

Ke-Xuan Tang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Molecular insights into AabZIP1-mediated regulation on artemisinin biosynthesis and drought tolerance in <i>Artemisia annua</i> . <i>Acta Pharmaceutica Sinica B</i> , 2022, 12, 1500-1513.	5.7	17
2	AaSPL9 affects glandular trichomes initiation by positively regulating expression of AaHD1 in <i>Artemisia annua</i> L.. <i>Plant Science</i> , 2022, 317, 111172.	1.7	17
3	The transcription factors TLR1 and TLR2 negatively regulate trichome density and artemisinin levels in <i>Artemisia annua</i> . <i>Journal of Integrative Plant Biology</i> , 2022, 64, 1212-1228.	4.1	20
4	The truncated AaActin1 promoter is a candidate tool for metabolic engineering of artemisinin biosynthesis in <i>Artemisia annua</i> L.. <i>Journal of Plant Physiology</i> , 2022, 274, 153712.	1.6	5
5	Overexpression of blue light receptor <i>AaCRY1</i> improves artemisinin content in <i>Artemisia annua</i> L.. <i>Biotechnology and Applied Biochemistry</i> , 2021, 68, 338-344.	1.4	7
6	The WRKY transcription factor AaGSW2 promotes glandular trichome initiation in <i>Artemisia annua</i> . <i>Journal of Experimental Botany</i> , 2021, 72, 1691-1701.	2.4	41
7	Jasmonate- and abscisic acid-activated AaGSW1-AaTCP15/AaORA transcriptional cascade promotes artemisinin biosynthesis in <i>Artemisia annua</i> . <i>Plant Biotechnology Journal</i> , 2021, 19, 1412-1428.	4.1	45
8	AaWRKY4 upregulates artemisinin content through boosting the expressions of key enzymes in artemisinin biosynthetic pathway. <i>Plant Cell, Tissue and Organ Culture</i> , 2021, 146, 97-105.	1.2	8
9	An R2R3-MYB Transcription Factor Positively Regulates the Glandular Secretory Trichome Initiation in <i>Artemisia annua</i> L.. <i>Frontiers in Plant Science</i> , 2021, 12, 657156.	1.7	36
10	An HD-ZIP3-MYB complex regulates glandular secretory trichome initiation in <i>Artemisia annua</i> . <i>New Phytologist</i> , 2021, 231, 2050-2064.	3.5	41
11	Transcriptomic analysis reveals the parallel transcriptional regulation of UV-B-induced artemisinin and flavonoid accumulation in <i>Artemisia annua</i> L.. <i>Plant Physiology and Biochemistry</i> , 2021, 163, 189-200.	2.8	23
12	AaMYB15, an R2R3-MYB TF in <i>Artemisia annua</i> , acts as a negative regulator of artemisinin biosynthesis. <i>Plant Science</i> , 2021, 308, 110920.	1.7	21
13	AaWRKY9 contributes to light- and jasmonate-mediated to regulate the biosynthesis of artemisinin in <i>Artemisia annua</i> . <i>New Phytologist</i> , 2021, 231, 1858-1874.	3.5	67
14	AaWRKY17, a positive regulator of artemisinin biosynthesis, is involved in resistance to <i>Pseudomonas syringae</i> in <i>Artemisia annua</i> . <i>Horticulture Research</i> , 2021, 8, 217.	2.9	21
15	A high-efficiency <i>Agrobacterium</i> -mediated transient expression system in the leaves of <i>Artemisia annua</i> L.. <i>Plant Methods</i> , 2021, 17, 106.	1.9	16
16	Transcriptional regulation of flavonoid biosynthesis in <i>Artemisia annua</i> by AaYABBY5. <i>Horticulture Research</i> , 2021, 8, 257.	2.9	24
17	The ameliorative effects of exogenous inoculation of <i>Piriformospora indica</i> on molecular, biochemical and physiological parameters of <i>Artemisia annua</i> L. under arsenic stress condition. <i>Ecotoxicology and Environmental Safety</i> , 2020, 206, 111202.	2.9	28
