Ke-Xuan Tang

List of Publications by Year
in descending order

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303 papers	11,278 citations	30070 54 h-index	48315 88 g-index
306 all docs	306 docs citations	306 times ranked	9183 citing authors

#	Article	IF	Citations
1	Molecular insights into AabZIP1-mediated regulation on artemisinin biosynthesis and drought tolerance in Artemisia annua. Acta Pharmaceutica Sinica B, 2022, 12, 1500-1513.	12.0	17
2	AaSPL9 affects glandular trichomes initiation by positively regulating expression of AaHD1 in Artemisia annua L.. Plant Science, 2022, 317, 111172.	3.6	17
3	The transcription factors TLR1 and TLR2 negatively regulate trichome density and artemisinin levels in Artemisia annua. Journal of Integrative Plant Biology, 2022, 64, 1212-1228.	8.5	20
4	The truncated AaActin1 promoter is a candidate tool for metabolic engineering of artemisinin biosynthesis in Artemisia annua L.. Journal of Plant Physiology, 2022, 274, 153712.	3.5	5
5	Overexpression of blue light receptor AaCRY1 improves artemisinin content in Artemisia annua L.. Biotechnology and Applied Biochemistry, 2021, 68, 338-344.	3.1	7
6	The WRKY transcription factor AaGSW2 promotes glandular trichome initiation in Artemisia annua. Journal of Experimental Botany, 2021, 72, 1691-1701.	4.8	41
7	Jasmonateâ€•and abscisic acidâ€•activated AaGSW1â€“AaTCP15/AaORA transcriptional cascade promotes artemisinin biosynthesis in Artemisia annua. Plant Biotechnology Journal, 2021, 19, 1412-1428.	8.3	45
8	AaWRKY4 upregulates artemisinin content through boosting the expressions of key enzymes in artemisinin biosynthetic pathway. Plant Cell, Tissue and Organ Culture, 2021, 146, 97-105.	2.3	8
9	An R2R3-MYB Transcription Factor Positively Regulates the Glandular Secretory Trichome Initiation in Artemisia annua L.. Frontiers in Plant Science, 2021, 12, 657156.	3.6	36
10	An HDâ€“ZIPâ€“MYB complex regulates glandular secretory trichome initiation in Artemisia annua. New Phytologist, 2021, 231, 2050-2064.	7.3	41
11	Transcriptomic analysis reveals the parallel transcriptional regulation of UV-B-induced artemisinin and flavonoid accumulation in Artemisia annua L.. Plant Physiology and Biochemistry, 2021, 163, 189-200.	5.8	23
12	AaMYB15, an R2R3-MYB TF in Artemisia annua, acts as a negative regulator of artemisinin biosynthesis. Plant Science, 2021, 308, 110920.	3.6	21
13	AaWRKY9 contributes to lightâ€•and jasmonateâ€•mediated to regulate the biosynthesis of artemisinin in Artemisia annua. New Phytologist, 2021, 231, 1858-1874.	7.3	67
14	AaWRKY17, a positive regulator of artemisinin biosynthesis, is involved in resistance to Pseudomonas syringae in Artemisia annua. Horticulture Research, 2021, 8, 217.	6.3	21
15	A high-efficiency Agrobacterium-mediated transient expression system in the leaves of Artemisia annua L.. Plant Methods, 2021, 17, 106.	4.3	16
16	Transcriptional regulation of flavonoid biosynthesis in Artemisia annua by AaYABBY5. Horticulture Research, 2021, 8, 257.	6.3	24
17	The ameliorative effects of exogenous inoculation of Piriformospora indica on molecular, biochemical and physiological parameters of Artemisia annua L. under arsenic stress condition. Ecotoxicology and Environmental Safety, 2020, 206, 111202.	6.0	28
18	AaABCG40 Enhances Artemisinin Content and Modulates Drought Tolerance in Artemisia annua. Frontiers in Plant Science, 2020, 11, 950.	3.6	11

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19	Diversity and versatile functions of metallothioneins produced by plants: A review. Pedosphere, 2020, 30, 577-588.	4.0	21
20	The genome evolution and domestication of tropical fruit mango. Genome Biology, 2020, 21, 60.	8.8	104
