

Sufang Zhang

List of Publications by Year in descending order

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32
papers

286
citations

1163117

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1058476

14
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docs citations

33
times ranked

306
citing authors

#	ARTICLE	IF	CITATIONS
1	Proteomic analysis of stress-related proteins and metabolic pathways in <i>Picea asperata</i> somatic embryos during partial desiccation. <i>Plant Biotechnology Journal</i> , 2017, 15, 27-38.	8.3	37
2	Identification of novel miRNAs and miRNA expression profiling in embryogenic tissues of <i>Picea balfouriana</i> treated by 6-benzylaminopurine. <i>PLoS ONE</i> , 2017, 12, e0176112.	2.5	36
3	Genetic Linkage Maps of <i>Betula platyphylla</i> Suk Based on ISSR and AFLP Markers. <i>Plant Molecular Biology Reporter</i> , 2010, 28, 169-175.	1.8	19
4	ConTEdb: a comprehensive database of transposable elements in conifers. <i>Database: the Journal of Biological Databases and Curation</i> , 2018, 2018, .	3.0	15
5	Dynamics of physiological and miRNA changes after long-term proliferation in somatic embryogenesis of <i>Picea balfouriana</i> . <i>Trees - Structure and Function</i> , 2019, 33, 469-480.	1.9	14
6	Genotype by environment interaction analysis of growth of <i>Picea koraiensis</i> families at different sites using BLUP-GGE. <i>New Forests</i> , 2021, 52, 113-127.	1.7	14
7	Stable and Efficient <i>Agrobacterium</i> -Mediated Genetic Transformation of Larch Using Embryogenic Callus. <i>Frontiers in Plant Science</i> , 2020, 11, 584492.	3.6	13
8	Screening and verification of the factors influencing somatic embryo maturation of <i>Larix olgensis</i> . <i>Journal of Forestry Research</i> , 2018, 29, 1581-1589.	3.6	11
9	EST-SSR marker development and transcriptome sequencing analysis of different tissues of Korean pine (<i>Pinus koraiensis</i> Sieb. et Zucc.). <i>Biotechnology and Biotechnological Equipment</i> , 0, , 1-11.	1.3	10
10	High-Density Genetic Map Construction in Sugar Beet (<i>Beta vulgaris</i> L.) by High-Throughput Technology. <i>Sugar Tech</i> , 2018, 20, 212-219.	1.8	8
11	Identification of miRNAs and their target genes in <i>Larix olgensis</i> and verified of differential expression miRNAs. <i>BMC Plant Biology</i> , 2019, 19, 247.	3.6	8
12	Growth and Physiological Responses of Norway Spruce (<i>Picea abies</i> (L.) H. Karst) Supplemented with Monochromatic Red, Blue and Far-Red Light. <i>Forests</i> , 2021, 12, 164.	2.1	8
13	Embryogenic callus induction from immature zygotic embryos and genetic transformation of <i>Larix kaempferi</i> 3x <i>Larix gmelinii</i> 9. <i>PLoS ONE</i> , 2021, 16, e0258654.	2.5	8
14	Construction of Genetic Linkage Maps of Larch (<i>Larix kaempferi</i> — <i>Larix gmelini</i>) by Rapid Markers and Mapping of QTLs for Larch. <i>Biotechnology and Biotechnological Equipment</i> , 2011, 25, 2197-2202.	1.3	7
15	Allelic Variation in Cinnamyl Alcohol Dehydrogenase (LoCAD) Associated with Wood Properties of <i>Larix olgensis</i> . <i>Forests</i> , 2015, 6, 1649-1665.	2.1	7
16	Intrinsic relationship among needle morphology, anatomy, gas exchanges and tree growth across 17 <i>Picea</i> species. <i>New Forests</i> , 2021, 52, 509-535.	1.7	7
17	Clonal variations in nutritional components of <i>Pinus koreansis</i> seeds collected from seed orchards in Northeastern China. <i>Journal of Forestry Research</i> , 2016, 27, 295-311.	3.6	6
18	Quantitative Trait Locus (QTL) Mapping of Sugar Yield-Related Traits in Sugar Beet (<i>Beta vulgaris</i> L.). <i>Sugar Tech</i> , 2019, 21, 135-144.	1.8	6

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19	Variation in carbon concentrations and allocations among <i>Larix olgensis</i> populations growing in three field environments. <i>Annals of Forest Science</i> , 2019, 76, 1.	2.0	6
20	<i>Picea</i> species from humid continental and temperate marine climates perform better in monsoonal areas of middle latitudes of China. <i>Journal of Forestry Research</i> , 2021, 32, 1395-1408.	3.6	6
21	Glutathione, carbohydrate and other metabolites of <i>Larix olgensis</i> A. Henry reponse to polyethylene glycol-simulated drought stress. <i>PLoS ONE</i> , 2021, 16, e0253780.	2.5	6
22	Diversity in Fruit Morphology and Nutritional Composition of <i>Juglans mandshurica</i> Maxim in Northeast China. <i>Frontiers in Plant Science</i> , 2022, 13, 820457.	3.6	6
23	Rapd and SSR Analysis of Genetic Diversity of Natural <i>Larix Gmelinii</i> Populations. <i>Biotechnology and Biotechnological Equipment</i> , 2013, 27, 3959-3965.	1.3	5
24	Complete plastome sequences of <i>Picea asperata</i> and <i>P. crassifolia</i> and comparative analyses with <i>P. abies</i> and <i>P. morrisonicola</i> . <i>Genome</i> , 2019, 62, 317-328.	2.0	5
25	Variation, coordination, and trade-offs between needle structures and photosynthetic-related traits across five <i>Picea</i> species: consequences on plant growth. <i>BMC Plant Biology</i> , 2022, 22, 242.	3.6	4
26	PICEA database: a web database for <i>Picea</i> omics and phenotypic information. <i>Database: the Journal of Biological Databases and Curation</i> , 2019, 2019, .	3.0	3
27	Mining Myb transcription factors related to wood development in <i>Larix olgensis</i> . <i>Journal of Forestry Research</i> , 2020, 31, 2453-2461.	3.6	3
28	Spatiotemporal Expression and Bioinformatic Analyses of the HD-Zip Transcription Factor Family in <i>Larix olgensis</i> . <i>Plant Molecular Biology Reporter</i> , 2021, 39, 212-225.	1.8	2
29	Genetic transformation and growth index determination of the <i>Larix olgensis</i> LoHDZ2 transcription factor gene in tobacco. <i>Scientific Reports</i> , 2021, 11, 20746.	3.3	2
30	Study on the variation in and selection of <i>Fraxinus mandshurica</i> provenances and families in northeast China. <i>Journal of Forestry Research</i> , 2023, 34, 519-529.	3.6	2
31	Preliminary analysis of two NAC transcription factor expression patterns in <i>Larix olgensis</i> . <i>Journal of Forestry Research</i> , 0, , 1.	3.6	1
32	Variation in cone, seed, and kernel nutritional components traits of <i>Pinus koraiensis</i> . <i>Silvae Genetica</i> , 2021, 70, 205-216.	0.8	1