18	AaABCG40 Enhances Artemisinin Content and Modulates Drought Tolerance in <i>Artemisia annua</i> . <i>Frontiers in Plant Science</i> , 2020, 11, 950.	1.7	11

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19	Diversity and versatile functions of metallothioneins produced by plants: A review. <i>Pedosphere</i> , 2020, 30, 577-588.	2.1	21
20	The genome evolution and domestication of tropical fruit mango. <i>Genome Biology</i> , 2020, 21, 60.	3.8	104
21	Parallel Transcriptional Regulation of Artemisinin and Flavonoid Biosynthesis. <i>Trends in Plant Science</i> , 2020, 25, 466-476.	4.3	52
22	Comprehensive Map of the <i>Artemisia annua</i> Proteome and Quantification of Differential Protein Expression in Chemotypes Producing High versus Low Content of Artemisinin. <i>Proteomics</i> , 2020, 20, e1900310.	1.3	6
23	High-Level Patchoulol Biosynthesis in <i>Artemisia annua</i> L.. <i>Frontiers in Bioengineering and Biotechnology</i> , 2020, 8, 621127.	2.0	3
24	Matching is the Key Factor to Improve the Production of Patchoulol in the Plant Chassis of <i>Marchantia paleacea</i> . <i>ACS Omega</i> , 2020, 5, 33028-33038.	1.6	8
25	CrERF5, an AP2/ERF Transcription Factor, Positively Regulates the Biosynthesis of Bisindole Alkaloids and Their Precursors in <i>Catharanthus roseus</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 931.	1.7	47
26	Stress associated protein 1 regulates the development of glandular trichomes in <i>Artemisia annua</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2019, 139, 249-259.	1.2	13
27	The YABBY Family Transcription Factor AaYABBY5 Directly Targets Cytochrome P450 Monooxygenase (CYP71AV1) and Double-Bond Reductase 2 (DBR2) Involved in Artemisinin Biosynthesis in <i>Artemisia Annua</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 1084.	1.7	24
28	Biological Activities of Artemisinins Beyond Anti-Malarial: a Review. <i>Tropical Plant Biology</i> , 2019, 12, 231-243.	1.0	7
29	Light-Induced Artemisinin Biosynthesis Is Regulated by the bZIP Transcription Factor AaHY5 in <i>Artemisia annua</i> . <i>Plant and Cell Physiology</i> , 2019, 60, 1747-1760.	1.5	70
30	The cold-induced transcription factor bHLH112 promotes artemisinin biosynthesis indirectly via ERF1 in <i>Artemisia annua</i> . <i>Journal of Experimental Botany</i> , 2019, 70, 4835-4848.	2.4	47
31	Interaction of bZIP transcription factor TGA6 with salicylic acid signaling modulates artemisinin biosynthesis in <i>Artemisia annua</i> . <i>Journal of Experimental Botany</i> , 2019, 70, 3969-3979.	2.4	46
32	The SPB-Box Transcription Factor AaSPL2 Positively Regulates Artemisinin Biosynthesis in <i>Artemisia annua</i> L.. <i>Frontiers in Plant Science</i> , 2019, 10, 409.	1.7	25
33	Jasmonic acid-responsive AabHLH1 positively regulates artemisinin biosynthesis in <i>Artemisia annua</i> . <i>Biotechnology and Applied Biochemistry</i> , 2019, 66, 369-375.	1.4	27
34	Harmonic emission level assessment method based on parameter identification analysis. <i>IET Generation, Transmission and Distribution</i> , 2019, 13, 976-983.	1.4	12
35	The Transcription Factor Aabzip9 Positively Regulates the Biosynthesis of Artemisinin in <i>Artemisia annua</i> . <i>Frontiers in Plant Science</i> , 2019, 10, 1294.	1.7	14
36	The Genome of <i>Artemisia annua</i> Provides Insight into the Evolution of Asteraceae Family and Artemisinin Biosynthesis. <i>Molecular Plant</i> , 2018, 11, 776-788.	3.9	205

