

M Abbas

List of Publications by Year in descending order

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docs citations

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774
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#	ARTICLE	IF	CITATIONS
1	Developing a highly efficient regeneration system for leaves of tissue-cultured tetraploid <i>Robinia pseudoacacia</i> L. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2022, 58, 114-121.	0.9	4
2	Genetic diversity and population structure of <i>Robinia pseudoacacia</i> from six improved variety bases in China as revealed by simple sequence repeat markers. <i>Journal of Forestry Research</i> , 2022, 33, 611-621.	1.7	10
3	Variation of phenotypic and physiological traits of <i>Robinia pseudoacacia</i> L. from 20 provenances. <i>PLoS ONE</i> , 2022, 17, e0262278.	1.1	5
4	Transcriptome Profiling Reveals Role of MicroRNAs and Their Targeted Genes during Adventitious Root Formation in Dark-Pretreated Micro-Shoot Cuttings of Tetraploid <i>Robinia pseudoacacia</i> L. <i>Genes</i> , 2022, 13, 441.	1.0	5
5	Determination of Community Structure and Diversity of Seed-Vectored Endophytic Fungi in <i>Alpinia zerumbet</i> . <i>Frontiers in Microbiology</i> , 2022, 13, 814864.	1.5	14
6	Estimation and Spatial Mapping of Residue Biomass following CTL Harvesting in <i>Pinus radiata</i> Plantations: An Application of Harvester Data Analytics. <i>Forests</i> , 2022, 13, 428.	0.9	4
7	Evolution analysis of <i>FRIZZY PANICLE</i> (<i>FZP</i>) orthologs explored the mutations in DNA coding sequences in the grass family (Poaceae). <i>PeerJ</i> , 2022, 10, e12880.	0.9	7
8	Metabolite Profiling and Transcriptome Analysis Unveil the Mechanisms of Red-Heart Chinese Fir [<i>Cunninghamia lanceolata</i> (Lamb.) Hook] Heartwood Coloration. <i>Frontiers in Plant Science</i> , 2022, 13, 854716.	1.7	5
9	Genotoxicity and Trace Elements Contents Analysis in Nile Tilapia (<i>Oreochromis niloticus</i>) Indicated the Levels of Aquatic Contamination at Three Egyptian Areas. <i>Frontiers in Veterinary Science</i> , 2022, 9, 818866.	0.9	6
10	Heat Stress-Mediated Constraints in Maize (<i>Zea mays</i>) Production: Challenges and Solutions. <i>Frontiers in Plant Science</i> , 2022, 13, .	1.7	31
11	The RpTOE1-RpFT Module Is Involved in Rejuvenation during Root-Based Vegetative Propagation in <i>Robinia pseudoacacia</i> . <i>International Journal of Molecular Sciences</i> , 2022, 23, 5079.	1.8	5
12	Agri-Nanotechnology and Tree Nanobionics: Augmentation in Crop Yield, Biosafety, and Biomass Accumulation. <i>Frontiers in Bioengineering and Biotechnology</i> , 2022, 10, 853045.	2.0	8
13	Global Sensitivity Analysis of the LPJ Model for <i>Larix olgensis</i> Henry Forests NPP in Jilin Province, China. <i>Forests</i> , 2022, 13, 874.	0.9	4
14	Two chemical mutagens modulate the seed germination, growth, and phenotypic characteristics of Chinese fir (<i>Cunninghamia lanceolata</i>). <i>Journal of Forestry Research</i> , 2021, 32, 2077-2085.	1.7	3
15	A new model for predicting the total tree height for stems cut-to-length by harvesters in <i>Pinus radiata</i> plantations. <i>Journal of Forestry Research</i> , 2021, 32, 21-41.	1.7	9
16	MicroRNA319-mediated gene regulatory network impacts leaf development and morphogenesis in poplar. <i>Forestry Research</i> , 2021, 1, 1-10.	0.5	4
17	Impacts of simulated nitrogen deposition on soil enzyme activity in a northern temperate forest ecosystem depend on the form and level of added nitrogen. <i>European Journal of Soil Biology</i> , 2021, 103, 103287.	1.4	25
18	Effect of Solid-State Fermentation on Nutritional Quality of Leaf Flour of the Drumstick Tree (<i>Moringa oleifera</i> Lam.). <i>Frontiers in Bioengineering and Biotechnology</i> , 2021, 9, 626628.	2.0	22