21	Parallel Transcriptional Regulation of Artemisinin and Flavonoid Biosynthesis. Trends in Plant Science, 2020, 25, 466-476.	8.8	52
22	Comprehensive Map of the Artemisia annua Proteome and Quantification of Differential Protein Expression in Chemotypes Producing High versus Low Content of Artemisinin. Proteomics, 2020, 20, e1900310.	2.2	6
23	High-Level Patchoulol Biosynthesis in Artemisia annua L.. Frontiers in Bioengineering and Biotechnology, 2020, 8, 621127.	4.1	3
24	Matching is the Key Factor to Improve the Production of Patchoulol in the Plant Chassis of Marchantia paleacea. ACS Omega, 2020, 5, 33028-33038.	3.5	8
25	CrERF5, an AP2/ERF Transcription Factor, Positively Regulates the Biosynthesis of Bisindole Alkaloids and Their Precursors in Catharanthus roseus. Frontiers in Plant Science, 2019, 10, 931.	3.6	47
26	Stress associated protein 1 regulates the development of glandular trichomes in Artemisia annua. Plant Cell, Tissue and Organ Culture, 2019, 139, 249-259.	2.3	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 Artemisia Annua. Frontiers in Plant Science, 2019, 10, 1084.	3.6	24
28	Biological Activities of Artemisinins Beyond Anti-Malarial: a Review. Tropical Plant Biology, 2019, 12, 231-243.	1.9	7
29	Light-Induced Artemisinin Biosynthesis Is Regulated by the bZIP Transcription Factor AaHY5 in Artemisia annua. Plant and Cell Physiology, 2019, 60, 1747-1760.	3.1	70
30	The cold-induced transcription factor bHLH112 promotes artemisinin biosynthesis indirectly via ERF1 in Artemisia annua. Journal of Experimental Botany, 2019, 70, 4835-4848.	4.8	47
31	Interaction of bZIP transcription factor TGA6 with salicylic acid signaling modulates artemisinin biosynthesis in Artemisia annua. Journal of Experimental Botany, 2019, 70, 3969-3979.	4.8	46
32	The SPB-Box Transcription Factor AaSPL2 Positively Regulates Artemisinin Biosynthesis in Artemisia annua L.. Frontiers in Plant Science, 2019, 10, 409.	3.6	25
33	Jasmonic acidâ€responsive AabHLH1 positively regulates artemisinin biosynthesis in Artemisia annua. Biotechnology and Applied Biochemistry, 2019, 66, 369-375.	3.1	27
34	Harmonic emission level assessment method based on parameter identification analysis. IET Generation, Transmission and Distribution, 2019, 13, 976-983.	2.5	12
35	The Transcription Factor Aabzip9 Positively Regulates the Biosynthesis of Artemisinin in Artemisia annua. Frontiers in Plant Science, 2019, 10, 1294.	3.6	14
36	The Genome of Artemisia annua Provides Insight into the Evolution of Asteraceae Family and Artemisinin Biosynthesis. Molecular Plant, 2018, 11, 776-788.	8.3	205

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37	A novel HDâ€ZIP IV/MIXTA complex promotes glandular trichome initiation and cuticle development in Artemisia annua. New Phytologist, 2018, 218, 567-578.	7.3	123
38	ARTEMISININ BIOSYNTHESIS PROMOTING KINASE 1 positively regulates artemisinin biosynthesis through phosphorylating AabZIP1. Journal of Experimental Botany, 2018, 69, 1109-1123.	4.8	40
39	The Artemisia annua FLOWERING LOCUS T Homolog 2, AaFT2, is a key regulator of flowering time. Plant Physiology and Biochemistry, 2018, 126, 197-205.	5.8	5
40	The roles of Aa<scp>MIXTA</scp>1 in regulating the initiation of glandular trichomes and cuticle biosynthesis in Artemisia annua. New Phytologist, 2018, 217, 261-276.	7.3	119
41	Jasmonate promotes artemisinin biosynthesis by activating the TCP14-ORA complex in Artemisia annua. Science Advances, 2018, 4, eaas9357.	10.3	101
42	AaABF3, an Abscisic Acidâ€“Responsive Transcription Factor, Positively Regulates Artemisinin Biosynthesis in Artemisia annua. Frontiers in Plant Science, 2018, 9, 1777.	3.6	37
43	AaEIN3 Mediates the Downregulation of Artemisinin Biosynthesis by Ethylene Signaling Through Promoting Leaf Senescence in Artemisia annua. Frontiers in Plant Science, 2018, 9, 413.	3.6	17