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37	A novel HD-ZIP IV/MIXTA complex promotes glandular trichome initiation and cuticle development in <i>Artemisia annua</i> . <i>New Phytologist</i> , 2018, 218, 567-578.	3.5	123
38	ARTEMISININ BIOSYNTHESIS PROMOTING KINASE 1 positively regulates artemisinin biosynthesis through phosphorylating AabZIP1. <i>Journal of Experimental Botany</i> , 2018, 69, 1109-1123.	2.4	40
39	The <i>Artemisia annua</i> FLOWERING LOCUS T Homolog 2, AaFT2, is a key regulator of flowering time. <i>Plant Physiology and Biochemistry</i> , 2018, 126, 197-205.	2.8	5
40	The roles of AaMIXTA1 in regulating the initiation of glandular trichomes and cuticle biosynthesis in <i>Artemisia annua</i> . <i>New Phytologist</i> , 2018, 217, 261-276.	3.5	119
41	Jasmonate promotes artemisinin biosynthesis by activating the TCP14-ORA complex in <i>Artemisia annua</i> . <i>Science Advances</i> , 2018, 4, eaas9357.	4.7	101
42	AaABF3, an Abscisic Acid-Responsive Transcription Factor, Positively Regulates Artemisinin Biosynthesis in <i>Artemisia annua</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 1777.	1.7	37
43	AaEIN3 Mediates the Downregulation of Artemisinin Biosynthesis by Ethylene Signaling Through Promoting Leaf Senescence in <i>Artemisia annua</i> . <i>Frontiers in Plant Science</i> , 2018, 9, 413.	1.7	17
44	AaMYB1 and its orthologue AtMYB61 affect terpene metabolism and trichome development in <i>Artemisia annua</i> and <i>Arabidopsis thaliana</i> . <i>Plant Journal</i> , 2017, 90, 520-534.	2.8	163
45	Promotion of artemisinin content in <i>Artemisia annua</i> by overexpression of multiple artemisinin biosynthetic pathway genes. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 129, 251-259.	1.2	35
46	Strategies for Enhancing Alkaloids Yield in <i>Catharanthus roseus</i> Via Metabolic Engineering Approaches. , 2017, , 1-16.		1
47	Glandular trichome-specific expression of alcohol dehydrogenase 1 (ADH1) using a promoter-GUS fusion in <i>Artemisia annua</i> L.. <i>Plant Cell, Tissue and Organ Culture</i> , 2017, 130, 61-72.	1.2	16
48	GLANDULAR TRICHOME-SPECIFIC WRKY1 promotes artemisinin biosynthesis in <i>Artemisia annua</i> . <i>New Phytologist</i> , 2017, 214, 304-316.	3.5	171
49	New insights into artemisinin regulation. <i>Plant Signaling and Behavior</i> , 2017, 12, e1366398.	1.2	32
50	Molecular cloning, characterization, and promoter analysis of the isochorismate synthase (AaICS1) gene from <i>Artemisia annua</i> . <i>Journal of Zhejiang University: Science B</i> , 2017, 18, 662-673.	1.3	6
51	HOMEODOMAIN PROTEIN1 is required for jasmonate-mediated glandular trichome initiation in <i>Artemisia annua</i> . <i>New Phytologist</i> , 2017, 213, 1145-1155.	3.5	170
52	AaPDR3, a PDR Transporter 3, Is Involved in Sesquiterpene β -Caryophyllene Transport in <i>Artemisia annua</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 723.	1.7	50
53	Transcriptome Analysis of Genes Associated with the Artemisinin Biosynthesis by Jasmonic Acid Treatment under the Light in <i>Artemisia annua</i> . <i>Frontiers in Plant Science</i> , 2017, 8, 971.	1.7	69
54	Overexpression of AaWRKY1 Leads to an Enhanced Content of Artemisinin in <i>Artemisia annua</i> . <i>BioMed Research International</i> , 2016, 2016, 1-9.	0.9	46

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55	Plant Metabolic Engineering Strategies for the Production of Pharmaceutical Terpenoids. <i>Frontiers in Plant Science</i> , 2016, 7, 1647.	1.7	106
