

# Xujun Ye

## List of Publications by Year in descending order

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Version: 2024-02-01

31  
papers

528  
citations

759233

12  
h-index

642732

23  
g-index

33  
all docs

33  
docs citations

33  
times ranked

620  
citing authors

#	ARTICLE	IF	CITATIONS
1	A novel spatially resolved interactance spectroscopy system to estimate degree of red coloration in red-fleshed apple. <i>Scientific Reports</i> , 2021, 11, 21982.	3.3	2
2	Estimation and mapping of nitrogen content in apple trees at leaf and canopy levels using hyperspectral imaging. <i>Precision Agriculture</i> , 2020, 21, 198-225.	6.0	52
3	Rapid and non-destructive assessment of nutritional status in apple trees using a new smartphone-based wireless crop scanner system. <i>Computers and Electronics in Agriculture</i> , 2020, 173, 105417.	7.7	5
4	Rapid determination of lycopene content and fruit grading in tomatoes using a smart device camera. <i>Cogent Engineering</i> , 2018, 5, 1504499.	2.2	8
5	Effects of molding pressures on physical and chemical changes in Bio-coke produced from wood biomass. <i>Journal of the Society of Materials Engineering for Resources of Japan</i> , 2018, 29, 7-11.	0.2	1
6	Estimation of the degree of red coloration in flesh of a red-fleshed apple cultivar "Kurenai no Yume" with a UV-vis-NIR interactance device. <i>Postharvest Biology and Technology</i> , 2017, 124, 128-136.	6.0	5
7	A new modified resource budget model for nonlinear dynamics in citrus production. <i>Chaos, Solitons and Fractals</i> , 2016, 87, 51-60.	5.1	15
8	Monitoring of bacterial contamination on chicken meat surface using a novel narrowband spectral index derived from hyperspectral imagery data. <i>Meat Science</i> , 2016, 122, 25-31.	5.5	39
9	Nondestructive monitoring of chicken meat freshness using hyperspectral imaging technology. , 2015, , .		2
10	Application of Hyperspectral Imaging in Agriculture. <i>Kyokai Joho Imeji Zasshi/Journal of the Institute of Image Information and Television Engineers</i> , 2015, 69, 464-469.	0.1	4
11	Limited and time-delayed internal resource allocation generates oscillations and chaos in the dynamics of citrus crops. <i>Chaos</i> , 2013, 23, 043124.	2.5	6
12	Application of portable hyper-spectral camera in andisols soil nitrogen assessment. , 2013, , .		0
13	Estimation and visualizaion of nitrogen content in citrus canopy using hyperspectral imagery. , 2013, , .		0
14	Fruit Yield Estimation Through Multispectral Imaging. , 2012, , 453-473.		2
15	Application of airborne hyperspectral imagery to estimating fruit yield in citrus. , 2011, , .		1
16	Monitoring of ATP and viable cells on meat surface by UV-vis reflectance spectrum analysis. <i>Journal of Food Engineering</i> , 2011, 107, 262-267.	5.2	15
17	Estimation of citrus yield from canopy spectral features determined by airborne hyperspectral imagery. <i>International Journal of Remote Sensing</i> , 2009, 30, 4621-4642.	2.9	16
18	Non-Destructive Sensing of Atp Content as A Potential Indicator of Freshness of Spinach by Vis/Nir Spectroscopy. <i>International Journal of Optomechatronics</i> , 2009, 3, 30-40.	6.6	0

#	ARTICLE	IF	CITATIONS
19	Application of visible/near infrared spectroscopy and chemometric calibrations for variety discrimination of instant milk teas. <i>Journal of Food Engineering</i> , 2009, 93, 127-133.	5.2	38
20	Application of narrow-band TBVI in estimating fruit yield in citrus. <i>Biosystems Engineering</i> , 2008, 99, 179-189.	4.3	21
21	Potential of airborne hyperspectral imagery to estimate fruit yield in citrus. <i>Chemometrics and Intelligent Laboratory Systems</i> , 2008, 90, 132-144.	3.5	44
22	A ground-based hyperspectral imaging system for characterizing vegetation spectral features. <i>Computers and Electronics in Agriculture</i> , 2008, 63, 13-21.	7.7	41
23	Spatial autocorrelation in masting phenomena of <i>Quercus serrata</i> detected by multi-spectral imaging. <i>Ecological Modelling</i> , 2008, 215, 217-224.	2.5	9
24	Airborne hyperspectral imaging for estimating acorn yield based on the PLS B-matrix calibration technique. <i>Ecological Informatics</i> , 2008, 3, 237-244.	5.2	8
25	Inter-Relationships Between Canopy Features and Fruit Yield in Citrus as Detected by Airborne Multispectral Imagery. <i>Transactions of the ASABE</i> , 2008, 51, 739-751.	1.1	12
26	Use of airborne multispectral imagery to discriminate and map weed infestations in a citrus orchard. <i>Weed Biology and Management</i> , 2007, 7, 23-30.	1.4	13
27	Prediction of citrus yield from airborne hyperspectral imagery. <i>Precision Agriculture</i> , 2007, 8, 111-125.	6.0	63
28	Estimation of citrus yield from airborne hyperspectral images using a neural network model. <i>Ecological Modelling</i> , 2006, 198, 426-432.	2.5	54
29	Airborne hyperspectral imaging for investigating the dynamics of alternate bearing in citrus. <i>Agricultural Information Research</i> , 2005, 14, 261-272.	0.2	5
30	Participatory Assessment and Planning Approach: Conceptual and Process Issues. <i>Agroecology and Sustainable Food Systems</i> , 2002, 20, 89-111.	0.9	4
31	The ecological agriculture movement in modern China. <i>Agriculture, Ecosystems and Environment</i> , 2002, 92, 261-281.	5.3	40