

Bo Li

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

939
citations

566801

15
h-index

676716

22
g-index

25
all docs

25
docs citations

25
times ranked

1063
citing authors

#	ARTICLE	IF	CITATIONS
1	Above-ground biomass estimation and yield prediction in potato by using UAV-based RGB and hyperspectral imaging. ISPRS Journal of Photogrammetry and Remote Sensing, 2020, 162, 161-172.	4.9	240
2	Advances in Non-Destructive Early Assessment of Fruit Ripeness towards Defining Optimal Time of Harvest and Yield Prediction—A Review. Plants, 2018, 7, 3.	1.6	116
3	The estimation of crop emergence in potatoes by UAV RGB imagery. Plant Methods, 2019, 15, 15.	1.9	86
4	The age estimation of blood stains up to 30days old using visible wavelength hyperspectral image analysis and linear discriminant analysis. Science and Justice - Journal of the Forensic Science Society, 2013, 53, 270-277.	1.3	68
5	A novel 3D imaging system for strawberry phenotyping. Plant Methods, 2017, 13, 93.	1.9	57
6	Application of hyperspectral imaging for nondestructive measurement of plum quality attributes. Postharvest Biology and Technology, 2018, 141, 8-15.	2.9	50
7	The application of visible wavelength reflectance hyperspectral imaging for the detection and identification of blood stains. Science and Justice - Journal of the Forensic Science Society, 2014, 54, 432-438.	1.3	36
8	The Use of Arbuscular Mycorrhizal Fungi to Improve Strawberry Production in Coir Substrate. Frontiers in Plant Science, 2016, 7, 1237.	1.7	35
9	Detection of Powdery Mildew in Two Winter Wheat Plant Densities and Prediction of Grain Yield Using Canopy Hyperspectral Reflectance. PLoS ONE, 2015, 10, e0121462.	1.1	28
10	The non-contact detection and identification of blood stained fingerprints using visible wavelength reflectance hyperspectral imaging: Part 1. Science and Justice - Journal of the Forensic Science Society, 2016, 56, 181-190.	1.3	26
11	The estimation of the age of a blood stain using reflectance spectroscopy with a microspectrophotometer, spectral pre-processing and linear discriminant analysis. Forensic Science International, 2011, 212, 198-204.	1.3	25
12	Age Determination of Blood-Stained Fingerprints Using Visible Wavelength Reflectance Hyperspectral Imaging. Journal of Imaging, 2018, 4, 141.	1.7	22
13	Rapid, automated detection of stem canker symptoms in woody perennials using artificial neural network analysis. Plant Methods, 2015, 11, 57.	1.9	21
14	The non-contact detection and identification of blood stained fingerprints using visible wavelength hyperspectral imaging: Part II effectiveness on a range of substrates. Science and Justice - Journal of the Forensic Science Society, 2016, 56, 191-200.	1.3	21
15	Defining strawberry shape uniformity using 3D imaging and genetic mapping. Horticulture Research, 2020, 7, 115.	2.9	19
16	Identifying Verticillium dahliae Resistance in Strawberry Through Disease Screening of Multiple Populations and Image Based Phenotyping. Frontiers in Plant Science, 2019, 10, 924.	1.7	18
17	A comparison of visible wavelength reflectance hyperspectral imaging and Acid Black 1 for the detection and identification of blood stained fingerprints. Science and Justice - Journal of the Forensic Science Society, 2016, 56, 247-255.	1.3	15
18	Genomic Informed Breeding Strategies for Strawberry Yield and Fruit Quality Traits. Frontiers in Plant Science, 2021, 12, 724847.	1.7	14

#	ARTICLE	IF	CITATIONS
19	The novel use of proximal photogrammetry and terrestrial LiDAR to quantify the structural complexity of orchard trees. <i>Precision Agriculture</i> , 2020, 21, 473-483.	3.1	13
20	Quantitative potato tuber phenotyping by 3D imaging. <i>Biosystems Engineering</i> , 2021, 210, 48-59.	1.9	12
21	Genetic and phenotypic associations between root architecture, arbuscular mycorrhizal fungi colonisation and low phosphate tolerance in strawberry (<i>Fragaria Ananassa</i>). <i>BMC Plant Biology</i> , 2020, 20, 154.	1.6	10
22	A comparison between visible wavelength hyperspectral imaging and digital photography for the detection and identification of bloodstained footwear marks. <i>Journal of Forensic Sciences</i> , 2021, 66, 2424-2437.	0.9	4