

# Ke-Xuan Tang

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/6582108/ke-xuan-tang-publications-by-year.pdf>

**Version:** 2024-04-20

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

302  
papers

7,840  
citations

45  
h-index

73  
g-index

306  
ext. papers

9,638  
ext. citations

4.2  
avg, IF

5.72  
L-index

#	Paper	IF	Citations
302	AaSPL9 affects glandular trichomes initiation by positively regulating expression of AaHD1 in <i>Artemisia annua</i> L.. <i>Plant Science</i> , <b>2022</b> , 317, 111172	5.3	1
301	Molecular insights into AabZIP1-mediated regulation on artemisinin biosynthesis and drought tolerance in .. <i>Acta Pharmaceutica Sinica B</i> , <b>2022</b> , 12, 1500-1513	15.5	0
300	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> , <b>2022</b> ,	8.3	2
299	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> , <b>2022</b> , 274, 153712	3.6	
298	Transcriptional regulation of flavonoid biosynthesis in <i>Artemisia annua</i> by AaYABBY5. <i>Horticulture Research</i> , <b>2021</b> , 8, 257	7.7	1
297	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> , <b>2021</b> , 8, 217	7.7	4
296	A high-efficiency <i>Agrobacterium</i> -mediated transient expression system in the leaves of <i>Artemisia annua</i> L. <i>Plant Methods</i> , <b>2021</b> , 17, 106	5.8	1
295	AaWRKY4 upregulates artemisinin content through boosting the expressions of key enzymes in artemisinin biosynthetic pathway. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2021</b> , 146, 97-105	2.7	0
294	An R2R3-MYB Transcription Factor Positively Regulates the Glandular Secretory Trichome Initiation in L. <i>Frontiers in Plant Science</i> , <b>2021</b> , 12, 657156	6.2	8
293	An HD-ZIP-MYB complex regulates glandular secretory trichome initiation in <i>Artemisia annua</i> . <i>New Phytologist</i> , <b>2021</b> , 231, 2050-2064	9.8	5
292	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> , <b>2021</b> , 163, 189-200	5.4	7
291	AaMYB15, an R2R3-MYB TF in <i>Artemisia annua</i> , acts as a negative regulator of artemisinin biosynthesis. <i>Plant Science</i> , <b>2021</b> , 308, 110920	5.3	2
290	Overexpression of blue light receptor AaCRY1 improves artemisinin content in <i>Artemisia annua</i> L. . <i>Biotechnology and Applied Biochemistry</i> , <b>2021</b> , 68, 338-344	2.8	4
289	The WRKY transcription factor AaGSW2 promotes glandular trichome initiation in <i>Artemisia annua</i> . <i>Journal of Experimental Botany</i> , <b>2021</b> , 72, 1691-1701	7	4
288	Jasmonate- and abscisic acid-activated AaGSW1-AaTCP15/AaORA transcriptional cascade promotes artemisinin biosynthesis in <i>Artemisia annua</i> . <i>Plant Biotechnology Journal</i> , <b>2021</b> , 19, 1412-1428	11.6	9
287	AaWRKY9 contributes to light- and jasmonate-mediated to regulate the biosynthesis of artemisinin in <i>Artemisia annua</i> . <i>New Phytologist</i> , <b>2021</b> , 231, 1858-1874	9.8	9
286	The genome evolution and domestication of tropical fruit mango. <i>Genome Biology</i> , <b>2020</b> , 21, 60	18.3	39

285	Parallel Transcriptional Regulation of Artemisinin and Flavonoid Biosynthesis. <i>Trends in Plant Science</i> , <b>2020</b> , 25, 466-476	13.1	18
284	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> , <b>2020</b> , 20, e1900310 <sup>3</sup>	4.8	3
283	Matching is the Key Factor to Improve the Production of Patchoulol in the Plant Chassis of. <i>ACS Omega</i> , <b>2020</b> , 5, 33028-33038	3.9	3
282	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> , <b>2020</b> , 206, 111202	7	12
281	AaABCG40 Enhances Artemisinin Content and Modulates Drought Tolerance in. <i>Frontiers in Plant Science</i> , <b>2020</b> , 11, 950	6.2	5
280	Diversity and versatile functions of metallothioneins produced by plants: A review. <i>Pedosphere</i> , <b>2020</b> , 30, 577-588	5	8
279	High-Level Patchoulol Biosynthesis in <i>L. Frontiers in Bioengineering and Biotechnology</i> , <b>2020</b> , 8, 621127	5.8	1
278	Stress associated protein 1 regulates the development of glandular trichomes in <i>Artemisia annua</i> . <i>Plant Cell, Tissue and Organ Culture</i> , <b>2019</b> , 139, 249-259	2.7	7
277	The YABBY Family Transcription Factor AaYABBY5 Directly Targets Cytochrome P450 Monooxygenase (CYP71AV1) and Double-Bond Reductase 2 (DBR2) Involved in Artemisinin Biosynthesis in. <i>Frontiers in Plant Science</i> , <b>2019</b> , 10, 1084	6.2	11
276	Biological Activities of Artemisinins Beyond Anti-Malarial: a Review. <i>Tropical Plant Biology</i> , <b>2019</b> , 12, 231-243	2.3	3
275	Light-Induced Artemisinin Biosynthesis Is Regulated by the bZIP Transcription Factor AaHY5 in <i>Artemisia annua</i> . <i>Plant and Cell Physiology</i> , <b>2019</b> , 60, 1747-1760	4.9	32
274	The cold-induced transcription factor bHLH112 promotes artemisinin biosynthesis indirectly via ERF1 in <i>Artemisia annua</i> . <i>Journal of Experimental Botany</i> , <b>2019</b> , 70, 4835-4848	7	20
273	Interaction of bZIP transcription factor TGA6 with salicylic acid signaling modulates artemisinin biosynthesis in <i>Artemisia annua</i> . <i>Journal of Experimental Botany</i> , <b>2019</b> , 70, 3969-3979	7	14
272	The SPB-Box Transcription Factor Positively Regulates Artemisinin Biosynthesis in <i>L. Frontiers in Plant Science</i> , <b>2019</b> , 10, 409	6.2	13
271	Jasmonic acid-responsive AabHLH1 positively regulates artemisinin biosynthesis in <i>Artemisia annua</i> . <i>Biotechnology and Applied Biochemistry</i> , <b>2019</b> , 66, 369-375	2.8	9
270	CrERF5, an AP2/ERF Transcription Factor, Positively Regulates the Biosynthesis of Bisindole Alkaloids and Their Precursors in. <i>Frontiers in Plant Science</i> , <b>2019</b> , 10, 931	6.2	23
269	Harmonic emission level assessment method based on parameter identification analysis. <i>IET Generation, Transmission and Distribution</i> , <b>2019</b> , 13, 976-983	2.5	7
268	The Transcription Factor Aabzip9 Positively Regulates the Biosynthesis of Artemisinin in. <i>Frontiers in Plant Science</i> , <b>2019</b> , 10, 1294	6.2	3

