

Junfeng Gao

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

600
citations

1163117

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h-index

1474206

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g-index

11
all docs

11
docs citations

11
times ranked

628
citing authors

#	ARTICLE	IF	CITATIONS
1	Tea chrysanthemum detection under unstructured environments using the TC-YOLO model. Expert Systems With Applications, 2022, 193, 116473.	7.6	27
2	Tea Chrysanthemum Detection by Leveraging Generative Adversarial Networks and Edge Computing. Frontiers in Plant Science, 2022, 13, 850606.	3.6	2
3	Computer Vision and Less Complex Image Analyses to Monitor Potato Traits in Fields. Methods in Molecular Biology, 2021, 2354, 273-299.	0.9	0
4	Automatic late blight lesion recognition and severity quantification based on field imagery of diverse potato genotypes by deep learning. Knowledge-Based Systems, 2021, 214, 106723.	7.1	46
5	Deep convolutional neural networks for image-based Convolvulus sepium detection in sugar beet fields. Plant Methods, 2020, 16, 29.	4.3	110
6	Automated spectral feature extraction from hyperspectral images to differentiate weedy rice and barnyard grass from a rice crop. Computers and Electronics in Agriculture, 2019, 159, 42-49.	7.7	39
7	Recognising weeds in a maize crop using a random forest machine-learning algorithm and near-infrared snapshot mosaic hyperspectral imagery. Biosystems Engineering, 2018, 170, 39-50.	4.3	119
8	Fusion of pixel and object-based features for weed mapping using unmanned aerial vehicle imagery. International Journal of Applied Earth Observation and Geoinformation, 2018, 67, 43-53.	2.8	76
9	Localization and Classification of Paddy Field Pests using a Saliency Map and Deep Convolutional Neural Network. Scientific Reports, 2016, 6, 20410.	3.3	124
10	Application of hyperspectral imaging technology to discriminate different geographical origins of Jatropha curcas L. seeds. Computers and Electronics in Agriculture, 2013, 99, 186-193.	7.7	56