

Yong-zong Lu

List of Publications by Year in descending order

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17
papers

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1684188
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#	ARTICLE	IF	CITATIONS
1	Detection and assessment of nitrogen effect on cold tolerance for tea by hyperspectral reflectance with PLSR, PCR, and LM models. <i>Information Processing in Agriculture</i> , 2021, 8, 96-104.	4.1	4
2	Parametric Surface Modelling for Tea Leaf Point Cloud Based on Non-Uniform Rational Basis Spline Technique. <i>Sensors</i> , 2021, 21, 1304.	3.8	1
3	Design of Structural Parameters of Cutters for Tea Harvest Based on Biomimetic Methodology. <i>Applied Bionics and Biomechanics</i> , 2021, 2021, 1-8.	1.1	3
4	A Review of Methods and Techniques for Detecting Frost on Plant Surfaces. <i>Agriculture (Switzerland)</i> , 2021, 11, 1142.	3.1	2
5	Structural analysis on cutting notch of tea stalk by X-ray micro-computed tomography. <i>Information Processing in Agriculture</i> , 2020, 7, 242-248.	4.1	1
6	An Improved Correction Method of Nighttime Light Data Based on EVI and WorldPop Data. <i>Remote Sensing</i> , 2020, 12, 3988.	4.0	9
7	Prediction of Radiation Frost Using Support Vector Machines Based on Micrometeorological Data. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 283.	2.5	5
8	Soil Water Infiltration Model for Sprinkler Irrigation Control Strategy: A Case for Tea Plantation in Yangtze River Region. <i>Agriculture (Switzerland)</i> , 2019, 9, 206.	3.1	1
9	Tea leaf's microstructure and ultrastructure response to low temperature in indicating critical damage temperature. <i>Information Processing in Agriculture</i> , 2019, 6, 247-254.	4.1	12
10	Artificial Radiation Frost Chamber for Frost Formation on Tea. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4726.	2.5	4
11	<i>Design and experiment on artificial radiation-frost chamber based on temperature difference between leaves and air dew point</i>. , 2018, , .		0
12	Modification of Water Application Rates and Intermittent Control for Sprinkler Frost Protection. <i>Transactions of the ASABE</i> , 2018, 61, 1277-1285.	1.1	9
13	<i>Design and Experiment of Tea Leaf Classifier</i>. , 2018, , .		0
14	A review of air disturbance technology for plant frost protection. <i>International Journal of Agricultural and Biological Engineering</i> , 2018, 11, 21-28.	0.6	10
15	Consistency of electrical and physiological properties of tea leaves on indicating critical cold temperature. <i>Biosystems Engineering</i> , 2017, 159, 89-96.	4.3	24
16	<i>Temperature variability during frost event on different terrain of tea fields</i>. , 2017, , .		0
17	Design of capacitance measurement module for determining critical cold temperature of tea leaves. <i>Sensing and Bio-Sensing Research</i> , 2016, 11, 26-32.	4.2	3