267	The Genome of <i>Artemisia annua</i> Provides Insight into the Evolution of Asteraceae Family and Artemisinin Biosynthesis. <i>Molecular Plant</i> , <b>2018</b> , 11, 776-788	14.4	97
266	A novel HD-ZIP IV/MIXTA complex promotes glandular trichome initiation and cuticle development in <i>Artemisia annua</i> . <i>New Phytologist</i> , <b>2018</b> , 218, 567-578	9.8	64
265	ARTEMISININ BIOSYNTHESIS PROMOTING KINASE 1 positively regulates artemisinin biosynthesis through phosphorylating AabZIP1. <i>Journal of Experimental Botany</i> , <b>2018</b> , 69, 1109-1123	7	18
264	The <i>Artemisia annua</i> FLOWERING LOCUS T Homolog 2, AaFT2, is a key regulator of flowering time. <i>Plant Physiology and Biochemistry</i> , <b>2018</b> , 126, 197-205	5.4	2
263	The roles of AaMIXTA1 in regulating the initiation of glandular trichomes and cuticle biosynthesis in <i>Artemisia annua</i> . <i>New Phytologist</i> , <b>2018</b> , 217, 261-276	9.8	60
262	AaEIN3 Mediates the Downregulation of Artemisinin Biosynthesis by Ethylene Signaling Through Promoting Leaf Senescence in. <i>Frontiers in Plant Science</i> , <b>2018</b> , 9, 413	6.2	5
261	Jasmonate promotes artemisinin biosynthesis by activating the TCP14-ORA complex in. <i>Science Advances</i> , <b>2018</b> , 4, eaas9357	14.3	45
260	AaABF3, an Abscisic Acid-Responsive Transcription Factor, Positively Regulates Artemisinin Biosynthesis in. <i>Frontiers in Plant Science</i> , <b>2018</b> , 9, 1777	6.2	10
259	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> , <b>2017</b> , 90, 520-534	6.9	72
258	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> , <b>2017</b> , 129, 251-259	2.7	20
257	Strategies for Enhancing Alkaloids Yield in <i>Catharanthus roseus</i> Via Metabolic Engineering Approaches <b>2017</b> , 1-16		1
256	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> , <b>2017</b> , 130, 61-72	2.7	11
255	GLANDULAR TRICHOME-SPECIFIC WRKY 1 promotes artemisinin biosynthesis in <i>Artemisia annua</i> . <i>New Phytologist</i> , <b>2017</b> , 214, 304-316	9.8	91
254	New insights into artemisinin regulation. <i>Plant Signaling and Behavior</i> , <b>2017</b> , 12, e1366398	2.5	18
253	Molecular cloning, characterization, and promoter analysis of the isochlorismate synthase (AaICS1) gene from <i>Artemisia annua</i> . <i>Journal of Zhejiang University: Science B</i> , <b>2017</b> , 18, 662-673	4.5	5
252	HOMEODOMAIN PROTEIN 1 is required for jasmonate-mediated glandular trichome initiation in <i>Artemisia annua</i> . <i>New Phytologist</i> , <b>2017</b> , 213, 1145-1155	9.8	87
251	AaPDR3, a PDR Transporter 3, Is Involved in Sesquiterpene $\beta$ -Caryophyllene Transport in. <i>Frontiers in Plant Science</i> , <b>2017</b> , 8, 723	6.2	25
250	Transcriptome Analysis of Genes Associated with the Artemisinin Biosynthesis by Jasmonic Acid Treatment under the Light in. <i>Frontiers in Plant Science</i> , <b>2017</b> , 8, 971	6.2	34

249	Monoterpenoid indole alkaloids biosynthesis and its regulation in <i>Catharanthus roseus</i> : a literature review from genes to metabolites. <i>Phytochemistry Reviews</i> , <b>2016</b> , 15, 221-250	7.7	102
248	The jasmonate-responsive AaMYC2 transcription factor positively regulates artemisinin biosynthesis in <i>Artemisia annua</i> . <i>New Phytologist</i> , <b>2016</b> , 210, 1269-81	9.8	136
247	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> , <b>2016</b> , 126, 469-480	2.7	10
246	Transcriptional regulation of artemisinin biosynthesis in <i>Artemisia annua</i> L.. <i>Science Bulletin</i> , <b>2016</b> , 61, 18-25	10.6	31
245	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> , <b>2016</b> , 1014, 10-6	3.2	20
244	Branch Pathway Blocking in <i>Artemisia annua</i> is a Useful Method for Obtaining High Yield Artemisinin. <i>Plant and Cell Physiology</i> , <b>2016</b> , 57, 588-602	4.9	38
243	Roles of MPBQ-MT in Promoting $\gamma$ -Tocopherol Production and Photosynthesis under High Light in Lettuce. <i>PLoS ONE</i> , <b>2016</b> , 11, e0148490	3.7	15
242	Overexpression of AaWRKY1 Leads to an Enhanced Content of Artemisinin in <i>Artemisia annua</i> . <i>BioMed Research International</i> , <b>2016</b> , 2016, 7314971	3	28
241	Plant Metabolic Engineering Strategies for the Production of Pharmaceutical Terpenoids. <i>Frontiers in Plant Science</i> , <b>2016</b> , 7, 1647	6.2	72
240	T-shaped trichome-specific expression of monoterpene synthase ADH2 using promoter-EGUS fusion in transgenic <i>Artemisia annua</i> L. <i>Biotechnology and Applied Biochemistry</i> , <b>2016</b> , 63, 834-840	2.8	3
239	Overexpression of a Novel NAC Domain-Containing Transcription Factor Gene (AaNAC1) 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> , <b>2016</b> , 57, 1961-71	4.9	47
238	Metabolic engineering of vitamin C production in <i>Arabidopsis</i> . <i>Biotechnology and Bioprocess Engineering</i> , <b>2015</b> , 20, 677-684	3.1	3
237	Microgrid modeling and simulation scenario design for power quality analysis <b>2015</b> ,		4
236	A basic leucine zipper transcription factor, AabZIP1, connects abscisic acid signaling with artemisinin biosynthesis in <i>Artemisia annua</i> . <i>Molecular Plant</i> , <b>2015</b> , 8, 163-75	14.4	108
235	OSC2 and CYP716A14v2 catalyze the biosynthesis of triterpenoids for the cuticle of aerial organs of <i>Artemisia annua</i> . <i>Plant Cell</i> , <b>2015</b> , 27, 286-301	11.6	64
234	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> , <b>2015</b> , 10, e0125870	3.7	37
233	Progress in NMR-based metabolomics of <i>Catharanthus roseus</i> . <i>Frontiers of Agricultural Science and Engineering</i> , <b>2015</b> , 2, 195	1.7	1
232	Cloning and characterization of DELLA genes in <i>Artemisia annua</i> . <i>Genetics and Molecular Research</i> , <b>2015</b> , 14, 10037-49	1.2	6

