

# Ana Herrero-Langreo

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/8740648/publications.pdf>

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	Spectral imaging for characterization and detection of plastic substances in branded teabags. Journal of Hazardous Materials, 2021, 418, 126328.	12.4	31
2	Characterisation and Classification of Foodborne Bacteria Using Reflectance FTIR Microscopic Imaging. Molecules, 2021, 26, 6318.	3.8	5
3	Effect of the Architecture of Fiber-Optic Probes Designed for Soluble Solid Content Prediction in Intact Sugar Beet Slices. Sensors, 2019, 19, 2995.	3.8	1
4	Using spatial information for evaluating the quality of prediction maps from hyperspectral images: A geostatistical approach. Analytica Chimica Acta, 2019, 1077, 116-128.	5.4	7
5	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
6	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
7	Hyperspectral imaging for food-related microbiology applications. Data Handling in Science and Technology, 2019, 32, 493-522.	3.1	5
8	Test of sampling methods to optimize the calibration of vine water status spatial models. Precision Agriculture, 2018, 19, 365-378.	6.0	8
9	Close range hyperspectral imaging of plants: A review. Biosystems Engineering, 2017, 164, 49-67.	4.3	197
10	High-resolution UAV-based thermal imaging to estimate the instantaneous and seasonal variability of plant water status within a vineyard. Agricultural Water Management, 2017, 183, 49-59.	5.6	202
11	Assessment of Internal and External Quality of Fruits and Vegetables. Food Engineering Series, 2016, , 269-309.	0.7	5
12	Detection and Quantification of Peanut Traces in Wheat Flour by near Infrared Hyperspectral Imaging Spectroscopy Using Principal-Component Analysis. Journal of Near Infrared Spectroscopy, 2015, 23, 15-22.	1.5	52
13	Examination of the quality of spinach leaves using hyperspectral imaging. Postharvest Biology and Technology, 2013, 85, 8-17.	6.0	53
14	Mapping Grapevine ( <i>Vitis vinifera</i> L.) Water Status during the Season Using Carbon Isotope Ratio ( $\delta^{13}C$ ) as Ancillary Data. American Journal of Enology and Viticulture, 2013, 64, 307-315.	1.7	21
15	Combination of optical and non-destructive mechanical techniques for the measurement of maturity in peach. Journal of Food Engineering, 2012, 108, 150-157.	5.2	35
16	Multispectral Vision for Monitoring Peach Ripeness. Journal of Food Science, 2011, 76, E178-87.	3.1	15
17	Comparison of multispectral indexes extracted from hyperspectral images for the assessment of fruit ripening. Journal of Food Engineering, 2011, 104, 612-620.	5.2	57
18	Hyperspectral to multispectral imaging for detection of tree nuts and peanut traces in wheat flour. Journal of Spectral Imaging, 0, , .	0.0	1

#	ARTICLE	IF	CITATIONS
19	Raman and Fourier transform infrared hyperspectral imaging to study dairy residues on different surface. Journal of Spectral Imaging, 0, , .	0.0	4
20	Comparison of spectral selection methods in the development of classification models from visible near infrared hyperspectral imaging data. Journal of Spectral Imaging, 0, , .	0.0	5
21	Comparison of portable spectral imaging (443â€“726â€“nm) and RGB imaging for predicting poultry product â€œuse-byâ€“status through packaging film. Journal of Spectral Imaging, 0, , .	0.0	2
22	Deep learning classifiers for near infrared spectral imaging: a tutorial. Journal of Spectral Imaging, 0, , .	0.0	3