

Libin Wang

List of Publications by Year in descending order

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Version: 2024-02-01

27
papers

358
citations

933447

10
h-index

888059

17
g-index

28
all docs

28
docs citations

28
times ranked

290
citing authors

#	ARTICLE	IF	CITATIONS
1	Characterization of the glutathione S-transferase (GST) gene family in <i>Pyrus bretschneideri</i> and their expression pattern upon superficial scald development. <i>Plant Growth Regulation</i> , 2018, 86, 211-222.	3.4	36
2	Slenderness Ratio Effect on Eccentric Compression Properties of Parallel Bamboo Strand Lumber Columns. <i>Journal of Structural Engineering</i> , 2019, 145, .	3.4	34
3	Genome-wide analysis of polygalacturonase gene family from pear genome and identification of the member involved in pear softening. <i>BMC Plant Biology</i> , 2019, 19, 587.	3.6	29
4	Analytical model of concrete-filled FRP-steel composite tube columns under cyclic axial compression. <i>Soil Dynamics and Earthquake Engineering</i> , 2020, 139, 106414.	3.8	27
5	Characterization of the Genes Involved in Malic Acid Metabolism from Pear Fruit and Their Expression Profile after Postharvest 1-MCP/Ethrel Treatment. <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 8772-8782.	5.2	25
6	Experimental investigations of concrete-filled steel tubular columns confined with high-strength steel wire. <i>Advances in Structural Engineering</i> , 2019, 22, 2771-2784.	2.4	24
7	Equivalent continuum modeling of beam-like truss structures with flexible joints. <i>Acta Mechanica Sinica/Lixue Xuebao</i> , 2019, 35, 1067-1078.	3.4	18
8	An exploratory study of composite cross-laminated timber (CCLT) made from bamboo and hemlock-fir mix. <i>BioResources</i> , 2019, 14, 2160-2170.	1.0	17
9	Seismic response of self-centering precast concrete frames with hysteretic dampers. <i>Structural Design of Tall and Special Buildings</i> , 2019, 28, e1604.	1.9	15
10	Establishment of a rapid method for skipjack tuna (<i>Katsuwonus pelamis</i>) authentication using molecular beacons in loop-mediated isothermal amplification. <i>Food Chemistry</i> , 2022, 382, 132365.	8.2	12
11	Reliability-Based Maintenance Strategy for Gusset Plate Connections in Steel Bridges Based on Life-Cost Optimization. <i>Journal of Performance of Constructed Facilities</i> , 2020, 34, .	2.0	11
12	Performance evaluation of a novel cross-laminated timber made from flattened bamboo and wood lumber. <i>BioResources</i> , 2021, 16, 5187-5202.	1.0	11
13	Characterization of genes involved in pear ascorbic acid metabolism and their response to bagging treatment during 'Yali'™ fruit development. <i>Scientia Horticulturae</i> , 2021, 285, 110178.	3.6	11
14	Preliminary evaluation of a density-based lumber grading method for hem-fir CLT manufacturing. <i>European Journal of Wood and Wood Products</i> , 2021, 79, 967-975.	2.9	10
15	Identification and characterization of invertase family genes reveal their roles in vacuolar sucrose metabolism during <i>Pyrus bretschneideri</i> Rehd. fruit development. <i>Genomics</i> , 2021, 113, 1087-1097.	2.9	10
16	Investigation of proline in superficial scald development during low temperature storage of 'Dangshansuli'™ pear fruit. <i>Postharvest Biology and Technology</i> , 2021, 181, 111643.	6.0	9
17	Changes in flavor-relevant compounds during vine ripening of tomato fruit and their relationship with ethylene production. <i>Horticulture Environment and Biotechnology</i> , 2018, 59, 787-804.	2.1	8
18	Real-time Loop-Mediated Isothermal Amplification (LAMP) Using Self-quenching Fluorogenic Probes: the Application in Skipjack Tuna (<i>Katsuwonus pelamis</i>) Authentication. <i>Food Analytical Methods</i> , 2022, 15, 658-665.	2.6	8

#	ARTICLE	IF	CITATIONS
19	Post-harvest Application of Methyl Jasmonate or Prohydrojasmon Affects Color Development and Anthocyanins Biosynthesis in Peach by Regulation of Sucrose Metabolism. <i>Frontiers in Nutrition</i> , 2022, 9, 871467.	3.7	8
20	Roles of C-Repeat Binding Factors-Dependent Signaling Pathway in Jasmonates-Mediated Improvement of Chilling Tolerance of Postharvest Horticultural Commodities. <i>Journal of Food Quality</i> , 2018, 2018, 1-15.	2.6	7
21	Identification and comparative analysis of the MCU gene family in pear and its functions during fruit ripening. <i>Journal of Plant Physiology</i> , 2018, 229, 53-62.	3.5	6
22	Electro-elastic field of a piezoelectric quasicrystal medium containing two cylindrical inclusions. <i>Acta Mechanica</i> , 2021, 232, 2513-2533.	2.1	5
23	Probabilistic Assessment Approach of the Aerostatic Instability of Long-Span Symmetry Cable-Stayed Bridges. <i>Symmetry</i> , 2021, 13, 2413.	2.2	5
24	Balance Fatigue Design of Cast Steel Nodes in Tubular Steel Structures. <i>Scientific World Journal</i> , The, 2013, 2013, 1-10.	2.1	4
25	Bonding Behaviors of GFRP/Steel Bonded Joints after Wet and Dry Cyclic and Hygrothermal Curing. <i>Applied Sciences (Switzerland)</i> , 2020, 10, 5411.	2.5	3
26	Experimental Study on Earthquake Resilience of Low-Damage Self-Centering Precast Concrete Frame Connections. <i>Journal of Earthquake Engineering</i> , 2022, 26, 6847-6868.	2.5	3
27	Design optimization of low-damage self-centering precast concrete frame connections to improve energy dissipation capacity. <i>Structural Design of Tall and Special Buildings</i> , 2021, 30, e1850.	1.9	2