44	Aa<scp>MYB</scp>1 and its orthologue At<scp>MYB</scp>61 affect terpene metabolism and trichome development in Artemisia annua and Arabidopsis thaliana. Plant Journal, 2017, 90, 520-534.	5.7	163
45	Promotion of artemisinin content in Artemisia annua by overexpression of multiple artemisinin biosynthetic pathway genes. Plant Cell, Tissue and Organ Culture, 2017, 129, 251-259.	2.3	35
46	Strategies for Enhancing Alkaloids Yield in Catharanthus roseus Via Metabolic Engineering Approaches. , 2017, , 1-16.		1
47	Glandular trichome-specific expression of alcohol dehydrogenase 1 (ADH1) using a promoter-GUS fusion in Artemisia annua L.. Plant Cell, Tissue and Organ Culture, 2017, 130, 61-72.	2.3	16
48	<scp>GLANDULAR TRICHOME</scp>â€<scp>SPECIFIC WRKY</scp> 1 promotes artemisinin biosynthesis in Artemisia annua. New Phytologist, 2017, 214, 304-316.	7.3	171
49	New insights into artemisinin regulation. Plant Signaling and Behavior, 2017, 12, e1366398.	2.4	32
50	Molecular cloning, characterization, and promoter analysis of the isochorismate synthase (AaICS1) gene from Artemisia annua. Journal of Zhejiang University: Science B, 2017, 18, 662-673.	2.8	6
51	<scp>HOMEODOMAIN PROTEIN</scp> 1 is required for jasmonateâ€mediated glandular trichome initiation in Artemisia annua. New Phytologist, 2017, 213, 1145-1155.	7.3	170
52	AaPDR3, a PDR Transporter 3, Is Involved in Sesquiterpene Î²-Caryophyllene Transport in Artemisia annua. Frontiers in Plant Science, 2017, 8, 723.	3.6	50
53	Transcriptome Analysis of Genes Associated with the Artemisinin Biosynthesis by Jasmonic Acid Treatment under the Light in Artemisia annua. Frontiers in Plant Science, 2017, 8, 971.	3.6	69
54	Overexpression ofAaWRKY1Leads to an Enhanced Content of Artemisinin inArtemisia annua. BioMed Research International, 2016, 2016, 1-9.	1.9	46

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55	Plant Metabolic Engineering Strategies for the Production of Pharmaceutical Terpenoids. Frontiers in Plant Science, 2016, 7, 1647.	3.6	106
56	Tâ€shaped trichomeâ€specific expression of monoterpene synthase ADH2 using promoterâ€“Î²â€GUS fusion in transgenic Artemisia annua L.. Biotechnology and Applied Biochemistry, 2016, 63, 834-840.	3.1	5
57	Overexpression of a Novel NAC Domain-Containing Transcription Factor Gene (AaNAC1) Enhances the Content of Artemisinin and Increases Tolerance to Drought andBotrytis cinereainArtemisia annua. Plant and Cell Physiology, 2016, 57, 1961-1971.	3.1	95
58	The jasmonateâ€responsive Aa<scp>MYC</scp>2 transcription factor positively regulates artemisinin biosynthesis in Artemisia annua. New Phytologist, 2016, 210, 1269-1281.	7.3	230
59	Characterization of a trichome-specific promoter of the aldehyde dehydrogenase 1 (ALDH1) gene in Artemisia annua. Plant Cell, Tissue and Organ Culture, 2016, 126, 469-480.	2.3	15
60	Transcriptional regulation of artemisinin biosynthesis in Artemisia annua L.. Science Bulletin, 2016, 61, 18-25.	9.0	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 Catharanthus roseus plants. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2016, 1014, 10-16.	2.3	34
62	Branch Pathway Blocking inArtemisia annuais a Useful Method for Obtaining High Yield Artemisinin. Plant and Cell Physiology, 2016, 57, 588-602.	3.1	70
63	Monoterpenoid indole alkaloids biosynthesis and its regulation in Catharanthus roseus: a literature review from genes to metabolites. Phytochemistry Reviews, 2016, 15, 221-250.	6.5	146
64	Roles of MPBQ-MT in Promoting Î±/Î³-Tocopherol Production and Photosynthesis under High Light in Lettuce. PLoS ONE, 2016, 11, e0148490.	2.5	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 Artemisia annua. Molecular Plant, 2015, 8, 163-175.	8.3	198
