

# Yong-zong Lu

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2913486/publications.pdf>

Version: 2024-02-01

17  
papers

88  
citations

1684188  
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1474206  
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docs citations

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times ranked

85  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	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
3	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
4	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
5	An Improved Correction Method of Nighttime Light Data Based on EVI and WorldPop Data. <i>Remote Sensing</i> , 2020, 12, 3988.	4.0	9
6	Prediction of Radiation Frost Using Support Vector Machines Based on Micrometeorological Data. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 283.	2.5	5
7	Artificial Radiation Frost Chamber for Frost Formation on Tea. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4726.	2.5	4
8	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
9	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
10	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
11	A Review of Methods and Techniques for Detecting Frost on Plant Surfaces. <i>Agriculture (Switzerland)</i> , 2021, 11, 1142.	3.1	2
12	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
13	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
14	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
15	&lt;i>Temperature variability during frost event on different terrain of tea fields&lt;/i>, 2017, .		0
16	&lt;i>Design and experiment on artificial radiation-frost chamber based on temperature difference between leaves and air dew point&lt;/i>, 2018, .		0
17	&lt;i>Design and Experiment of Tea Leaf Classifier&lt;/i>, 2018, .		0