231	Reference Gene Selection for Gene Expression Studies Using Quantitative Real-Time PCR Normalization in <i>Atropa belladonna</i> . <i>Plant Molecular Biology Reporter</i> , <b>2014</b> , 32, 1002-1014	1.7	20
230	Characterization of the Promoter of <i>Artemisia annua</i> Amorpha-4,11-diene Synthase (ADS) Gene Using Homologous and Heterologous Expression as well as Deletion Analysis. <i>Plant Molecular Biology Reporter</i> , <b>2014</b> , 32, 406-418	1.7	10
229	Isolation and characterization of BnMCK1 responsive to multiple stresses and affecting plant architecture in tobacco. <i>Acta Physiologiae Plantarum</i> , <b>2014</b> , 36, 1313-1324	2.6	5
228	Overexpression of allene oxide cyclase improves the biosynthesis of artemisinin in <i>Artemisia annua</i> L. <i>PLoS ONE</i> , <b>2014</b> , 9, e91741	3.7	22
227	Type 2C phosphatase 1 of <i>Artemisia annua</i> L. is a negative regulator of ABA signaling. <i>BioMed Research International</i> , <b>2014</b> , 2014, 521794	3	9
226	Characterization of the 5Rflanking region of lipase gene from <i>Penicillium expansum</i> and its application in molecular breeding. <i>Biotechnology and Applied Biochemistry</i> , <b>2014</b> , 61, 493-500	2.8	
225	Molecular Cloning and Characterization of a Trichome-Specific Promoter of Artemisinic Aldehyde $\Delta$ 1(13) Reductase (DBR2) in <i>Artemisia annua</i> . <i>Plant Molecular Biology Reporter</i> , <b>2014</b> , 32, 82-91	1.7	27
224	Over-expression of the Gr5 <i>aroA</i> gene from glyphosate-contaminated soil confers high tolerance to glyphosate in tobacco. <i>Molecular Breeding</i> , <b>2014</b> , 33, 197-208	3.4	7
223	Transgenic approach to increase artemisinin content in <i>Artemisia annua</i> L. <i>Plant Cell Reports</i> , <b>2014</b> , 33, 605-15	5.1	60
222	Over-expression of l-galactono- $\delta$ -lactone dehydrogenase increases vitamin C, total phenolics and antioxidant activity in lettuce through bio-fortification. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2013</b> , 114, 225-236	2.7	11
221	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> , <b>2013</b> , 7, 287-295	2.5	22
220	Effects of artesunate and ursolic acid on hyperlipidemia and its complications in rabbit. <i>European Journal of Pharmaceutical Sciences</i> , <b>2013</b> , 50, 366-71	5.1	31
219	Increased $\delta$ -ocotrienol content in seeds of transgenic rice overexpressing Arabidopsis $\delta$ -ocopherol methyltransferase. <i>Transgenic Research</i> , <b>2013</b> , 22, 89-99	3.3	34
218	Engineering secondary cell wall deposition in plants. <i>Plant Biotechnology Journal</i> , <b>2013</b> , 11, 325-35	11.6	177
217	<i>Agrobacterium tumefaciens</i> -mediated transformation of <i>Penicillium expansum</i> PE-12 and its application in molecular breeding. <i>Microbiological Research</i> , <b>2013</b> , 168, 130-7	5.3	13
216	Promotion of artemisinin biosynthesis in transgenic <i>Artemisia annua</i> by overexpressing ADS, CYP71AV1 and CPR genes. <i>Industrial Crops and Products</i> , <b>2013</b> , 49, 380-385	5.9	25
215	AaORA, 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> , <b>2013</b> , 198, 1191-1202	9.8	168
214	Functional analysis of the seed coat-specific gene GbMYB2 from cotton. <i>Plant Physiology and Biochemistry</i> , <b>2013</b> , 73, 16-22	5.4	22

213	Agrobacterium tumefaciens-mediated genetic transformation of the Taxol-producing endophytic fungus <i>Ozonium</i> sp EFY21. <i>Genetics and Molecular Research</i> , <b>2013</b> , 12, 2913-22	1.2	9
212	Molecular cloning and characterization of the glyceraldehyde-3-phosphate dehydrogenase gene from <i>Penicillium expansum</i> PE-12. <i>Genetics and Molecular Research</i> , <b>2013</b> , 12, 2442-54	1.2	
211	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> , <b>2013</b> , 8, e56697	3.7	34
210	AaERF1 positively regulates the resistance to <i>Botrytis cinerea</i> in <i>Artemisia annua</i> . <i>PLoS ONE</i> , <b>2013</b> , 8, e57657	3.7	29
209	Characterization of the first specific Jasmonate biosynthetic pathway gene allene oxide synthase from <i>Artemisia annua</i> . <i>Molecular Biology Reports</i> , <b>2012</b> , 39, 2267-74	2.8	6
208	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> , <b>2012</b> , 60, 11050-5	5.7	135
207	Recombinant hHscFv-RC-RNase protein derived from transgenic tobacco acts as a bifunctional molecular complex against hepatocellular carcinoma. <i>Biotechnology and Applied Biochemistry</i> , <b>2012</b> , 59, 323-9	2.8	4
206	Development of efficient <i>Catharanthus roseus</i> regeneration and transformation system using <i>agrobacterium tumefaciens</i> and hypocotyls as explants. <i>BMC Biotechnology</i> , <b>2012</b> , 12, 34	3.5	39
205	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> , <b>2012</b> , 11, 3298-309	1.2	42
204	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> , <b>2012</b> , 39, 9521-7	2.8	10
203	Overexpression of ORCA3 and G10H in <i>Catharanthus roseus</i> plants regulated alkaloid biosynthesis and metabolism revealed by NMR-metabolomics. <i>PLoS ONE</i> , <b>2012</b> , 7, e43038	3.7	71
202	Identification of gene modules associated with drought response in rice by network-based analysis. <i>PLoS ONE</i> , <b>2012</b> , 7, e33748	3.7	55
201	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> , <b>2012</b> , 11, 2138-46	1.2	4
200	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> , <b>2012</b> , 62, 587-595	3.2	
199	Analysis of <i>Arabidopsis</i> genes encoding putative class III lipases. <i>Journal of Plant Biochemistry and Biotechnology</i> , <b>2012</b> , 21, 261-267	1.6	5
198	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> , <b>2012</b> , 30, 838-847	1.7	15
197	Engineering ascorbic acid biosynthetic pathway in <i>Arabidopsis</i> leaves by single and double gene transformation. <i>Biologia Plantarum</i> , <b>2012</b> , 56, 451-457	2.1	26
196	Biomimetic affinity purification of <i>Candida antarctica</i> lipase B. <i>Journal of Chromatography B: Analytical Technologies in the Biomedical and Life Sciences</i> , <b>2011</b> , 879, 3896-900	3.2	9

195	Molecular cloning and characterization of 4-hydroxyphenylpyruvate dioxygenase gene from <i>Lactuca sativa</i> . <i>Journal of Plant Physiology</i> , <b>2011</b> , 168, 1076-83	3.6	14
194	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> , <b>2011</b> , 10, 3260-3268	0.6	28
193	Molecular cloning and characterization of gene coding for Tocopherol methyltransferase from lettuce ( <i>Lactuca sativa</i> ). <i>Genetics and Molecular Research</i> , <b>2011</b> , 10, 3204-12	1.2	2
192	Overexpression of homogentisate phytyltransferase in lettuce results in increased content of vitamin E. <i>African Journal of Biotechnology</i> , <b>2011</b> , 10, 14046-14051	0.6	3
191	Anti-arthritic active fraction of <i>Capparis spinosa</i> L. fruits and its chemical constituents. <i>Yakugaku Zasshi</i> , <b>2011</b> , 131, 423-9	0	26
190	Cloning and characterization of trichome-specific promoter of cpr71av1 gene involved in artemisinin biosynthesis in <i>Artemisia annua</i> L.. <i>Molecular Biology</i> , <b>2011</b> , 45, 751-758	1.2	20
189	Enhancing the scopolamine production in transgenic plants of <i>Atropa belladonna</i> by overexpressing pmt and h6h genes. <i>Physiologia Plantarum</i> , <b>2011</b> , 143, 309-15	4.6	39
188	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> , <b>2011</b> , 58, 415-422	1.6	12
187	Engineering tocopherol biosynthetic pathway in lettuce. <i>Biologia Plantarum</i> , <b>2011</b> , 55, 453-460	2.1	17
186	Molecular Cloning and Characterization of a Novel <i>Gossypium barbadense</i> L. RAD-Like Gene. <i>Plant Molecular Biology Reporter</i> , <b>2011</b> , 29, 324-333	1.7	18
185	Expression of Bioactive Thymosin Alpha 1 (T $\alpha$ 1) in Marker-free Transgenic Lettuce ( <i>Lactuca sativa</i> ). <i>Plant Molecular Biology Reporter</i> , <b>2011</b> , 29, 466-472	1.7	7
184	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> , <b>2011</b> , 29, 489-497	1.7	14
183	Molecular analysis of a homogentisate phytyltransferase gene from <i>Lactuca sativa</i> L. <i>Molecular Biology Reports</i> , <b>2011</b> , 38, 1813-9	2.8	6
182	Molecular cloning and expression analysis of a novel SANT/MYB gene from <i>Gossypium barbadense</i> . <i>Molecular Biology Reports</i> , <b>2011</b> , 38, 2329-36	2.8	10
181	Expression of the zga agglutinin gene in tobacco can enhance its anti-pest ability for peach-potato aphid ( <i>Myzus persica</i> ). <i>Acta Physiologiae Plantarum</i> , <b>2011</b> , 33, 2003-2010	2.6	7
180	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> , <b>2011</b> , 58, 50-7	2.8	42
179	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> , <b>2011</b> , 58, 139-46	2.8	7
178	Induction and flow cytometry identification of tetraploids from seed-derived explants through colchicine treatments in <i>Catharanthus roseus</i> (L.) G. Don. <i>Journal of Biomedicine and Biotechnology</i> , <b>2011</b> , 2011, 793198		34



