

Jing Sun

List of Publications by Year in descending order

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Version: 2024-02-01

17
papers

311
citations

933447

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940533

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18
all docs

18
docs citations

18
times ranked

223
citing authors

#	ARTICLE	IF	CITATIONS
1	Deterioration of orthodox seeds during ageing: Influencing factors, physiological alterations and the role of reactive oxygen species. <i>Plant Physiology and Biochemistry</i> , 2021, 158, 475-485.	5.8	64
2	WRKY Transcription Factor Response to High-Temperature Stress. <i>Plants</i> , 2021, 10, 2211.	3.5	38
3	Integration of Transcriptome, Proteome, and Metabolome Provides Insights into How Calcium Enhances the Mechanical Strength of Herbaceous Peony Inflorescence Stems. <i>Cells</i> , 2019, 8, 102.	4.1	34
4	Melatonin and Expression of Tryptophan Decarboxylase Gene (TDC) in Herbaceous Peony (<i>Paeonia</i>) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 5	3.8	32
5	Herbaceous peony tryptophan decarboxylase confers drought and salt stresses tolerance. <i>Environmental and Experimental Botany</i> , 2019, 162, 345-356.	4.2	22
6	Overexpression of herbaceous peony miR156e-3p improves anthocyanin accumulation in transgenic <i>Arabidopsis thaliana</i> lateral branches. <i>3 Biotech</i> , 2017, 7, 379.	2.2	20
7	Characteristics of <i>Paeonia ostii</i> seed oil body and OLE17.5 determining oil body morphology. <i>Food Chemistry</i> , 2020, 319, 126548.	8.2	18
8	Identification of genes associated with the biosynthesis of unsaturated fatty acid and oil accumulation in herbaceous peony "Hangshao"™ (<i>Paeonia lactiflora</i> "Hangshao"™) seeds based on transcriptome analysis. <i>BMC Genomics</i> , 2021, 22, 94.	2.8	17
9	Cloning, Characterization, and Expression Analysis of Three FAD8 Genes Encoding a Fatty Acid Desaturase from Seeds of <i>Paeonia ostii</i> . <i>Molecules</i> , 2018, 23, 929.	3.8	13
10	Effects of Harvest Stage, Storage, and Preservation Technology on Postharvest Ornamental Value of Cut Peony (<i>Paeonia lactiflora</i>) Flowers. <i>Agronomy</i> , 2022, 12, 230.	3.0	12
11	Genome-Wide Identification and Expression Profiles of Late Embryogenesis-Abundant (LEA) Genes during Grain Maturation in Wheat (<i>Triticum aestivum</i> L.). <i>Genes</i> , 2019, 10, 696.	2.4	10
12	Isolation of PANS and PIDFR genes from herbaceous peony (<i>Paeonia lactiflora</i> Pall.) and its functional characterization in <i>Arabidopsis</i> and tobacco. <i>Plant Cell, Tissue and Organ Culture</i> , 2020, 141, 435-445.	2.3	9
13	Analysis and Functional Verification of PoWRI1 Gene Associated with Oil Accumulation Process in <i>Paeonia ostii</i> . <i>International Journal of Molecular Sciences</i> , 2021, 22, 6996.	4.1	9
14	Single molecule, full-length transcript sequencing provides insight into the TPS gene family in <i>Paeonia ostii</i> . <i>PeerJ</i> , 2021, 9, e11808.	2.0	4
15	Histology and transcriptomic profiling reveal the dynamics of seed coat and endosperm formation in tree peony (<i>Paeonia ostii</i>). <i>Horticulture Research</i> , 2022, 9, .	6.3	4
16	Seed development in <i>Paeonia ostii</i> (Paeoniaceae), with particular reference to embryogeny. <i>BMC Plant Biology</i> , 2021, 21, 603.	3.6	3
17	<i>In-vitro</i> antioxidant and <i>in-vivo</i> anti-aging with stress resistance on <i>Caenorhabditis elegans</i> of herbaceous peony stamen tea. <i>International Journal of Food Properties</i> , 2021, 24, 1349-1366.	3.0	2