

Mingying Liu

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

657
citations

623734

14
h-index

839539

18
g-index

18
all docs

18
docs citations

18
times ranked

891
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------|
| 1 | Transcriptome Sequencing and De Novo Analysis for Ma Bamboo (<i>Dendrocalamus latiflorus</i> Munro) Using the Illumina Platform. <i>PLoS ONE</i> , 2012, 7, e46766. | 2.5 | 104 |
| 2 | Integration of small <sc>RNA</sc>s, degradome and transcriptome sequencing in hyperaccumulator <i>Sedum alfredii</i> uncovers a complex regulatory network and provides insights into cadmium phytoremediation. <i>Plant Biotechnology Journal</i> , 2016, 14, 1470-1483. | 8.3 | 96 |
| 3 | Overexpressing the <i>Sedum alfredii</i> Cu/Zn Superoxide Dismutase Increased Resistance to Oxidative Stress in Transgenic Arabidopsis. <i>Frontiers in Plant Science</i> , 2017, 8, 1010. | 3.6 | 73 |
| 4 | <i>Sedum alfredii</i> SaNramp6 Metal Transporter Contributes to Cadmium Accumulation in Transgenic Arabidopsis thaliana. <i>Scientific Reports</i> , 2017, 7, 13318. | 3.3 | 60 |
| 5 | A kringle-containing protease with plasminogen-like activity in the basal chordate <i>Branchiostoma belcheri</i>. <i>Bioscience Reports</i> , 2009, 29, 385-395. | 2.4 | 51 |
| 6 | Selection and Validation of Reference Genes for Real-Time Quantitative PCR in Hyperaccumulating Ecotype of <i>Sedum alfredii</i> under Different Heavy Metals Stresses. <i>PLoS ONE</i> , 2013, 8, e82927. | 2.5 | 39 |
| 7 | Expression profile of miRNAs in <i>Populus cathayana</i> L. and <i>Salix matsudana</i> Koidz under salt stress. <i>Molecular Biology Reports</i> , 2012, 39, 8645-8654. | 2.3 | 37 |
| 8 | SaHsfA4c From <i>Sedum alfredii</i> Hance Enhances Cadmium Tolerance by Regulating ROS-Scavenger Activities and Heat Shock Proteins Expression. <i>Frontiers in Plant Science</i> , 2020, 11, 142. | 3.6 | 28 |
| 9 | Enhanced cold stress tolerance of transgenic <i>Dendrocalamus latiflorus</i> Munro (Ma bamboo) plants expressing a bacterial CodA gene. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2014, 50, 385-391. | 2.1 | 23 |
| 10 | Callus induction and plant regeneration from anthers of <i>Dendrocalamus latiflorus</i> Munro. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2013, 49, 375-382. | 2.1 | 22 |
| 11 | cDNA Library for Mining Functional Genes in <i>Sedum alfredii</i> Hance Related to Cadmium Tolerance and Characterization of the Roles of a Novel <i>SaCTP2</i> Gene in Enhancing Cadmium Hyperaccumulation. <i>Environmental Science & Technology</i> , 2019, 53, 10926-10940. | 10.0 | 21 |
| 12 | Amphioxus IGF-like peptide induces mouse muscle cell development via binding to IGF receptors and activating MAPK and PI3K/Akt signaling pathways. <i>Molecular and Cellular Endocrinology</i> , 2011, 343, 45-54. | 3.2 | 19 |
| 13 | Validation of Reference Genes Aiming Accurate Normalization of qRT-PCR Data in <i>Dendrocalamus latiflorus</i> Munro. <i>PLoS ONE</i> , 2014, 9, e87417. | 2.5 | 17 |
| 14 | Identification and comprehensive analysis of the characteristics and roles of leucine-rich repeat receptor-like protein kinase (LRR-RLK) genes in <i>Sedum alfredii</i> Hance responding to cadmium stress. <i>Ecotoxicology and Environmental Safety</i> , 2019, 167, 95-106. | 6.0 | 16 |
| 15 | Phenotypic and Comparative Transcriptome Analysis of Different Ploidy Plants in <i>Dendrocalamus latiflorus</i> Munro. <i>Frontiers in Plant Science</i> , 2017, 8, 1371. | 3.6 | 14 |
| 16 | Identification and functional characterization of ABC transporters for Cd tolerance and accumulation in <i>Sedum alfredii</i> Hance. <i>Scientific Reports</i> , 2020, 10, 20928. | 3.3 | 14 |
| 17 | Functional Characterization of a Gene in <i>Sedum alfredii</i> Hance Resembling Rubber Elongation Factor Endowed with Functions Associated with Cadmium Tolerance. <i>Frontiers in Plant Science</i> , 2016, 7, 965. | 3.6 | 13 |
| 18 | Identification and expression analysis of salt-responsive genes using a comparative microarray approach in <i>Salix matsudana</i> . <i>Molecular Biology Reports</i> , 2014, 41, 6555-6568. | 2.3 | 10 |