67	OSC2 and CYP716A14v2 Catalyze the Biosynthesis of Triterpenoids for the Cuticle of Aerial Organs of Artemisia annua. Plant Cell, 2015, 27, 286-301.	6.6	96
68	Metabolic engineering of vitamin C production in Arabidopsis. Biotechnology and Bioprocess Engineering, 2015, 20, 677-684.	2.6	3
69	Manipulation of the Rice L-Galactose Pathway: Evaluation of the Effects of Transgene Overexpression on Ascorbate Accumulation and Abiotic Stress Tolerance. PLoS ONE, 2015, 10, e0125870.	2.5	64
70	Progress in NMR-based metabolomics of Catharanthus roseus. Frontiers of Agricultural Science and Engineering, 2015, 2, 195.	1.4	1
71	Cloning and characterization of DELLA genes in Artemisia annua. Genetics and Molecular Research, 2015, 14, 10037-10049.	0.2	7
72	Overexpression of Allene Oxide Cyclase Improves the Biosynthesis of Artemisinin in Artemisia annua L.. PLoS ONE, 2014, 9, e91741.	2.5	27

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73	Type 2C Phosphatase 1 ofArtemisia annuaL. Is a Negative Regulator of ABA Signaling. BioMed Research International, 2014, 2014, 1-9.	1.9	14
74	Characterization of the 5â€² flanking region of lipase gene from <scp>P</scp>enicillium expansum and its application in molecular breeding. Biotechnology and Applied Biochemistry, 2014, 61, 493-500.	3.1	0
75	Molecular Cloning and Characterization of a Trichome-Specific Promoter of Artemisinic Aldehyde Î”11(13) Reductase (DBR2) in Artemisia annua. Plant Molecular Biology Reporter, 2014, 32, 82-91.	1.8	35
76	Over-expression of the Gr5 aroA gene from glyphosate-contaminated soil confers high tolerance to glyphosate in tobacco. Molecular Breeding, 2014, 33, 197-208.	2.1	8
77	Transgenic approach to increase artemisinin content in Artemisia annua L.. Plant Cell Reports, 2014, 33, 605-615.	5.6	86
78	Reference Gene Selection for Gene Expression Studies Using Quantitative Real-Time PCR Normalization in Atropa belladonna. Plant Molecular Biology Reporter, 2014, 32, 1002-1014.	1.8	27
79	Characterization of the Promoter of Artemisia annua Amorpha-4,11-diene Synthase (ADS) Gene Using Homologous and Heterologous Expression as well as Deletion Analysis. Plant Molecular Biology Reporter, 2014, 32, 406-418.	1.8	20
80	Isolation and characterization of BnMKK1 responsive to multiple stresses and affecting plant architecture in tobacco. Acta Physiologiae Plantarum, 2014, 36, 1313-1324.	2.1	14
81	Over-expression of l-galactono-Î³-lactone dehydrogenase increases vitamin C, total phenolics and antioxidant activity in lettuce through bio-fortification. Plant Cell, Tissue and Organ Culture, 2013, 114, 225-236.	2.3	14
82	The stacked over-expression of FPS, CYP71AV1 and CPR genes leads to the increase of artemisinin level in Artemisia annua L.. Plant Biotechnology Reports, 2013, 7, 287-295.	1.5	34
83	Effects of artesunate and ursolic acid on hyperlipidemia and its complications in rabbit. European Journal of Pharmaceutical Sciences, 2013, 50, 366-371.	4.0	37
84	Increased Î±-tocotrienol content in seeds of transgenic rice overexpressing Arabidopsis Î³-tocopherol methyltransferase. Transgenic Research, 2013, 22, 89-99.	2.4	48
85	Engineering secondary cell wall deposition in plants. Plant Biotechnology Journal, 2013, 11, 325-335.	8.3	200
86	Agrobacterium tumefaciens-mediated transformation of Penicillium expansum PE-12 and its application in molecular breeding. Microbiological Research, 2013, 168, 130-137.	5.3	20
87	Promotion of artemisinin biosynthesis in transgenic Artemisia annua by overexpressing ADS, CYP71AV1 and CPR genes. Industrial Crops and Products, 2013, 49, 380-385.	5.2	33