56	T-shaped trichome-specific expression of monoterpene synthase ADH2 using promoter-GUS fusion in transgenic <i>Artemisia annua</i> L. <i>Biotechnology and Applied Biochemistry</i> , 2016, 63, 834-840.	1.4	5
57	Overexpression of a Novel NAC Domain-Containing Transcription Factor Gene (<i>AaNAC1</i>) Enhances the Content of Artemisinin and Increases Tolerance to Drought and <i>Botrytis cinerea</i> in <i>Artemisia annua</i> . <i>Plant and Cell Physiology</i> , 2016, 57, 1961-1971.	1.5	95
58	The jasmonate-responsive AaMYC2 transcription factor positively regulates artemisinin biosynthesis in <i>Artemisia annua</i> . <i>New Phytologist</i> , 2016, 210, 1269-1281.	3.5	230
59	Characterization of a trichome-specific promoter of the aldehyde dehydrogenase 1 (ALDH1) gene in <i>Artemisia annua</i> . <i>Plant Cell, Tissue and Organ Culture</i> , 2016, 126, 469-480.	1.2	15
60	Transcriptional regulation of artemisinin biosynthesis in <i>Artemisia annua</i> L. <i>Science Bulletin</i> , 2016, 61, 18-25.	4.3	48
61	A simple and rapid HPLC-DAD method for simultaneously monitoring the accumulation of alkaloids and precursors in different parts and different developmental stages of <i>Catharanthus roseus</i> plants. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2016, 1014, 10-16.	1.2	34
62	Branch Pathway Blocking in <i>Artemisia annua</i> is a Useful Method for Obtaining High Yield Artemisinin. <i>Plant and Cell Physiology</i> , 2016, 57, 588-602.	1.5	70
63	Monoterpenoid indole alkaloids biosynthesis and its regulation in <i>Catharanthus roseus</i> : a literature review from genes to metabolites. <i>Phytochemistry Reviews</i> , 2016, 15, 221-250.	3.1	146
64	Roles of MPBQ-MT in Promoting γ -Tocopherol Production and Photosynthesis under High Light in Lettuce. <i>PLoS ONE</i> , 2016, 11, e0148490.	1.1	19
65	Microgrid modeling and simulation scenario design for power quality analysis. , 2015, , .		6
66	A Basic Leucine Zipper Transcription Factor, AabZIP1, Connects Abscisic Acid Signaling with Artemisinin Biosynthesis in <i>Artemisia annua</i> . <i>Molecular Plant</i> , 2015, 8, 163-175.	3.9	198
67	OSC2 and CYP716A14v2 Catalyze the Biosynthesis of Triterpenoids for the Cuticle of Aerial Organs of <i>Artemisia annua</i> . <i>Plant Cell</i> , 2015, 27, 286-301.	3.1	96
68	Metabolic engineering of vitamin C production in <i>Arabidopsis</i> . <i>Biotechnology and Bioprocess Engineering</i> , 2015, 20, 677-684.	1.4	3
69	Manipulation of the Rice L-Galactose Pathway: Evaluation of the Effects of Transgene Overexpression on Ascorbate Accumulation and Abiotic Stress Tolerance. <i>PLoS ONE</i> , 2015, 10, e0125870.	1.1	64
70	Progress in NMR-based metabolomics of <i>Catharanthus roseus</i> . <i>Frontiers of Agricultural Science and Engineering</i> , 2015, 2, 195.	0.9	1
71	Cloning and characterization of DELLA genes in <i>Artemisia annua</i> . <i>Genetics and Molecular Research</i> , 2015, 14, 10037-10049.	0.3	7
72	Overexpression of Allene Oxide Cyclase Improves the Biosynthesis of Artemisinin in <i>Artemisia annua</i> L.. <i>PLoS ONE</i> , 2014, 9, e91741.	1.1	27

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73	Type 2C Phosphatase 1 of <i>Artemisia annua</i> L. Is a Negative Regulator of ABA Signaling. <i>BioMed Research International</i> , 2014, 2014, 1-9.	0.9	14
