , 2016, , 269-309.	0.7	5
13	Hyperspectral imaging for food-related microbiology applications. <i>Data Handling in Science and Technology</i> , 2019, 32, 493-522.	3.1	5
14	Comparison of spectral selection methods in the development of classification models from visible near infrared hyperspectral imaging data. <i>Journal of Spectral Imaging</i> , 0, , .	0.0	5
15	Characterisation and Classification of Foodborne Bacteria Using Reflectance FTIR Microscopic Imaging. <i>Molecules</i> , 2021, 26, 6318.	3.8	5
16	Raman and Fourier transform infrared hyperspectral imaging to study dairy residues on different surface. <i>Journal of Spectral Imaging</i> , 0, , .	0.0	4
17	Deep learning classifiers for near infrared spectral imaging: a tutorial. <i>Journal of Spectral Imaging</i> , 0, , .	0.0	3
18	Comparison of portable spectral imaging (443-726nm) and RGB imaging for predicting poultry product cause-by-status through packaging film. <i>Journal of Spectral Imaging</i> , 0, , .	0.0	2

#	ARTICLE	IF	CITATIONS
19	Effect of the Architecture of Fiber-Optic Probes Designed for Soluble Solid Content Prediction in Intact Sugar Beet Slices. <i>Sensors</i> , 2019, 19, 2995.	3.8	1
20	Orthogonal Projection As A Spectral Pre-Treatment Method To Reduce The Interference Of Polystyrene Signal In Nir Imaging Of Agar On Petri-Dishes. , 2019, , .		1
21	Comparison Of Vis-Nir (400-1,000 Nm) And Nir (978-1,678 Nm) Hyperspectral Imaging For Discrimination Between Fresh And Previously Frozen Poultry. , 2019, , .		1
22	Hyperspectral to multispectral imaging for detection of tree nuts and peanut traces in wheat flour. <i>Journal of Spectral Imaging</i> , 0, , .	0.0	1