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19	IDENTIFICATION OF NOVEL ROOT-KNOT NEMATODE (MELOIDOGYNE INCOGNITA) RESISTANT TOMATO GENOTYPES. <i>Journal of Animal and Plant Sciences</i> , 2021, 32, .	0.7	4
20	Transcriptomic and Anatomic Profiling Reveal Etiolation Promotes Adventitious Rooting by Exogenous Application of 1-Naphthalene Acetic Acid in <i>Robinia pseudoacacia</i> L. <i>Forests</i> , 2021, 12, 789.	0.9	6
21	Integrated transcriptome and miRNA sequencing approaches provide insights into salt tolerance in allotriploid <i>Populus cathayana</i> . <i>Planta</i> , 2021, 254, 25.	1.6	3
22	Analysis of the Fungal Diversity and Community Structure in Sichuan Dark Tea During Pile-Fermentation. <i>Frontiers in Microbiology</i> , 2021, 12, 706714.	1.5	16
23	Genome-Wide Identification and Expression Analysis of Metal Tolerance Protein Gene Family in <i>Medicago truncatula</i> Under a Broad Range of Heavy Metal Stress. <i>Frontiers in Genetics</i> , 2021, 12, 713224.	1.1	20
24	Comprehensive Analysis of Bacterial Community Structure and Diversity in Sichuan Dark Tea (<i>Camellia</i>) Tj ETQq0 0.0,rgBT /Overlock 10	1.5	6
25	Comprehensive Mechanism of Gene Silencing and Its Role in Plant Growth and Development. <i>Frontiers in Plant Science</i> , 2021, 12, 705249.	1.7	36
26	Genome-wide high-resolution mapping of DNA methylation reveals epigenetic variation in the offspring of sexual and asexual propagation in <i>Robinia pseudoacacia</i> . <i>Plant Cell Reports</i> , 2021, 40, 2435-2447.	2.8	4
27	Induction and early identification of tetraploid black locust by hypocotyl in vitro. <i>In Vitro Cellular and Developmental Biology - Plant</i> , 2021, 57, 372-379.	0.9	7
28	Pollen Competition and Paternal Contribution during Artificially Controlled Pollination of Black Locust (<i>Robinia pseudoacacia</i> L.) without Castration. <i>Forests</i> , 2021, 12, 1416.	0.9	1
29	In Silico Functional Prediction and Expression Analysis of C2H2 Zinc-Finger Family Transcription Factor Revealed Regulatory Role of ZmZFP126 in Maize Growth. <i>Frontiers in Genetics</i> , 2021, 12, 770427.	1.1	6
30	Involvement of Cesa4, Cesa7-A/B and Cesa8-A/B in secondary wall formation in <i>Populus trichocarpa</i> wood. <i>Tree Physiology</i> , 2020, 40, 73-89.	1.4	30
31	High-quality de novo assembly of the <i>Eucommia ulmoides</i> haploid genome provides new insights into evolution and rubber biosynthesis. <i>Horticulture Research</i> , 2020, 7, 183.	2.9	28
32	Plant rejuvenation: from phenotypes to mechanisms. <i>Plant Cell Reports</i> , 2020, 39, 1249-1262.	2.8	26
33	Profiling of Widely Targeted Metabolomics for the Identification of Secondary Metabolites in Heartwood and Sapwood of the Red-Heart Chinese Fir (<i>Cunninghamia lanceolata</i>). <i>Forests</i> , 2020, 11, 897.	0.9	12
34	Soil Type and a Labile C Addition Regime Control the Temperature Sensitivity of Soil C and N Mineralization More than N Addition in Wetland Soils in China. <i>Atmosphere</i> , 2020, 11, 1043.	1.0	2
35	Heterologous Expression of the DREB Transcription Factor AhDREB in <i>Populus tomentosa</i> CarriÄ're Confers Tolerance to Salt without Growth Reduction under Greenhouse Conditions. <i>Forests</i> , 2019, 10, 214.	0.9	2
36	Development and Application of EST-SSR Markers for DNA Fingerprinting and Genetic Diversity Analysis of the Main Cultivars of Black Locust (<i>Robinia pseudoacacia</i> L.) in China. <i>Forests</i> , 2019, 10, 644.	0.9	8