177	Molecular cloning and characterization of a tocopherol cyclase gene from <i>Lactuca sativa</i> (Asteraceae). <i>Genetics and Molecular Research</i> , <b>2011</b> , 10, 693-702	1.2	10
176	Cloning and characterization of trichome-specific promoter of <i>cpr71av1</i> gene involved in artemisinin biosynthesis in <i>Artemisia annua</i> L. <i>Molekulyarnaya Biologiya</i> , <b>2011</b> , 45, 817-24	0.6	8
175	Increased vitamin C content accompanied by an enhanced recycling pathway confers oxidative stress tolerance in <i>Arabidopsis</i> . <i>Journal of Integrative Plant Biology</i> , <b>2010</b> , 52, 400-9	8.3	135
174	Identification and analysis of the biosynthetic gene cluster encoding the thiopeptide antibiotic cyclothiazomycin in <i>Streptomyces hygroscopicus</i> 10-22. <i>Applied and Environmental Microbiology</i> , <b>2010</b> , 76, 2335-44	4.8	48
173	An L1 box binding protein, GbML1, interacts with GbMYB25 to control cotton fibre development. <i>Journal of Experimental Botany</i> , <b>2010</b> , 61, 3599-613	7	65
172	Engineering tocopherol biosynthetic pathway in <i>Arabidopsis</i> leaves and its effect on antioxidant metabolism. <i>Plant Science</i> , <b>2010</b> , 178, 312-320	5.3	31
171	Purification and characterization of curcin, a toxic lectin from the seed of <i>Jatropha curcas</i> . <i>Preparative Biochemistry and Biotechnology</i> , <b>2010</b> , 40, 107-18	2.4	30
170	Functional analysis of GbAGL1, a D-lineage gene from cotton ( <i>Gossypium barbadense</i> ). <i>Journal of Experimental Botany</i> , <b>2010</b> , 61, 1193-203	7	12
169	Effect of wounding on gene expression involved in artemisinin biosynthesis and artemisinin production in <i>Artemisia annua</i> . <i>Russian Journal of Plant Physiology</i> , <b>2010</b> , 57, 882-886	1.6	12
168	A review: recent advances and future prospects of taxol-producing endophytic fungi. <i>Applied Microbiology and Biotechnology</i> , <b>2010</b> , 86, 1707-17	5.7	153
167	Isolation and functional analysis of the <i>Catharanthus roseus</i> deacetylvindoline-4-O-acetyltransferase gene promoter. <i>Plant Cell Reports</i> , <b>2010</b> , 29, 185-92	5.1	23
166	Distribution and polymorphism of Mariner-like elements in the Bambusoideae subfamily. <i>Plant Systematics and Evolution</i> , <b>2010</b> , 289, 1-11	1.3	19
165	Molecular cloning and functional expression analysis of a new gene encoding geranylgeranyl diphosphate synthase from hazel ( <i>Corylus avellana</i> L. Gasaway). <i>Molecular Biology Reports</i> , <b>2010</b> , 37, 3439-44	2.8	12
164	Diversity and evolution of Ty1-copia retroelements in representative tribes of Bambusoideae subfamily. <i>Genetica</i> , <b>2010</b> , 138, 861-8	1.5	6
163	Effect of plant growth regulators on the biosynthesis of vinblastine, vindoline and catharanthine in <i>Catharanthus roseus</i> . <i>Plant Growth Regulation</i> , <b>2010</b> , 60, 133-141	3.2	46
162	Molecular cloning, expression profiling and functional analyses of a cDNA encoding isopentenyl diphosphate isomerase from <i>Gossypium barbadense</i> . <i>Bioscience Reports</i> , <b>2009</b> , 29, 111-9	4.1	10
161	Promotion of nicotine biosynthesis in transgenic tobacco by overexpressing allene oxide cyclase from <i>Hyoscyamus niger</i> . <i>Planta</i> , <b>2009</b> , 229, 1057-63	4.7	13
160	Expression and purification of <i>Zantedeschia aethiopica</i> agglutinin in <i>Escherichia coli</i> . <i>Molecular Biology Reports</i> , <b>2009</b> , 36, 437-41	2.8	4

159	Molecular cloning and expression profiling of the first specific jasmonate biosynthetic pathway gene allene oxide synthase from <i>Lonicera japonica</i> . <i>Molecular Biology Reports</i> , <b>2009</b> , 36, 487-93	2.8	13
158	Silencing of PMT expression caused a surge of anatabine accumulation in tobacco. <i>Molecular Biology Reports</i> , <b>2009</b> , 36, 2285-9	2.8	14
157	Isolation and characterization of a novel cDNA encoding methyl jasmonate-responsive transcription factor TcAP2 from <i>Taxus cuspidata</i> . <i>Biotechnology Letters</i> , <b>2009</b> , 31, 1801-9	3	19
156	Allene oxide cyclase from <i>Camptotheca acuminata</i> improves tolerance against low temperature and salt stress in tobacco and bacteria. <i>Molecular Biotechnology</i> , <b>2009</b> , 41, 115-22	3	15
155	Molecular evolution of the E8 promoter in tomato and some of its relative wild species. <i>Journal of Biosciences</i> , <b>2009</b> , 34, 71-83	2.3	15
154	Identification and expression profile of GbAGL2, a C-class gene from <i>Gossypium barbadense</i> . <i>Journal of Biosciences</i> , <b>2009</b> , 34, 941-51	2.3	9
153	Expression of thymosin alpha1 concatemer in transgenic tomato ( <i>Solanum lycopersicum</i> ) fruits. <i>Biotechnology and Applied Biochemistry</i> , <b>2009</b> , 52, 303-12	2.8	17
152	Development of transgenic <i>Artemisia annua</i> (Chinese wormwood) plants with an enhanced content of artemisinin, an effective anti-malarial drug, by hairpin-RNA-mediated gene silencing. <i>Biotechnology and Applied Biochemistry</i> , <b>2009</b> , 52, 199-207	2.8	142
151	Cordyceps fungi: natural products, pharmacological functions and developmental products. <i>Journal of Pharmacy and Pharmacology</i> , <b>2009</b> , 61, 279-291	4.8	228
150	Abscisic acid (ABA) treatment increases artemisinin content in <i>Artemisia annua</i> by enhancing the expression of genes in artemisinin biosynthetic pathway. <i>Biologia (Poland)</i> , <b>2009</b> , 64, 319-323	1.5	71
149	Functional expression of <i>Vitreoscilla</i> hemoglobin (VHb) in <i>Arabidopsis</i> relieves submergence, nitrosative, photo-oxidative stress and enhances antioxidants metabolism. <i>Plant Science</i> , <b>2009</b> , 176, 66-73	5.3	22
148	Cordyceps fungi: natural products, pharmacological functions and developmental products. <i>Journal of Pharmacy and Pharmacology</i> , <b>2009</b> , 61, 279-91	4.8	99
147	Bioactive natural products from endophytes: A review. <i>Applied Biochemistry and Microbiology</i> , <b>2008</b> , 44, 136-142	1.1	196
146	Molecular cloning and expression profile of a jasmonate biosynthetic pathway gene for allene oxide cyclase from <i>Hyoscyamus niger</i> . <i>Molecular Biology</i> , <b>2008</b> , 42, 381-390	1.2	7
145	Molecular cloning, expression profiling and functional analysis of a DXR gene encoding 1-deoxy-D-xylulose 5-phosphate reductoisomerase from <i>Camptotheca acuminata</i> . <i>Journal of Plant Physiology</i> , <b>2008</b> , 165, 203-13	3.6	35
144	Molecular cloning, characterization and expression of a jasmonate biosynthetic pathway gene encoding allene oxide cyclase from <i>Camptotheca acuminata</i> . <i>Bioscience Reports</i> , <b>2008</b> , 28, 349-55	4.1	8
143	Molecular cloning and characterization of 1-hydroxy-2-methyl-2-(E)-butenyl-4-diphosphate reductase gene from <i>Ginkgo biloba</i> . <i>Molecular Biology Reports</i> , <b>2008</b> , 35, 413-20	2.8	19
142	Molecular cloning and characterization of a mannose-binding lectin gene from <i>Pinellia cordata</i> . <i>Molecular Biology Reports</i> , <b>2008</b> , 35, 641-7	2.8	5