88	<scp>A</scp>a<scp>ORA</scp>, a trichomeâ€specific <scp>AP</scp>2/<scp>ERF</scp> transcription factor of <scp>A</scp>rtemisia annua, is a positive regulator in the artemisinin biosynthetic pathway and in disease resistance to <scp>B</scp>otrytis cinerea. New Phytologist, 2013, 198, 1191-1202.	7.3	255
89	Functional analysis of the seed coat-specific gene GbMYB2 from cotton. Plant Physiology and Biochemistry, 2013, 73, 16-22.	5.8	41
90	Agrobacterium tumefaciens-mediated genetic transformation of the Taxol-producing endophytic fungus Ozonium sp EFY21. Genetics and Molecular Research, 2013, 12, 2913-2922.	0.2	13

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91	Molecular cloning and characterization of the glyceraldehyde-3-phosphate dehydrogenase gene from Penicillium expansum PE-12. Genetics and Molecular Research, 2013, 12, 2442-2454.	0.2	0
92	Overexpression of the Artemisia Orthologue of ABA Receptor, AaPYL9, Enhances ABA Sensitivity and Improves Artemisinin Content in Artemisia annua L. PLoS ONE, 2013, 8, e56697.	2.5	61
93	AaERF1 Positively Regulates the Resistance to Botrytis cinerea in Artemisia annua. PLoS ONE, 2013, 8, e57657.	2.5	38
94	Effect of Germination on Phytochemical Profiles and Antioxidant Activity of Mung Bean Sprouts (Vigna radiata). Journal of Agricultural and Food Chemistry, 2012, 60, 11050-11055.	5.2	193
95	Recombinant h<scp>H</scp>sc<scp>F</scp>vâ€“<scp>RC</scp>â€<scp>RN</scp>ase protein derived from transgenic tobacco acts as a bifunctional molecular complex against hepatocellular carcinoma. Biotechnology and Applied Biochemistry, 2012, 59, 323-329.	3.1	5
96	Development of efficient catharanthus roseus regeneration and transformation system using agrobacterium tumefaciens and hypocotyls as explants. BMC Biotechnology, 2012, 12, 34.	3.3	57
97	Overexpression of the cytochrome P450 monooxygenase (cyp71av1) and cytochrome P450 reductase (cpr) genes increased artemisinin content in Artemisia annua (Asteraceae). Genetics and Molecular Research, 2012, 11, 3298-3309.	0.2	72
98	Characterization of a novel ERF transcription factor in Artemisia annua and its induction kinetics after hormones and stress treatments. Molecular Biology Reports, 2012, 39, 9521-9527.	2.3	12
99	Overexpression of ORCA3 and G10H in Catharanthus roseus Plants Regulated Alkaloid Biosynthesis and Metabolism Revealed by NMR-Metabolomics. PLoS ONE, 2012, 7, e43038.	2.5	107
100	Identification of Gene Modules Associated with Drought Response in Rice by Network-Based Analysis. PLoS ONE, 2012, 7, e33748.	2.5	61
101	An oleosin-fusion protein driven by the CaMV35S promoter is accumulated in Arabidopsis (Brassicaceae) seeds and correctly targeted to oil bodies. Genetics and Molecular Research, 2012, 11, 2138-2146.	0.2	8
102	Isolation and characterization of a gene encoding 3-hydroxy-3-methylglutary coenzyme A reductase from an endophytic taxol-producing fungus BT2. Annals of Microbiology, 2012, 62, 587-595.	2.6	0
103	Analysis of Arabidopsis genes encoding putative class III lipases. Journal of Plant Biochemistry and Biotechnology, 2012, 21, 261-267.	1.7	7
104	Identification of Putative Artemisia annua ABCG Transporter Unigenes Related to Artemisinin Yield Following Expression Analysis in Different Plant Tissues and in Response to Methyl Jasmonate and Abscisic Acid Treatments. Plant Molecular Biology Reporter, 2012, 30, 838-847.	1.8	20
105	Engineering ascorbic acid biosynthetic pathway in Arabidopsis leaves by single and double gene transformation. Biologia Plantarum, 2012, 56, 451-457.	1.9	44
106	Characterization of the first specific jasmonate biosynthetic pathway gene allene oxide synthase from Artemisia annua. Molecular Biology Reports, 2012, 39, 2267-2274.	2.3	7