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37	Contrasting effects of nitrogen and phosphorus additions on soil nitrous oxide fluxes and enzyme activities in an alpine wetland of the Tibetan Plateau. <i>PLoS ONE</i> , 2019, 14, e0216244.	1.1	8
38	Study of variation in the growth, photosynthesis, and content of secondary metabolites in <i>Eucommia</i> triploids. <i>Trees - Structure and Function</i> , 2019, 33, 817-826.	0.9	14
39	Characterization of Cellulose synthase-like D (CSLD) family revealed the involvement of <i>PtrCslD5</i> in root hair formation in <i>Populus trichocarpa</i> . <i>Scientific Reports</i> , 2019, 9, 1452.	1.6	16
40	Spatial Patterns in Different Stages of Regeneration after Clear-Cutting of a Black Locust Forest in Central China. <i>Forests</i> , 2019, 10, 1066.	0.9	0
41	Proteome-Level Analysis of Metabolism- and Stress-Related Proteins during Seed Dormancy and Germination in <i>Gnetum parvifolium</i> . <i>Journal of Agricultural and Food Chemistry</i> , 2018, 66, 3019-3029.	2.4	8
42	Reconstructing the size of individual trees using log data from cut-to-length harvesters in <i>Pinus radiata</i> plantations: a case study in NSW, Australia. <i>Journal of Forestry Research</i> , 2018, 29, 13-33.	1.7	18
43	Megaspore Chromosome Doubling in <i>Eucalyptus urophylla</i> S.T. Blake Induced by Colchicine Treatment to Produce Triploids. <i>Forests</i> , 2018, 9, 728.	0.9	15
44	An Assessment of the Environmental Impacts of Transgenic Triploid <i>Populus tomentosa</i> in Field Condition. <i>Forests</i> , 2018, 9, 482.	0.9	1
45	Evaluation of the Genetic Diversity and Differentiation of Black Locust (<i>Robinia pseudoacacia</i> L.) Based on Genomic and Expressed Sequence Tag-Simple Sequence Repeats. <i>International Journal of Molecular Sciences</i> , 2018, 19, 2492.	1.8	11
46	Selection and validation of reference genes for quantitative gene expression analyses in black locust (<i>Robinia pseudoacacia</i> L.) using real-time quantitative PCR. <i>PLoS ONE</i> , 2018, 13, e0193076.	1.1	21
47	Genetic Characterization of Chinese fir from Six Provinces in Southern China and Construction of a Core Collection. <i>Scientific Reports</i> , 2017, 7, 13814.	1.6	52
48	Somatic Embryogenesis of Immature <i>Cunninghamia lanceolata</i> (Lamb.) Hook Zygotic Embryos. <i>Scientific Reports</i> , 2017, 7, 56.	1.6	34
49	Product and Residue Biomass Equations for Individual Trees in Rotation Age <i>Pinus radiata</i> Stands under Three Thinning Regimes in New South Wales, Australia. <i>Forests</i> , 2017, 8, 439.	0.9	10
50	Development and Evaluation of a Novel Set of EST-SSR Markers Based on Transcriptome Sequences of Black Locust (<i>Robinia pseudoacacia</i> L.). <i>Genes</i> , 2017, 8, 177.	1.0	37
51	Characterization of the Transcriptome and Gene Expression of Tetraploid Black Locust Cuttings in Response to Etiolation. <i>Genes</i> , 2017, 8, 345.	1.0	18
52	Proteomic Changes Between <i>Populus</i> Allotriploids and Diploids Revealed Using an iTRAQ-based Quantitative Approach. <i>Current Proteomics</i> , 2017, 14, 166-174.	0.1	3
53	Varietal Reaction of Cucumber (<i>Cucumis sativus</i> L.) Germplasm for Management of Fusarium Wilt of Cucumber (FWC). <i>Advances in Zoology and Botany</i> , 2017, 5, 1-3.	0.2	7
54	Variation in the Growth Traits and Wood Properties of Chinese Fir from Six Provinces of Southern China. <i>Forests</i> , 2016, 7, 192.	0.9	30