141	Isolation of a novel lipase gene from <i>Serratia liquefaciens</i> S33 DB-1, functional expression in <i>Pichia pastoris</i> and its properties. <i>Molecular Biotechnology</i> , <b>2008</b> , 38, 99-107	3	10
140	Generation of tobacco lines with widely different reduction in nicotine levels via RNA silencing approaches. <i>Journal of Biosciences</i> , <b>2008</b> , 33, 177-84	2.3	15
139	Expression and analysis of thymosin alpha1 concatemer in <i>Escherichia coli</i> . <i>Biotechnology and Applied Biochemistry</i> , <b>2008</b> , 49, 51-6	2.8	11
138	Tetraploids <i>Isatis indigotica</i> are more responsive and adaptable to stresses than the diploid progenitor based on changes in expression patterns of a cold inducible li CPK1. <i>Biologia (Poland)</i> , <b>2008</b> , 63, 535-541	1.5	4
137	A new gene coding for p-coumarate 3-hydroxylase from <i>Ginkgo biloba</i> . <i>Russian Journal of Plant Physiology</i> , <b>2008</b> , 55, 82-92	1.6	3
136	Current opinions on the functions of tocopherol based on the genetic manipulation of tocopherol biosynthesis in plants. <i>Journal of Integrative Plant Biology</i> , <b>2008</b> , 50, 1057-69	8.3	31
135	Molecular cloning and characterization of 1-hydroxy-2-methyl-2-(E)-butenyl 4-diphosphate reductase (CaHDR) from <i>Camptotheca acuminata</i> and its functional identification in <i>Escherichia coli</i> . <i>BMB Reports</i> , <b>2008</b> , 41, 112-8	5.5	15
134	Metabolic engineering of plant L-ascorbic acid biosynthesis: recent trends and applications. <i>Critical Reviews in Biotechnology</i> , <b>2007</b> , 27, 173-82	9.4	45
133	Comparison of rapid DNA extraction methods applied to PCR identification of medicinal mushroom <i>Ganoderma</i> spp. <i>Preparative Biochemistry and Biotechnology</i> , <b>2007</b> , 37, 369-80	2.4	15
132	Participation in research program: A Novel Course in Undergraduate Education of Life Science. <i>Biochemistry and Molecular Biology Education</i> , <b>2007</b> , 35, 322-7	1.3	2
131	Screening of taxol-producing endophytic fungi from <i>Taxus chinensis</i> var. <i>mairei</i> . <i>Applied Biochemistry and Microbiology</i> , <b>2007</b> , 43, 439-443	1.1	35
130	Terpenoid Indole Alkaloids Biosynthesis and Metabolic Engineering in <i>Catharanthus roseus</i> . <i>Journal of Integrative Plant Biology</i> , <b>2007</b> , 49, 961-974	8.3	37
129	Transformation of taxol-producing endophytic fungi by restriction enzyme-mediated integration (REMI). <i>FEMS Microbiology Letters</i> , <b>2007</b> , 273, 253-9	2.9	23
128	Recent developments and future prospects of <i>Vitreoscilla</i> hemoglobin application in metabolic engineering. <i>Biotechnology Advances</i> , <b>2007</b> , 25, 123-36	17.8	86
127	Cloning and analysis of a novel conserved membrane zinc-metalloprotease family from <i>Solanum surattense</i> . <i>Russian Journal of Plant Physiology</i> , <b>2007</b> , 54, 63-73	1.6	3
126	Improved <i>Agrobacterium</i> -mediated genetic transformation of GNA transgenic sugarcane. <i>Biologia (Poland)</i> , <b>2007</b> , 62, 386-393	1.5	45
125	Molecular cloning and characterization of cold-responsive gene <i>Cbrci35</i> from <i>Capsella bursa-pastoris</i> . <i>Biologia (Poland)</i> , <b>2007</b> , 62, 690-696	1.5	4
124	Expression of human coagulation Factor IX in transgenic tomato ( <i>Lycopersicon esculentum</i> ). <i>Biotechnology and Applied Biochemistry</i> , <b>2007</b> , 48, 101-7	2.8	12

123	Molecular cloning and heterologous expression of a 10-deacetylbaocatin III-10-O-acetyl transferase cDNA from <i>Taxus x media</i> . <i>Molecular Biology Reports</i> , <b>2007</b> , 34, 89-95	2.8	8
122	Tropane alkaloids production in transgenic <i>Hyoscyamus niger</i> hairy root cultures over-expressing putrescine N-methyltransferase is methyl jasmonate-dependent. <i>Planta</i> , <b>2007</b> , 225, 887-96	4.7	67
121	cDNA cloning and expression analysis of a mannose-binding lectin from <i>Pinellia pedatisecta</i> . <i>Journal of Biosciences</i> , <b>2007</b> , 32, 241-9	2.3	8
120	Isolation and bioinformatics analyses of a COR413-like gene from <i>Gossypium barbadense</i> . <i>Acta Physiologiae Plantarum</i> , <b>2007</b> , 29, 1-9	2.6	8
119	Molecular cloning and characterization of a glutathione S-transferase gene from <i>Ginkgo biloba</i> . <i>DNA Sequence</i> , <b>2007</b> , 18, 371-9		2
118	Molecular cloning and characterization of Crmdr1, a novel MDR-type ABC transporter gene from <i>Catharanthus roseus</i> . <i>DNA Sequence</i> , <b>2007</b> , 18, 316-25		4
117	Over-expression GbERF2 transcription factor in tobacco enhances brown spots disease resistance by activating expression of downstream genes. <i>Gene</i> , <b>2007</b> , 391, 80-90	3.8	65
116	Rapid Generation of Selectable Marker-Free Transgenic Rice with Three Target Genes by Co-Transformation and Anther Culture. <i>Rice Science</i> , <b>2007</b> , 14, 239-246	3.8	10
115	Ganodermataceae: natural products and their related pharmacological functions. <i>The American Journal of Chinese Medicine</i> , <b>2007</b> , 35, 559-74	6	98
114	Molecular cloning and characterization of the yew gene encoding squalene synthase from <i>Taxus cuspidata</i> . <i>BMB Reports</i> , <b>2007</b> , 40, 625-35	5.5	20
113	Molecular cloning and functional analysis of the gene encoding 3-hydroxy-3-methylglutaryl coenzyme A reductase from hazel ( <i>Corylus avellana</i> L. Gasaway). <i>BMB Reports</i> , <b>2007</b> , 40, 861-9	5.5	31
112	Overexpression of GbERF confers alteration of ethylene-responsive gene expression and enhanced resistance to <i>Pseudomonas syringae</i> in transgenic tobacco. <i>Journal of Biosciences</i> , <b>2006</b> , 31, 255-63	2.3	22
111	Prediction of protein structural class with Rough Sets. <i>BMC Bioinformatics</i> , <b>2006</b> , 7, 20	3.6	97
110	Conservation of noncoding microsatellites in plants: implication for gene regulation. <i>BMC Genomics</i> , <b>2006</b> , 7, 323	4.5	62
109	The development of biotechnology education in China*. <i>Biochemistry and Molecular Biology Education</i> , <b>2006</b> , 34, 141-7	1.3	2
108	Authentication of <i>Pinellia ternata</i> and its adulterants based on PCR with specific primers. <i>Planta Medica</i> , <b>2006</b> , 72, 844-7	3.1	10
107	Molecular cloning and expression profile analysis of <i>Ginkgo biloba</i> DXS gene encoding 1-deoxy-D-xylulose 5-phosphate synthase, the first committed enzyme of the 2-C-methyl-D-erythritol 4-phosphate pathway. <i>Planta Medica</i> , <b>2006</b> , 72, 329-35	3.1	56
106	Isolation and Expression Profile Analysis of a New cDNA Encoding 5-alpha-taxadienol-10-beta-hydroxylase from <i>Taxus media</i> . <i>Journal of Plant Biochemistry and Biotechnology</i> , <b>2006</b> , 15, 1-5	1.6	6

