

Xiong Juntao

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	Citrus fruits maturity detection in natural environments based on convolutional neural networks and visual saliency map. Precision Agriculture, 2022, 23, 1515-1531.	6.0	23
2	Holstein Cattle Face Re-Identification Unifying Global and Part Feature Deep Network with Attention Mechanism. Animals, 2022, 12, 1047.	2.3	7
3	Compare the performance of multiple binary classification models in microbial high-throughput sequencing datasets. Science of the Total Environment, 2022, 837, 155807.	8.0	5
4	A litchi fruit recognition method in a natural environment using RGB-D images. Biosystems Engineering, 2021, 204, 50-63.	4.3	45
5	A Method of Green Citrus Detection in Natural Environments Using a Deep Convolutional Neural Network. Frontiers in Plant Science, 2021, 12, 705737.	3.6	18
6	Citrus Fruits Harvesting Sequence Planning Method Based on Visual Attention Mechanism : A Novel Cognition Framework for Citrus Picking Robots. , 2021, , .		2
7	A shadow detection and removal method for fruit recognition in natural environments. Precision Agriculture, 2020, 21, 782-801.	6.0	7
8	A visual detection method for nighttime litchi fruits and fruiting stems. Computers and Electronics in Agriculture, 2020, 169, 105192.	7.7	82
9	Semantic Segmentation of Litchi Branches Using DeepLabV3+ Model. IEEE Access, 2020, 8, 164546-164555.	4.2	56
10	A method of green citrus detection based on a deep bounding box regression forest. Biosystems Engineering, 2020, 193, 206-215.	4.3	13
11	Colored rice quality inspection system using machine vision. Journal of Cereal Science, 2019, 88, 87-95.	3.7	53
12	A Micro-Damage Detection Method of Litchi Fruit Using Hyperspectral Imaging Technology. Sensors, 2018, 18, 700.	3.8	20
13	Green Grape Detection and Picking-Point Calculation in a Night-Time Natural Environment Using a Charge-Coupled Device (CCD) Vision Sensor with Artificial Illumination. Sensors, 2018, 18, 969.	3.8	27