

Ke-Xuan Tang

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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 | Cordyceps fungi: natural products, pharmacological functions and developmental products. <i>Journal of Pharmacy and Pharmacology</i> , 2009 , 61, 279-291 | 4.8 | 228 |
| 301 | Engineering tropane biosynthetic pathway in <i>Hyoscyamus niger</i> hairy root cultures. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2004 , 101, 6786-91 | 11.5 | 227 |
| 300 | Bioactive natural products from endophytes: A review. <i>Applied Biochemistry and Microbiology</i> , 2008 , 44, 136-142 | 1.1 | 196 |
| 299 | Engineering secondary cell wall deposition in plants. <i>Plant Biotechnology Journal</i> , 2013 , 11, 325-35 | 11.6 | 177 |
| 298 | 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> , 2013 , 198, 1191-1202 | 9.8 | 168 |
| 297 | A review: recent advances and future prospects of taxol-producing endophytic fungi. <i>Applied Microbiology and Biotechnology</i> , 2010 , 86, 1707-17 | 5.7 | 153 |
| 296 | 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> , 2009 , 52, 199-207 | 2.8 | 142 |
| 295 | The jasmonate-responsive AaMYC2 transcription factor positively regulates artemisinin biosynthesis in <i>Artemisia annua</i> . <i>New Phytologist</i> , 2016 , 210, 1269-81 | 9.8 | 136 |
| 294 | 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, 11050-5 | 5.7 | 135 |
| 293 | 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> , 2010 , 52, 400-9 | 8.3 | 135 |
| 292 | Rapid isolation of high-quality total RNA from taxus and ginkgo. <i>Preparative Biochemistry and Biotechnology</i> , 2004 , 34, 209-14 | 2.4 | 111 |
| 291 | 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, 163-75 | 14.4 | 108 |
| 290 | 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 | 7.7 | 102 |
| 289 | Cordyceps fungi: natural products, pharmacological functions and developmental products. <i>Journal of Pharmacy and Pharmacology</i> , 2009 , 61, 279-91 | 4.8 | 99 |
| 288 | Ganodermataceae: natural products and their related pharmacological functions. <i>The American Journal of Chinese Medicine</i> , 2007 , 35, 559-74 | 6 | 98 |
| 287 | 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 | 14.4 | 97 |
| 286 | Prediction of protein structural class with Rough Sets. <i>BMC Bioinformatics</i> , 2006 , 7, 20 | 3.6 | 97 |

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|-----|--|------|----|
| 285 | Preference of simple sequence repeats in coding and non-coding regions of <i>Arabidopsis thaliana</i> . <i>Bioinformatics</i> , 2004 , 20, 1081-6 | 7.2 | 95 |
| 284 | GLANDULAR TRICHOME-SPECIFIC WRKY 1 promotes artemisinin biosynthesis in <i>Artemisia annua</i> . <i>New Phytologist</i> , 2017 , 214, 304-316 | 9.8 | 91 |
| 283 | HOMEODOMAIN PROTEIN 1 is required for jasmonate-mediated glandular trichome initiation in <i>Artemisia annua</i> . <i>New Phytologist</i> , 2017 , 213, 1145-1155 | 9.8 | 87 |
| 282 | Recent developments and future prospects of <i>Vitreoscilla</i> hemoglobin application in metabolic engineering. <i>Biotechnology Advances</i> , 2007 , 25, 123-36 | 17.8 | 86 |
| 281 | 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> , 2006 , 163, 546-56 | 3.6 | 80 |
| 280 | 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> , 1999 , 208, 552-563 | 4.7 | 74 |
| 279 | 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 | 6.9 | 72 |
| 278 | Plant Metabolic Engineering Strategies for the Production of Pharmaceutical Terpenoids. <i>Frontiers in Plant Science</i> , 2016 , 7, 1647 | 6.2 | 72 |
| 277 | 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 | 3.7 | 71 |
| 276 | 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> , 2009 , 64, 319-323 | 1.5 | 71 |
| 275 | Tropane alkaloids production in transgenic <i>Hyoscyamus niger</i> hairy root cultures over-expressing putrescine N-methyltransferase is methyl jasmonate-dependent. <i>Planta</i> , 2007 , 225, 887-96 | 4.7 | 67 |
| 274 | An L1 box binding protein, GbML1, interacts with GbMYB25 to control cotton fibre development. <i>Journal of Experimental Botany</i> , 2010 , 61, 3599-613 | 7 | 65 |
| 273 | Over-expression GbERF2 transcription factor in tobacco enhances brown spots disease resistance by activating expression of downstream genes. <i>Gene</i> , 2007 , 391, 80-90 | 3.8 | 65 |
| 272 | 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 | 9.8 | 64 |
| 271 | 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 | 11.6 | 64 |
| 270 | Enhancement of resistance to aphids by introducing the snowdrop lectin gene gna into maize plants. <i>Journal of Biosciences</i> , 2005 , 30, 627-38 | 2.3 | 63 |
| 269 | Conservation of noncoding microsatellites in plants: implication for gene regulation. <i>BMC Genomics</i> , 2006 , 7, 323 | 4.5 | 62 |
| 268 | 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 | 9.8 | 60 |