105	Isolation and characterization of a class III homeodomain-leucine zipper-like gene from <i>Gossypium barbadense</i> . <i>DNA Sequence</i> , <b>2006</b> , 17, 334-41		1
104	Expression and purification of <i>Arisaema heterophyllum</i> agglutinin in <i>Escherichia coli</i> . <i>Journal of Plant Physiology</i> , <b>2006</b> , 163, 206-12	3.6	5
103	A novel pathogenesis-related protein (SsPR10) from <i>Solanum surattense</i> with ribonucleolytic and antimicrobial activity is stress- and pathogen-inducible. <i>Journal of Plant Physiology</i> , <b>2006</b> , 163, 546-56	3.6	80
102	Isolation and characterization of a putative anthocyanidin reductase gene from <i>Ginkgo biloba</i> . <i>Journal of Plant Physiology</i> , <b>2006</b> , 163, 224-7	3.6	12
101	Molecular cloning and stress-dependent regulation of potassium channel gene in Chinese cabbage ( <i>Brassica rapa</i> ssp. <i>Pekinensis</i> ). <i>Journal of Plant Physiology</i> , <b>2006</b> , 163, 968-78	3.6	12
100	Distributional gradient of amino acid repeats in plant proteins. <i>Genome</i> , <b>2006</b> , 49, 900-5	2.4	13
99	Molecular cloning, characterization and heterologous expression in <i>Saccharomyces cerevisiae</i> of a mevalonate diphosphate decarboxylase cDNA from <i>Ginkgo biloba</i> . <i>Physiologia Plantarum</i> , <b>2006</b> , 127, 19-27	4.6	11
98	Cloning and Expressional Studies of the Voltage-dependent Anion Channel Gene from <i>Brassica rapa</i> L.. <i>Journal of Integrative Plant Biology</i> , <b>2006</b> , 48, 197-203	8.3	4
97	A New Farnesyl Diphosphate Synthase Gene from <i>Taxus media</i> Rehder: Cloning, Characterization and Functional Complementation. <i>Journal of Integrative Plant Biology</i> , <b>2006</b> , 48, 692-699	8.3	9
96	Molecular cloning of BPL1, a pectate lyase-like gene in <i>Brassica napus</i> . <i>Biologia (Poland)</i> , <b>2006</b> , 61, 263-267		
95	Cloning of taxane 2ED-benzoyltransferase (TBT) genomic DNA from <i>Taxus</i> . <i>Biologia (Poland)</i> , <b>2006</b> , 61, 327-329	1.5	
94	Molecular characterization and expression analysis of a gene encoding mannose-binding lectin from bulb of <i>Zephyranthes grandiflora</i> . <i>Biologia (Poland)</i> , <b>2006</b> , 61, 671-677	1.5	4
93	Molecular cloning and stress-dependent regulation of a glutamine synthetase gene in Chinese cabbage. <i>Russian Journal of Plant Physiology</i> , <b>2006</b> , 53, 231-237	1.6	2
92	Isolation and characterization of a homologous to lipase gene from <i>Brassica napus</i> . <i>Russian Journal of Plant Physiology</i> , <b>2006</b> , 53, 366-372	1.6	5
91	Molecular cloning and expression analyses of a new gene encoding 3-hydroxy-3-methylglutaryl-CoA synthase from <i>Taxus media</i> . <i>Biologia Plantarum</i> , <b>2006</b> , 50, 359-366	2.1	40
90	Characterization of 5-enolpyruvylshikimate 3-phosphate synthase gene from <i>Camptotheca acuminata</i> . <i>Biologia Plantarum</i> , <b>2006</b> , 50, 542-550	2.1	7
89	Cloning and characterization of a flavanone 3-hydroxylase gene from <i>Ginkgo biloba</i> . <i>Bioscience Reports</i> , <b>2006</b> , 26, 19-29	4.1	39
88	Molecular cloning and characterization of a novel dehydrin gene from <i>Ginkgo biloba</i> . <i>Bioscience Reports</i> , <b>2006</b> , 26, 203-15	4.1	12

87	Isolation and characterization of the first putative peroxidase gene from oilseed rape ( <i>Brassica napus</i> ) which is highly homologous to HRPC. <i>Bioscience Reports</i> , <b>2006</b> , 26, 263-80	4.1	4
86	Cloning and characterization of a root-specific expressing gene encoding 3-hydroxy-3-methylglutaryl coenzyme A reductase from <i>Ginkgo biloba</i> . <i>Molecular Biology Reports</i> , <b>2006</b> , 33, 117-27	2.8	58
85	Investigation on Genetic Relationship and Cross Compatibility of <i>S. lycopersicoides</i> and <i>Lycopersicon</i> . <i>Pakistan Journal of Biological Sciences</i> , <b>2006</b> , 9, 1160-1168	0.8	1
84	Molecular cloning and characterization of a novel stem-specific gene from <i>Camptotheca acuminata</i> . <i>BMB Reports</i> , <b>2006</b> , 39, 68-75	5.5	8
83	Molecular cloning, characterization and expression of a novel trehalose-6-phosphate synthase homologue from <i>Ginkgo biloba</i> . <i>BMB Reports</i> , <b>2006</b> , 39, 158-66	5.5	5
82	Isolation and expression analysis of a GDSL-like lipase gene from <i>Brassica napus</i> L. <i>BMB Reports</i> , <b>2006</b> , 39, 297-303	5.5	38
81	Molecular cloning, characterization and functional analysis of a 2C-methyl- D-erythritol 2, 4-cyclodiphosphate synthase gene from <i>ginkgo biloba</i> . <i>BMB Reports</i> , <b>2006</b> , 39, 502-10	5.5	23
80	Micropropagation of endangered plant species. <i>Methods in Molecular Biology</i> , <b>2006</b> , 318, 179-85	1.4	
79	An efficient method for rapid amplification of <i>Arisaema heterophyllum</i> agglutinin gene using a genomic walking technique. <i>Preparative Biochemistry and Biotechnology</i> , <b>2005</b> , 35, 155-67	2.4	3
78	Molecular cloning, characterization and expression of a novel jasmonate-dependent defensin gene from <i>Ginkgo biloba</i> . <i>Journal of Plant Physiology</i> , <b>2005</b> , 162, 1160-8	3.6	20
77	Molecular cloning and characterization of an anti-bolting related gene (BrpFLC) from <i>Brassica rapa</i> ssp. <i>Pekinensis</i> . <i>Plant Science</i> , <b>2005</b> , 168, 407-413	5.3	15
76	Characterization and expression of chalcone synthase gene from <i>Ginkgo biloba</i> . <i>Plant Science</i> , <b>2005</b> , 168, 1525-1531	5.3	52
75	Isolation and characterization of an oilseed rape MAP kinase BnMPK3 involved in diverse environmental stresses. <i>Plant Science</i> , <b>2005</b> , 169, 413-421	5.3	11
74	Cloning and expression of a novel cDNA encoding a mannose-binding lectin from <i>Dendrobium officinale</i> . <i>Toxicon</i> , <b>2005</b> , 45, 535-40	2.8	12
73	Molecular cloning, characterization and expression of a novel Asr gene from <i>Ginkgo biloba</i> . <i>Plant Physiology and Biochemistry</i> , <b>2005</b> , 43, 836-43	5.4	36
72	Metabolic Engineering of Tropane Alkaloid Biosynthesis in Plants. <i>Journal of Integrative Plant Biology</i> , <b>2005</b> , 47, 136-143	8.3	29
71	Enhanced Resistance of Snowdrop Lectin ( <i>Galanthus nivalis</i> L. agglutinin)-Expressing Maize to Asian Corn Borer ( <i>Ostrinia furnacalis</i> GuenÉ). <i>Journal of Integrative Plant Biology</i> , <b>2005</b> , 47, 873-880	8.3	14
70	<i>Brassica napus</i> L. Homeodomain Leucine-Zipper Gene BnHB6 Responds to Abiotic and Biotic Stresses. <i>Journal of Integrative Plant Biology</i> , <b>2005</b> , 47, 1236-1248	8.3	8