107	Biomimetic affinity purification of Candida antarctica lipase B. Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences, 2011, 879, 3896-3900.	2.3	9
108	Molecular cloning and characterization of 4-hydroxyphenylpyruvate dioxygenase gene from Lactuca sativa. Journal of Plant Physiology, 2011, 168, 1076-1083.	3.5	20

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109	Enhanced accumulation of catharanthine and vindoline in Catharanthus roseus hairy roots by overexpression of transcriptional factor ORCA2. African Journal of Biotechnology, 2011, 10, 3260-3268.	0.6	39
110	Methodology Molecular cloning and characterization of gene coding for Î³-tocopherol methyltransferase from lettuce (Lactuca sativa). Genetics and Molecular Research, 2011, 10, 3204-3212.	0.2	6
111	Overexpression of homogentisate phytyltransferase in lettuce results in increased content of vitamin E. African Journal of Biotechnology, 2011, 10, 14046-14051.	0.6	6
112	Anti-arthritic Active Fraction of <i>Capparis Spinosa</i> L. Fruits and Its Chemical Constituents. Yakugaku Zasshi, 2011, 131, 423-429.	0.2	40
113	Cloning and characterization of trichome-specific promoter of cpr71av1 gene involved in artemisinin biosynthesis in Artemisia annua L.. Molecular Biology, 2011, 45, 751-758.	1.3	26
114	Enhancing the scopolamine production in transgenic plants of Atropa belladonna by overexpressing pmt and h6h genes. Physiologia Plantarum, 2011, 143, 309-315.	5.2	52
115	Overexpression of transcriptional factor ORCA3 increases the accumulation of catharanthine and vindoline in Catharanthus roseus hairy roots. Russian Journal of Plant Physiology, 2011, 58, 415-422.	1.1	15
116	Engineering tocopherol biosynthetic pathway in lettuce. Biologia Plantarum, 2011, 55, 453-460.	1.9	19
117	Molecular Cloning and Characterization of a Novel Gossypium barbadense L. RAD-Like Gene. Plant Molecular Biology Reporter, 2011, 29, 324-333.	1.8	22
118	Expression of Bioactive Thymosin Alpha 1 (TÎ±1) in Marker-free Transgenic Lettuce (Lactuca sativa). Plant Molecular Biology Reporter, 2011, 29, 466-472.	1.8	8
119	Characterization of the Jasmonate Biosynthetic Gene Allene Oxide Cyclase in Artemisia annua L., Source of the Antimalarial Drug Artemisinin. Plant Molecular Biology Reporter, 2011, 29, 489-497.	1.8	14
120	Molecular analysis of a homogentisate phytyltransferase gene from Lactuca sativa L.. Molecular Biology Reports, 2011, 38, 1813-1819.	2.3	11
121	Molecular cloning and expression analysis of a novel SANT/MYB gene from Gossypium barbadense. Molecular Biology Reports, 2011, 38, 2329-2336.	2.3	15
122	Expression of the zga agglutinin gene in tobacco can enhance its anti-pest ability for peach-potato aphid (Myzus persica). Acta Physiologiae Plantarum, 2011, 33, 2003-2010.	2.1	9
123	Enhancement of artemisinin content in tetraploidArtemisia annuaplants by modulating the expression of genes in artemisinin biosynthetic pathway. Biotechnology and Applied Biochemistry, 2011, 58, 50-57.	3.1	72
124	Expression of biologically active human insulinâ€like growth factor 1 in Arabidopsis thaliana seeds via oleosin fusion technology. Biotechnology and Applied Biochemistry, 2011, 58, 139-146.	3.1	9
125	Induction and Flow Cytometry Identification of Tetraploids from Seed-Derived Explants through Colchicine Treatments inCatharanthus roseus(L.) G. Don. Journal of Biomedicine and Biotechnology, 2011, 2011, 1-10.	3.0	45
126	Molecular cloning and characterization of a tocopherol cyclase gene from Lactuca sativa (Asteraceae). Genetics and Molecular Research, 2011, 10, 693-702.	0.2	11

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127	Cloning and characterization of trichome-specific promoter of cpr71av1 gene involved in artemisinin biosynthesis in Artemisia annua L. Molekulyarnaya Biologiya, 2011, 45, 817-24.	0.5	8