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55	Effects of Different Ectomycorrhizal Fungal Inoculates on the Growth of <i>Pinus tabulaeformis</i> Seedlings under Greenhouse Conditions. <i>Forests</i> , 2016, 7, 316.	0.9	13
56	Induction of unreduced megaspores in <i>Eucommia ulmoides</i> by high temperature treatment during megasporogenesis. <i>Euphytica</i> , 2016, 212, 515-524.	0.6	18
57	Ovule positions within linear fruit are correlated with nonrandom mating in <i>Robinia pseudoacacia</i> . <i>Scientific Reports</i> , 2016, 6, 36664.	1.6	0
58	Characterization of a collection of Chinese fir elite genotypes using sequence-related amplified polymorphism markers. <i>Journal of Forestry Research</i> , 2016, 27, 1105-1110.	1.7	6
59	Induction of 2n pollen with colchicine during microsporogenesis in <i>Eucalyptus</i> . <i>Euphytica</i> , 2016, 210, 69-78.	0.6	13
60	In vitro tetraploid plants regeneration from leaf explants of multiple genotypes in <i>Populus</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 125, 1-9.	1.2	43
61	Colonization with Arbuscular Mycorrhizal Fungi Promotes the Growth of <i>Morus alba</i> L. Seedlings under Greenhouse Conditions. <i>Forests</i> , 2015, 6, 734-747.	0.9	21
62	Gene Expression Differences between High-Growth <i>Populus</i> Allotriploids and Their Diploid Parents. <i>Forests</i> , 2015, 6, 839-857.	0.9	6
63	Global Reprogramming of Transcription in Chinese Fir (<i>Cunninghamia lanceolata</i>) during Progressive Drought Stress and after Rewatering. <i>International Journal of Molecular Sciences</i> , 2015, 16, 15194-15219.	1.8	11
64	A preliminary study on the crossability in <i>Robinia pseudoacacia</i> L.. <i>Euphytica</i> , 2015, 206, 555-566.	0.6	10
65	Induction of somatic embryogenesis by anther-derived callus culture and plantlet ploidy determination in poplar (<i>Populus</i> — <i>Abeljingensis</i>). <i>Plant Cell, Tissue and Organ Culture</i> , 2015, 120, 949-959.	1.2	19
66	Sequence-related amplified polymorphism primer screening on Chinese fir (<i>Cunninghamia lanceolata</i>) Tj ETQq0 0 0 _{rgBT} /Overlock 10 Tf	1.7	6
67	Differential transcriptome analysis between <i>Populus</i> and its synthesized allotriploids driven by secondâ€division restitution. <i>Journal of Integrative Plant Biology</i> , 2015, 57, 1031-1045.	4.1	10
68	Converting diameter measurements of <i>Pinus radiata</i> taken at different breast heights. <i>Australian Forestry</i> , 2015, 78, 45-49.	0.3	5
69	In Vitro and in Vivo Management of Fusarium Wilt of Cucumber (FWC) Through Various Chemicals. <i>Advances in Zoology and Botany</i> , 2015, 3, 169-174.	0.2	3
70	Proteomic Analysis of Etiolated Juvenile Tetraploid <i>Robinia pseudoacacia</i> Branches during Different Cutting Periods. <i>International Journal of Molecular Sciences</i> , 2014, 15, 6674-6688.	1.8	5
71	Selection occurs within linear fruit and during the early stages of reproduction in <i>Robinia pseudoacacia</i> . <i>BMC Evolutionary Biology</i> , 2014, 14, 53.	3.2	10
72	Field Supervisory Test of DREB-Transgenic <i>Populus</i> : Salt Tolerance, Long-Term Gene Stability and Horizontal Gene Transfer. <i>Forests</i> , 2014, 5, 1106-1121.	0.9	9

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73	Early performance of <i>Pinus radiata</i> provenances in the earthquake-ravaged dry river valley area of Sichuan, southwest China. <i>Journal of Forestry Research</i> , 2013, 24, 619-632.	1.7	5
74	Phytohormone and assimilate profiles in emasculated flowers of the black locust (<i>Robinia pseudoacacia</i> L.). <i>Journal of Forestry Research</i> , 2010, 21, 50-57.	0.7	2
75	Evaluation of nonlinear equations for predicting diameter from tree height. <i>Canadian Journal of Forest Research</i> , 2012, 42, 789-806.	0.8	31
76	Genetic transformation of <i>Populus tomentosa</i> to improve salt tolerance. <i>Plant Cell, Tissue and Organ Culture</i> , 2012, 108, 181-189.	1.2	29
77	Polymorphism and heredity of cpDNA and mtDNA in the Section <i>Leuce</i> of <i>Populus</i> . <i>Forestry Studies in China</i> , 2011, 13, 218-224.	0.4	1
78	Effects of different supplements on tetraploid black locust (<i>Robinia pseudoacacia</i> L.) silage. <i>Forestry Studies in China</i> , 2010, 12, 176-183.	0.4	3
79	Ruminal in situ disappearance kinetics of six nutritive ingredients in leaves and stems of young tetraploid black locust in growing steers. <i>Forestry Studies in China</i> , 2009, 11, 168-173.	0.4	1
80	Establishment of a transgenic system in fast-growing black locust (<i>Robinia pseudoacacia</i> L.). <i>Forestry Studies in China</i> , 2008, 10, 243-252.	0.4	3
81	Course System Reformation of Bio-Resource Major in Guizhou Normal College. <i>Advanced Materials Research</i> , 0, 616-618, 2255-2260.	0.3	1
82	Development and Matured Structure Variation of Ovule from Autotetraploid of <i>Robinia pseudoacacia</i> . <i>Advanced Materials Research</i> , 0, 518-523, 5267-5275.	0.3	0
83	Additive predictions of aboveground stand biomass in commercial logs and harvest residues for rotation age <i>Pinus radiata</i> plantations in New South Wales, Australia. <i>Journal of Forestry Research</i> , 0, 1.	1.7	2