69	Functional GNA expressed in Escherichia coli with high efficiency and its effect on Ceratovacuna lanigera Zehntner. <i>Applied Microbiology and Biotechnology</i> , <b>2005</b> , 69, 184-91	5.7	13
68	Enhancement of resistance to aphids by introducing the snowdrop lectin gene gna into maize plants. <i>Journal of Biosciences</i> , <b>2005</b> , 30, 627-38	2.3	63
67	Transgenic tobacco plants expressing BoRS1 gene from Brassica oleracea var. acephala show enhanced tolerance to water stress. <i>Journal of Biosciences</i> , <b>2005</b> , 30, 647-55	2.3	10
66	cDNA cloning and characterization of a mannose-binding lectin from Zingiber officinale Roscoe (ginger) rhizomes. <i>Journal of Biosciences</i> , <b>2005</b> , 30, 213-20	2.3	16
65	An intron-free methyl jasmonate inducible geranylgeranyl diphosphate synthase gene from Taxus media and its functional identification in yeast. <i>Molecular Biology</i> , <b>2005</b> , 39, 11-17	1.2	13
64	Molecular cloning and characterization of a novel ice gene from Capsella bursa-pastoris. <i>Molecular Biology</i> , <b>2005</b> , 39, 18-25	1.2	11
63	Identification and characterization of differentially expressed ESTs of Gossypium barbadense infected by Verticillium dahliae with suppression subtractive hybridization. <i>Molecular Biology</i> , <b>2005</b> , 39, 191-199	1.2	25
62	Isolation and Expression Profiling of the Pto-Like Gene SsPto from Solanum surattense. <i>Molecular Biology</i> , <b>2005</b> , 39, 684-695	1.2	2
61	Cloning and characterization of an agglutinin gene from Arisaema lobatum. <i>Bioscience Reports</i> , <b>2005</b> , 25, 345-62	4.1	6
60	A novel ABA-dependent dehydrin ERD10 gene from Brassica napus. <i>DNA Sequence</i> , <b>2005</b> , 16, 28-35		17
59	Genomic cloning and characterization of a Pto-like gene SsPto-2 from Solanum surattense. <i>DNA Sequence</i> , <b>2005</b> , 16, 277-87		1
58	Molecular cloning and characterization of a 1-deoxy-D-xylulose 5-phosphate reductoisomerase gene from Ginkgo biloba. <i>DNA Sequence</i> , <b>2005</b> , 16, 111-20		26
57	Investigation of Disease Resistance and Cold Tolerance of Solanum lycopersicoides for Tomato Improvement. <i>Hortscience: A Publication of the American Society for Horticultural Science</i> , <b>2005</b> , 40, 43-46	2.4	7
56	Molecular cloning and characterization of a novel mannosebinding lectin cDNA from Zantedeschia aethiopica. <i>Biocell</i> , <b>2005</b> , 29, 187-193	1.9	4
55	Isoprenoid Biosynthesis in Plants: Pathways, Genes, Regulation and Metabolic Engineering. <i>Journal of Biological Sciences</i> , <b>2005</b> , 6, 209-219	0.4	17
54	Characterization and expression profile analysis of a new cDNA encoding taxadiene synthase from Taxus media. <i>BMB Reports</i> , <b>2005</b> , 38, 668-75	5.5	19
53	Molecular cloning of a novel LOS2 gene from Capsella bursa-pastoris. <i>Journal of Genetics and Genomics</i> , <b>2005</b> , 32, 600-7		1
52	Molecular cloning and characterization of a novel mannose-binding lectin cDNA from Zantedeschia aethiopica. <i>Biocell</i> , <b>2005</b> , 29, 187-93	1.9	4

51	Isolation and characterization of an IAA-responsive gene from <i>Gossypium barbadense</i> L. <i>DNA Sequence</i> , <b>2004</b> , 15, 71-6		1
50	Preference of simple sequence repeats in coding and non-coding regions of <i>Arabidopsis thaliana</i> . <i>Bioinformatics</i> , <b>2004</b> , 20, 1081-6	7.2	95
49	cDNA cloning and characterization of a new stress-responsive gene BoRS1 from <i>Brassica oleracea</i> var. acephala. <i>Physiologia Plantarum</i> , <b>2004</b> , 121, 578-585	4.6	4
48	Isolation and characterization of a BURP domain-containing gene BnBDC1 from <i>Brassica napus</i> involved in abiotic and biotic stress. <i>Physiologia Plantarum</i> , <b>2004</b> , 122, 210-218	4.6	29
47	Production and analysis of organic acids in hairy-root cultures of <i>Isatis indigotica</i> Fort. (indigo woad). <i>Biotechnology and Applied Biochemistry</i> , <b>2004</b> , 39, 123-8	2.8	16
46	Micropropagation of endangered Chinese aloe. <i>Plant Cell, Tissue and Organ Culture</i> , <b>2004</b> , 76, 83-86	2.7	37
45	Efficient Regeneration of Tetraploid <i>Isatis indigotica</i> Plants via Adventitious Organogenesis from Hypocotyl Explants. <i>Biologia Plantarum</i> , <b>2004</b> , 48, 121-124	2.1	9
44	Expression of a Novel Antiporter Gene from <i>Brassica napus</i> Resulted in Enhanced Salt Tolerance in Transgenic Tobacco Plants. <i>Biologia Plantarum</i> , <b>2004</b> , 48, 509-515	2.1	35
43	Transgenic Tobacco Expressing <i>Zephyranthes candida</i> Agglutinin Showing Enhanced Resistance to Aphids. <i>Engineering in Life Sciences</i> , <b>2004</b> , 4, 155-159	3.4	10
42	Isolation and characterization of a new mannose-binding lectin gene from <i>Taxus media</i> . <i>Journal of Biosciences</i> , <b>2004</b> , 29, 399-407	2.3	18
41	Cloning and expression analysis of a water stress-induced gene from <i>Brassica oleracea</i> . <i>Plant Physiology and Biochemistry</i> , <b>2004</b> , 42, 789-94	5.4	11
40	Genomic cloning and characterization of a novel lectin gene from <i>Zantedeschia aethiopica</i> . <i>Bioscience Reports</i> , <b>2004</b> , 24, 225-34	4.1	2
39	cDNA cloning and characterization of enolase from Chinese cabbage, <i>Brassica campestris</i> ssp. <i>Pekinensis</i> . <i>DNA Sequence</i> , <b>2004</b> , 15, 51-7		6
38	Molecular cloning and characterization of a CBF gene from <i>Capsella bursa-pastoris</i> . <i>DNA Sequence</i> , <b>2004</b> , 15, 180-7		9
37	CDNA cloning and characterization of the Ve homologue gene StVe from <i>Solanum torvum</i> Swartz. <i>DNA Sequence</i> , <b>2004</b> , 15, 88-95		25
36	Molecular cloning and sequence analysis of a novel chalcone synthase cDNA from <i>Ginkgo biloba</i> . <i>DNA Sequence</i> , <b>2004</b> , 15, 283-90		10
35	Molecular cloning and characterization of a novel cold-regulated gene from <i>Capsella bursa-pastoris</i> . <i>DNA Sequence</i> , <b>2004</b> , 15, 262-8		10
34	Molecular cloning and characterization of GhlecRK, a novel kinase gene with lectin-like domain from <i>Gossypium hirsutum</i> . <i>DNA Sequence</i> , <b>2004</b> , 15, 58-65		22