74	Characterization of the 5' flanking region of lipase gene from <i>Penicillium expansum</i> and its application in molecular breeding. <i>Biotechnology and Applied Biochemistry</i> , 2014, 61, 493-500.	1.4	0
75	Molecular Cloning and Characterization of a Trichome-Specific Promoter of Artemisinic Aldehyde 11(13) Reductase (DBR2) in <i>Artemisia annua</i> . <i>Plant Molecular Biology Reporter</i> , 2014, 32, 82-91.	1.0	35
76	Over-expression of the Gr5 <i>aroA</i> gene from glyphosate-contaminated soil confers high tolerance to glyphosate in tobacco. <i>Molecular Breeding</i> , 2014, 33, 197-208.	1.0	8
77	Transgenic approach to increase artemisinin content in <i>Artemisia annua</i> L.. <i>Plant Cell Reports</i> , 2014, 33, 605-615.	2.8	86
78	Reference Gene Selection for Gene Expression Studies Using Quantitative Real-Time PCR Normalization in <i>Atropa belladonna</i> . <i>Plant Molecular Biology Reporter</i> , 2014, 32, 1002-1014.	1.0	27
79	Characterization of the Promoter of <i>Artemisia annua</i> Amorpho-4,11-diene Synthase (ADS) Gene Using Homologous and Heterologous Expression as well as Deletion Analysis. <i>Plant Molecular Biology Reporter</i> , 2014, 32, 406-418.	1.0	20
80	Isolation and characterization of BnMCK1 responsive to multiple stresses and affecting plant architecture in tobacco. <i>Acta Physiologiae Plantarum</i> , 2014, 36, 1313-1324.	1.0	14
81	Over-expression of l-galactono- γ -lactone dehydrogenase increases vitamin C, total phenolics and antioxidant activity in lettuce through bio-fortification. <i>Plant Cell, Tissue and Organ Culture</i> , 2013, 114, 225-236.	1.2	14
82	The stacked over-expression of FPS, CYP71AV1 and CPR genes leads to the increase of artemisinin level in <i>Artemisia annua</i> L.. <i>Plant Biotechnology Reports</i> , 2013, 7, 287-295.	0.9	34
83	Effects of artesunate and ursolic acid on hyperlipidemia and its complications in rabbit. <i>European Journal of Pharmaceutical Sciences</i> , 2013, 50, 366-371.	1.9	37
84	Increased γ -tocotrienol content in seeds of transgenic rice overexpressing <i>Arabidopsis</i> γ -tocopherol methyltransferase. <i>Transgenic Research</i> , 2013, 22, 89-99.	1.3	48
85	Engineering secondary cell wall deposition in plants. <i>Plant Biotechnology Journal</i> , 2013, 11, 325-335.	4.1	200
86	<i>Agrobacterium tumefaciens</i> -mediated transformation of <i>Penicillium expansum</i> PE-12 and its application in molecular breeding. <i>Microbiological Research</i> , 2013, 168, 130-137.	2.5	20
87	Promotion of artemisinin biosynthesis in transgenic <i>Artemisia annua</i> by overexpressing ADS, CYP71AV1 and CPR genes. <i>Industrial Crops and Products</i> , 2013, 49, 380-385.	2.5	33
88	<i>At</i> ORA2, a trichome-specific AP2/ERF transcription factor of <i>Artemisia annua</i> , is a positive regulator in the artemisinin biosynthetic pathway and in disease resistance to <i>Botrytis cinerea</i> . <i>New Phytologist</i> , 2013, 198, 1191-1202.	3.5	255
89	Functional analysis of the seed coat-specific gene GbMYB2 from cotton. <i>Plant Physiology and Biochemistry</i> , 2013, 73, 16-22.	2.8	41
90	<i>Agrobacterium tumefaciens</i> -mediated genetic transformation of the Taxol-producing endophytic fungus <i>Ozonium</i> sp EFY21. <i>Genetics and Molecular Research</i> , 2013, 12, 2913-2922.	0.3	13