128	Effect of wounding on gene expression involved in artemisinin biosynthesis and artemisinin production in Artemisia annua. Russian Journal of Plant Physiology, 2010, 57, 882-886.	1.1	13
129	A review: recent advances and future prospects of taxol-producing endophytic fungi. Applied Microbiology and Biotechnology, 2010, 86, 1707-1717.	3.6	188
130	Isolation and functional analysis of the Catharanthus roseus deacetylvindoline-4-O-acetyltransferase gene promoter. Plant Cell Reports, 2010, 29, 185-192.	5.6	30
131	Distribution and polymorphism of Mariner-like elements in the Bambusoideae subfamily. Plant Systematics and Evolution, 2010, 289, 1-11.	0.9	20
132	Molecular cloning and functional expression analysis of a new gene encoding geranylgeranyl diphosphate synthase from hazel (Corylus avellana L. Gasaway). Molecular Biology Reports, 2010, 37, 3439-3444.	2.3	15
133	Diversity and evolution of Ty1-copia retroelements in representative tribes of Bambusoideae subfamily. Genetica, 2010, 138, 861-868.	1.1	6
134	Effect of plant growth regulators on the biosynthesis of vinblastine, vindoline and catharanthine in Catharanthus roseus. Plant Growth Regulation, 2010, 60, 133-141.	3.4	54
135	Increased Vitamin C Content Accompanied by an Enhanced Recycling Pathway Confers Oxidative Stress Tolerance in Arabidopsis. Journal of Integrative Plant Biology, 2010, 52, 400-409.	8.5	161
136	Identification and Analysis of the Biosynthetic Gene Cluster Encoding the Thiopeptide Antibiotic Cyclothiazomycin in Streptomyces hygroscopicus 10-22. Applied and Environmental Microbiology, 2010, 76, 2335-2344.	3.1	52
137	An L1 box binding protein, GbML1, interacts with GbMYB25 to control cotton fibre development. Journal of Experimental Botany, 2010, 61, 3599-3613.	4.8	93
138	Engineering tocopherol biosynthetic pathway in Arabidopsis leaves and its effect on antioxidant metabolism. Plant Science, 2010, 178, 312-320.	3.6	36
139	PURIFICATION AND CHARACTERIZATION OF CURCIN, A TOXIC LECTIN FROM THE SEED OFJATROPHA CURCAS. Preparative Biochemistry and Biotechnology, 2010, 40, 107-118.	1.9	39
140	Functional analysis of GbAGL1, a D-lineage gene from cotton (Gossypium barbadense). Journal of Experimental Botany, 2010, 61, 1193-1203.	4.8	13
141	Molecular cloning, expression profiling and functional analyses of a cDNA encoding isopentenyl diphosphate isomerase from Gossypium barbadense. Bioscience Reports, 2009, 29, 111-119.	2.4	13
142	Promotion of nicotine biosynthesis in transgenic tobacco by overexpressing allene oxide cyclase from Hyoscyamus niger. Planta, 2009, 229, 1057-1063.	3.2	14
143	Expression and purification of Zantedeschia aethiopica agglutinin in EscherichiaÂ coli. Molecular Biology Reports, 2009, 36, 437-441.	2.3	4
144	Molecular cloning and expression profiling of the first specific jasmonate biosynthetic pathway gene allene oxide synthase from Lonicera japonica. Molecular Biology Reports, 2009, 36, 487-493.	2.3	14

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145	Silencing of PMT expression caused a surge of anatabine accumulation in tobacco. Molecular Biology Reports, 2009, 36, 2285-2289.	2.3	21
146	Isolation and characterization of a novel cDNA encoding methyl jasmonate-responsive transcription factor TcAP2 from Taxus cuspidata. Biotechnology Letters, 2009, 31, 1801-1809.	2.2	23
147	Allene Oxide Cyclase from Camptotheca acuminata Improves Tolerance Against Low Temperature and Salt Stress in Tobacco and Bacteria. Molecular Biotechnology, 2009, 41, 115-122.	2.4	19
148	Molecular evolution of the E8 promoter in tomato and some of its relative wild species. Journal of Biosciences, 2009, 34, 71-83.	1.1	18
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