33	A new geranylgeranyl diphosphate synthase gene from Ginkgo biloba, which intermediates the biosynthesis of the key precursor for ginkgolides. <i>DNA Sequence</i> , <b>2004</b> , 15, 153-8		24
32	Rapid isolation of high-quality total RNA from taxus and ginkgo. <i>Preparative Biochemistry and Biotechnology</i> , <b>2004</b> , 34, 209-14	2.4	111
31	Cloning and characterisation of the gene encoding HMG-CoA reductase from Taxus media and its functional identification in yeast. <i>Functional Plant Biology</i> , <b>2004</b> , 31, 73-81	2.7	27
30	Engineering tropane biosynthetic pathway in Hyoscyamus niger hairy root cultures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2004</b> , 101, 6786-91	11.5	227
29	Molecular cloning and characterization of a taxadienol acetyl transferase cDNA from Taxus x media. <i>Plant Science</i> , <b>2004</b> , 167, 759-764	5.3	25
28	Isolation and characterization of an ERF-like gene from Gossypium barbadense. <i>Plant Science</i> , <b>2004</b> , 167, 1383-1389	5.3	25
27	Transgenic tobacco expressing an Arisaema heterophyllum agglutinin gene displays enhanced resistance to aphids. <i>Canadian Journal of Plant Science</i> , <b>2004</b> , 84, 785-790	1	7
26	Isolation and molecular characterization of a new CRT binding factor gene from Capsella bursa-pastoris. <i>BMB Reports</i> , <b>2004</b> , 37, 538-45	5.5	11
25	Cloning and functional analysis of a cDNA encoding Ginkgo biloba farnesyl diphosphate synthase. <i>Molecules and Cells</i> , <b>2004</b> , 18, 150-6	3.5	16
24	Molecular cloning of a potential Verticillium dahliae resistance gene SLVe1 with multi-site polyadenylation from Solanum lycopersicoides. <i>DNA Sequence</i> , <b>2003</b> , 14, 375-84		26
23	Isolation and expression of cold-regulated cDNA from Chinese cabbage (Brassica pekinensis). <i>DNA Sequence</i> , <b>2003</b> , 14, 219-22		3
22	Molecular cloning and characterization of a novel lectin gene from Zephyranthes candida. <i>DNA Sequence</i> , <b>2003</b> , 14, 163-7		10
21	Molecular cloning and characterization of a novel lectin gene from Lycoris radiata. <i>DNA Sequence</i> , <b>2003</b> , 14, 223-6		4
20	Transgenic tobacco expressing Pinellia ternata agglutinin confers enhanced resistance to aphids. <i>Transgenic Research</i> , <b>2003</b> , 12, 715-22	3.3	50
19	Expression and purification of a novel mannose-binding lectin from Pinellia ternata. <i>Molecular Biotechnology</i> , <b>2003</b> , 25, 215-22	3	15
18	Molecular cloning and characterization of a new Na <sup>+</sup> /H <sup>+</sup> antiporter gene from Brassica napus. <i>DNA Sequence</i> , <b>2003</b> , 14, 351-8		25
17	Molecular cloning and characterization of a novel mannose-binding lectin gene from Amorphophallus konjac. <i>Molecular Biology Reports</i> , <b>2003</b> , 30, 177-83	2.8	10
16	Factors influencing shoot regeneration from cotyledons of tetraploid Isatis indigotica fort. <i>In Vitro Cellular and Developmental Biology - Plant</i> , <b>2003</b> , 39, 459-462	2.3	6

15	Cloning and molecular characterization of a novel lectin gene from <i>Pinellia ternata</i> . <i>Cell Research</i> , <b>2003</b> , 13, 301-8	24.7	34
14	Molecular cloning of a novel mannose-binding lectin gene from <i>Arisaema heterophyllum</i> . <i>Plant Science</i> , <b>2003</b> , 165, 55-60	5.3	17
13	Molecular cloning and characterization of a mannose-binding lectin gene from <i>Crinum asiaticum</i> . <i>Journal of Plant Physiology</i> , <b>2003</b> , 160, 913-20	3.6	13
12	Cloning and characterization of a curcin gene encoding a ribosome inactivating protein from <i>Jatropha curcas</i> . <i>DNA Sequence</i> , <b>2003</b> , 14, 311-7		26
11	Molecular cloning of a new lectin gene from <i>Z. grandiflora</i> . <i>DNA Sequence</i> , <b>2003</b> , 14, 335-8		7
10	cDNA cloning and characterization of a cotton peptide methionine sulfoxide reductase (cMsrA). <i>DNA Sequence</i> , <b>2003</b> , 14, 303-10		4
9	Homozygous transgenic rice lines expressing GNA with enhanced resistance to the rice sap-sucking pest <i>Laodelphax striatellus</i> . <i>Plant Breeding</i> , <b>2002</b> , 121, 93-95	2.4	28
8	Transgenic rice lines with enhanced resistance to the small brown planthopper. <i>Crop Protection</i> , <b>2002</b> , 21, 511-514	2.7	32
7	Development of transgenic rice pure lines with enhanced resistance to rice brown planthopper. <i>In Vitro Cellular and Developmental Biology - Plant</i> , <b>2001</b> , 37, 334-340	2.3	6
6	Production of Transgenic Rice Homozygous Lines with Enhanced Resistance to the Rice Brown Planthopper. <i>Acta Biotechnologica</i> , <b>2001</b> , 21, 117-128		23
5	Transgenic rice plants expressing the ferredoxin-like protein (AP1) from sweet pepper show enhanced resistance to <i>Xanthomonas oryzae</i> pv. <i>oryzae</i> . <i>Plant Science</i> , <b>2001</b> , 160, 1035-1042	5.3	58
4	Factors influencing plant regeneration from protoplasts isolated from long-term cell suspension culture of recalcitrant Indica rice cultivar IR36. <i>In Vitro Cellular and Developmental Biology - Plant</i> , <b>2000</b> , 36, 255-259	2.3	6
3	A simple and efficient procedure to improve plant regeneration from protoplasts isolated from long-term cell-suspension cultures of indica rice. <i>In Vitro Cellular and Developmental Biology - Plant</i> , <b>2000</b> , 36, 362-365	2.3	4
2	Particle-bombardment-mediated co-transformation of elite Chinese rice cultivars with genes conferring resistance to bacterial blight and sap-sucking insect pests. <i>Planta</i> , <b>1999</b> , 208, 552-563	4.7	74
1	Secondary Products 297-315		