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91	Molecular cloning and characterization of the glyceraldehyde-3-phosphate dehydrogenase gene from <i>Penicillium expansum</i> PE-12. <i>Genetics and Molecular Research</i> , 2013, 12, 2442-2454.	0.3	0
92	Overexpression of the <i>Artemisia</i> Orthologue of ABA Receptor, AaPYL9, Enhances ABA Sensitivity and Improves Artemisinin Content in <i>Artemisia annua</i> L. <i>PLoS ONE</i> , 2013, 8, e56697.	1.1	61
93	AaERF1 Positively Regulates the Resistance to <i>Botrytis cinerea</i> in <i>Artemisia annua</i> . <i>PLoS ONE</i> , 2013, 8, e57657.	1.1	38
94	Effect of Germination on Phytochemical Profiles and Antioxidant Activity of Mung Bean Sprouts (<i>Vigna radiata</i>). <i>Journal of Agricultural and Food Chemistry</i> , 2012, 60, 11050-11055.	2.4	193
95	Recombinant hHscF ^h RC ^h RN ^h ase protein derived from transgenic tobacco acts as a bifunctional molecular complex against hepatocellular carcinoma. <i>Biotechnology and Applied Biochemistry</i> , 2012, 59, 323-329.	1.4	5
96	Development of efficient <i>Catharanthus roseus</i> regeneration and transformation system using <i>Agrobacterium tumefaciens</i> and hypocotyls as explants. <i>BMC Biotechnology</i> , 2012, 12, 34.	1.7	57
97	Overexpression of the cytochrome P450 monooxygenase (<i>cyp71av1</i>) and cytochrome P450 reductase (<i>cpr</i>) genes increased artemisinin content in <i>Artemisia annua</i> (Asteraceae). <i>Genetics and Molecular Research</i> , 2012, 11, 3298-3309.	0.3	72
98	Characterization of a novel ERF transcription factor in <i>Artemisia annua</i> and its induction kinetics after hormones and stress treatments. <i>Molecular Biology Reports</i> , 2012, 39, 9521-9527.	1.0	12
99	Overexpression of ORCA3 and G10H in <i>Catharanthus roseus</i> Plants Regulated Alkaloid Biosynthesis and Metabolism Revealed by NMR-Metabolomics. <i>PLoS ONE</i> , 2012, 7, e43038.	1.1	107
100	Identification of Gene Modules Associated with Drought Response in Rice by Network-Based Analysis. <i>PLoS ONE</i> , 2012, 7, e33748.	1.1	61
101	An oleosin-fusion protein driven by the CaMV35S promoter is accumulated in <i>Arabidopsis</i> (Brassicaceae) seeds and correctly targeted to oil bodies. <i>Genetics and Molecular Research</i> , 2012, 11, 2138-2146.	0.3	8
102	Isolation and characterization of a gene encoding 3-hydroxy-3-methylglutaryl coenzyme A reductase from an endophytic taxol-producing fungus BT2. <i>Annals of Microbiology</i> , 2012, 62, 587-595.	1.1	0
103	Analysis of <i>Arabidopsis</i> genes encoding putative class III lipases. <i>Journal of Plant Biochemistry and Biotechnology</i> , 2012, 21, 261-267.	0.9	7
104	Identification of Putative <i>Artemisia annua</i> ABCG Transporter Unigenes Related to Artemisinin Yield Following Expression Analysis in Different Plant Tissues and in Response to Methyl Jasmonate and Abscisic Acid Treatments. <i>Plant Molecular Biology Reporter</i> , 2012, 30, 838-847.	1.0	20
105	Engineering ascorbic acid biosynthetic pathway in <i>Arabidopsis</i> leaves by single and double gene transformation. <i>Biologia Plantarum</i> , 2012, 56, 451-457.	1.9	44
106	Characterization of the first specific jasmonate biosynthetic pathway gene allene oxide synthase from <i>Artemisia annua</i> . <i>Molecular Biology Reports</i> , 2012, 39, 2267-2274.	1.0	7
107	Biomimetic affinity purification of <i>Candida antarctica</i> lipase B. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , 2011, 879, 3896-3900.	1.2	9
