

Bing Han

List of Publications by Year in descending order

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29
papers

980
citations

567144

15
h-index

580701

25
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33
all docs

33
docs citations

33
times ranked

1446
citing authors

#	ARTICLE	IF	CITATIONS
1	Mechanisms of Plant Salt Response: Insights from Proteomics. <i>Journal of Proteome Research</i> , 2012, 11, 49-67.	1.8	340
2	Genome-Wide Identification, Evolutionary Analysis, and Stress Responses of the GRAS Gene Family in Castor Beans. <i>International Journal of Molecular Sciences</i> , 2016, 17, 1004.	1.8	65
3	Microtubule Motors Power Plasma Membrane Tubulation in Clathrin-Independent Endocytosis. <i>Traffic</i> , 2015, 16, 572-590.	1.3	52
4	Molecular architecture of the human caveolin-1 complex. <i>Science Advances</i> , 2022, 8, eabn7232.	4.7	49
5	Characterization of a caveolin-1 mutation associated with both pulmonary arterial hypertension and congenital generalized lipodystrophy. <i>Traffic</i> , 2016, 17, 1297-1312.	1.3	48
6	Differential expression networks and inheritance patterns of long non-coding RNA in castor bean seeds. <i>Plant Journal</i> , 2018, 95, 324-340.	2.8	43
7	Isobaric Tags for Relative and Absolute Quantification-based Comparative Proteomics Reveals the Features of Plasma Membrane-Associated Proteomes of Pollen Grains and Pollen Tubes from <i>Lilium davidii</i> . <i>Journal of Integrative Plant Biology</i> , 2010, 52, 1043-1058.	4.1	37
8	A disease-associated frameshift mutation in caveolin-1 disrupts caveolae formation and function through introduction of a de novo ER retention signal. <i>Molecular Biology of the Cell</i> , 2017, 28, 3095-3111.	0.9	37
9	Gene structure, expression pattern and interaction of Nuclear Factor-Y family in castor bean (<i>Ricinus</i>). <i>Trends in Plant Science</i> , 2014, 19, 107-114.	1.6	32
10	Changes and Associations of Genomic Transcription and Histone Methylation with Salt Stress in Castor Bean. <i>Plant and Cell Physiology</i> , 2020, 61, 1120-1133.	1.5	32
11	Genomic insights into the origin, domestication and genetic basis of agronomic traits of castor bean. <i>Genome Biology</i> , 2021, 22, 113.	3.8	32
12	Overexpression of Caveolin-1 Is Sufficient to Phenocopy the Behavior of a Disease-Associated Mutant. <i>Traffic</i> , 2013, 14, 663-677.	1.3	28
13	Assembly and Turnover of Caveolae: What Do We Really Know?. <i>Frontiers in Cell and Developmental Biology</i> , 2016, 4, 68.	1.8	28
14	Tagging Strategies Strongly Affect the Fate of Overexpressed Caveolin-1. <i>Traffic</i> , 2015, 16, 417-438.	1.3	24
15	Structure and assembly of CAV1 8S complexes revealed by single particle electron microscopy. <i>Science Advances</i> , 2020, 6, .	4.7	23
16	Meta-Analysis of Microarray-Based Expression Profiles to Identify Differentially Expressed Genes in Intracranial Aneurysms. <i>World Neurosurgery</i> , 2017, 97, 661-668.e7.	0.7	14
17	Application of a high-resolution genetic map for chromosome-scale genome assembly and fine QTLs mapping of seed size and weight traits in castor bean. <i>Scientific Reports</i> , 2019, 9, 11950.	1.6	14
18	Caveolin-1 is an aggresome-inducing protein. <i>Scientific Reports</i> , 2016, 6, 38681.	1.6	11

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19	Genomic Characterization and Expressional Profiles of Autophagy-Related Genes (ATGs) in Oilseed Crop Castor Bean (<i>Ricinus communis</i> L.). <i>International Journal of Molecular Sciences</i> , 2020, 21, 562.	1.8	11
20	Genomic characterization and expression profiles of stress-associated proteins (SAPs) in castor bean (<i>Ricinus communis</i>). <i>Plant Diversity</i> , 2021, 43, 152-162.	1.8	11
21	Bulked segregant analysis reveals candidate genes responsible for dwarf formation in woody oilseed crop castor bean. <i>Scientific Reports</i> , 2021, 11, 6277.	1.6	11
22	Quantitative Proteomics and Cytology of Rice Pollen Sterol-Rich Membrane Domains Reveals Pre-established Cell Polarity Cues in Mature Pollen. <i>Journal of Proteome Research</i> , 2018, 17, 1532-1546.	1.8	8
23	Genome-wide analysis of the B3 transcription factors reveals that RcABI3/VP1 subfamily plays important roles in seed development and oil storage in castor bean (<i>Ricinus communis</i>). <i>Plant Diversity</i> , 2022, 44, 201-212.	1.8	8
24	Development of an efficient chromatin immunoprecipitation method to investigate protein-DNA interaction in oleaginous castor bean seeds. <i>PLoS ONE</i> , 2018, 13, e0197126.	1.1	7
25	Epigenetic regulation of seed-specific gene expression by DNA methylation valleys in castor bean. <i>BMC Biology</i> , 2022, 20, 57.	1.7	7
26	LC3 Constitutively Associates with a High Molecular Weight Complex in Both the Cytoplasm and Nucleus. <i>Biophysical Journal</i> , 2013, 104, 553a.	0.2	0
27	Microtubule Motors Drive Plasma Membrane Tubulation in Clathrin-Independent Endocytosis. <i>Biophysical Journal</i> , 2015, 108, 353a.	0.2	0
28	Protein Isolation from Plasma Membrane, Digestion and Processing for Strong Cation Exchange Fractionation. <i>Bio-protocol</i> , 2017, 7, e2298.	0.2	0
29	Plasma Membrane Preparation from <i>Lilium davidii</i> and <i>Oryza sativa</i> Mature and Germinated Pollen. <i>Bio-protocol</i> , 2017, 7, e2297.	0.2	0