

# Haiyan Ji

## List of Publications by Year in descending order

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14  
papers

216  
citations

1040056

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1372567

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docs citations

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times ranked

105  
citing authors

#	ARTICLE	IF	CITATIONS
1	Discrimination of unsound wheat kernels based on deep convolutional generative adversarial network and near-infrared hyperspectral imaging technology. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2022, 268, 120722.	3.9	25
2	Nondestructive identification of barley seeds varieties using hyperspectral data from two sides of barley seeds. <i>Journal of Food Process Engineering</i> , 2021, 44, e13769.	2.9	3
3	Identification of soybean varieties based on hyperspectral imaging technology and one-dimensional convolutional neural network. <i>Journal of Food Process Engineering</i> , 2021, 44, e13767.	2.9	25
4	Identification of rice-weevil ( <i>Sitophilus oryzae</i> L.) damaged wheat kernels using multi-angle NIR hyperspectral data. <i>Journal of Cereal Science</i> , 2021, 101, 103313.	3.7	11
5	Hyperspectral imaging technology combined with deep forest model to identify frost-damaged rice seeds. <i>Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy</i> , 2020, 229, 117973.	3.9	47
6	Non-destructive identification of slightly sprouted wheat kernels using hyperspectral data on both sides of wheat kernels. <i>Biosystems Engineering</i> , 2020, 200, 188-199.	4.3	26
7	Determination of moisture content in barley seeds based on hyperspectral imaging technology. <i>Spectroscopy Letters</i> , 2020, 53, 751-762.	1.0	11
8	Hyperspectral imaging technology combined with multivariate data analysis to identify heat-damaged rice seeds. <i>Spectroscopy Letters</i> , 2020, 53, 207-221.	1.0	14
9	Identification of wheat grain in different states based on hyperspectral imaging technology. <i>Spectroscopy Letters</i> , 2019, 52, 356-366.	1.0	24
10	NIR Hyperspectral Imaging Technology Combined with Multivariate Methods to Study the Residues of Different Concentrations of Omethoate on Wheat Grain Surface. <i>Sensors</i> , 2019, 19, 3147.	3.8	26
11	Development of portable plant components measurement instrument based on near-infrared spectroscopy. , 2012, , .		1
12	Quantitative Analysis the Protein of Millet by Artificial Neural Network and Fourier Coefficients of Near Infrared Diffuse Reflectance Spectroscopy. , 2007, , .		1
13	The Application Study of Apple Color Grading by Particle Swarm Optimization Neural Networks. , 2006, , .		2
14	Design of Portable LED-based NIR Integrity Wheat Component Intelligent Measuring Apparatus. , 2006, , .		0