108	Molecular cloning and characterization of 4-hydroxyphenylpyruvate dioxygenase gene from <i>Lactuca sativa</i> . <i>Journal of Plant Physiology</i> , 2011, 168, 1076-1083.	1.6	20

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109	Enhanced accumulation of catharanthine and vindoline in <i>Catharanthus roseus</i> hairy roots by overexpression of transcriptional factor ORCA2. <i>African Journal of Biotechnology</i> , 2011, 10, 3260-3268.	0.3	39
110	Methodology Molecular cloning and characterization of gene coding for β -tocopherol methyltransferase from lettuce (<i>Lactuca sativa</i>). <i>Genetics and Molecular Research</i> , 2011, 10, 3204-3212.	0.3	6
111	Overexpression of homogentisate phytyltransferase in lettuce results in increased content of vitamin E. <i>African Journal of Biotechnology</i> , 2011, 10, 14046-14051.	0.3	6
112	Anti-arthritic Active Fraction of <i>Capparis Spinosa</i> L. Fruits and Its Chemical Constituents. <i>Yakugaku Zasshi</i> , 2011, 131, 423-429.	0.0	40
113	Cloning and characterization of trichome-specific promoter of <i>cpr71av1</i> gene involved in artemisinin biosynthesis in <i>Artemisia annua</i> L.. <i>Molecular Biology</i> , 2011, 45, 751-758.	0.4	26
114	Enhancing the scopolamine production in transgenic plants of <i>Atropa belladonna</i> by overexpressing <i>pmt</i> and <i>h6h</i> genes. <i>Physiologia Plantarum</i> , 2011, 143, 309-315.	2.6	52
115	Overexpression of transcriptional factor ORCA3 increases the accumulation of catharanthine and vindoline in <i>Catharanthus roseus</i> hairy roots. <i>Russian Journal of Plant Physiology</i> , 2011, 58, 415-422.	0.5	15
116	Engineering tocopherol biosynthetic pathway in lettuce. <i>Biologia Plantarum</i> , 2011, 55, 453-460.	1.9	19
117	Molecular Cloning and Characterization of a Novel <i>Gossypium barbadense</i> L. RAD-Like Gene. <i>Plant Molecular Biology Reporter</i> , 2011, 29, 324-333.	1.0	22
118	Expression of Bioactive Thymosin Alpha 1 ($T\alpha 1$) in Marker-free Transgenic Lettuce (<i>Lactuca sativa</i>). <i>Plant Molecular Biology Reporter</i> , 2011, 29, 466-472.	1.0	8
119	Characterization of the Jasmonate Biosynthetic Gene Allene Oxide Cyclase in <i>Artemisia annua</i> L., Source of the Antimalarial Drug Artemisinin. <i>Plant Molecular Biology Reporter</i> , 2011, 29, 489-497.	1.0	14
120	Molecular analysis of a homogentisate phytyltransferase gene from <i>Lactuca sativa</i> L.. <i>Molecular Biology Reports</i> , 2011, 38, 1813-1819.	1.0	11
121	Molecular cloning and expression analysis of a novel SANT/MYB gene from <i>Gossypium barbadense</i> . <i>Molecular Biology Reports</i> , 2011, 38, 2329-2336.	1.0	15
122	Expression of the <i>zga</i> agglutinin gene in tobacco can enhance its anti-pest ability for peach-potato aphid (<i>Myzus persica</i>). <i>Acta Physiologiae Plantarum</i> , 2011, 33, 2003-2010.	1.0	9
123	Enhancement of artemisinin content in tetraploid <i>Artemisia annua</i> plants by modulating the expression of genes in artemisinin biosynthetic pathway. <i>Biotechnology and Applied Biochemistry</i> , 2011, 58, 50-57.	1.4	72
124	Expression of biologically active human insulin-like growth factor 1 in <i>Arabidopsis thaliana</i> seeds via oleosin fusion technology. <i>Biotechnology and Applied Biochemistry</i> , 2011, 58, 139-146.	1.4	9
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