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| 267 | Transgenic approach to increase artemisinin content in <i>Artemisia annua</i> L. <i>Plant Cell Reports</i> , 2014 , 33, 605-15 | 5.1 | 60 |
| 266 | 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> , 2006 , 33, 117-27 | 2.8 | 58 |
| 265 | 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> , 2001 , 160, 1035-1042 | 5.3 | 58 |
| 264 | 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> , 2006 , 72, 329-35 | 3.1 | 56 |
| 263 | Identification of gene modules associated with drought response in rice by network-based analysis. <i>PLoS ONE</i> , 2012 , 7, e33748 | 3.7 | 55 |
| 262 | Characterization and expression of chalcone synthase gene from <i>Ginkgo biloba</i> . <i>Plant Science</i> , 2005 , 168, 1525-1531 | 5.3 | 52 |
| 261 | Transgenic tobacco expressing <i>Pinellia ternata</i> agglutinin confers enhanced resistance to aphids. <i>Transgenic Research</i> , 2003 , 12, 715-22 | 3.3 | 50 |
| 260 | 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> , 2010 , 76, 2335-44 | 4.8 | 48 |
| 259 | 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> , 2016 , 57, 1961-71 | 4.9 | 47 |
| 258 | Effect of plant growth regulators on the biosynthesis of vinblastine, vindoline and catharanthine in <i>Catharanthus roseus</i> . <i>Plant Growth Regulation</i> , 2010 , 60, 133-141 | 3.2 | 46 |
| 257 | Metabolic engineering of plant L-ascorbic acid biosynthesis: recent trends and applications. <i>Critical Reviews in Biotechnology</i> , 2007 , 27, 173-82 | 9.4 | 45 |
| 256 | Improved <i>Agrobacterium</i> -mediated genetic transformation of GNA transgenic sugarcane. <i>Biologia (Poland)</i> , 2007 , 62, 386-393 | 1.5 | 45 |
| 255 | Jasmonate promotes artemisinin biosynthesis by activating the TCP14-ORA complex in. <i>Science Advances</i> , 2018 , 4, eaas9357 | 14.3 | 45 |
| 254 | 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, 3298-309 | 1.2 | 42 |
| 253 | 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, 50-7 | 2.8 | 42 |
| 252 | Molecular cloning and expression analyses of a new gene encoding 3-hydroxy-3-methylglutaryl-CoA synthase from <i>Taxus</i> [media]. <i>Biologia Plantarum</i> , 2006 , 50, 359-366 | 2.1 | 40 |
| 251 | The genome evolution and domestication of tropical fruit mango. <i>Genome Biology</i> , 2020 , 21, 60 | 18.3 | 39 |
| 250 | 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 | 3.5 | 39 |

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| 249 | Enhancing the scopolamine production in transgenic plants of <i>Atropa belladonna</i> by overexpressing pmt and h6h genes. <i>Physiologia Plantarum</i> , 2011 , 143, 309-15 | 4.6 | 39 |
| 248 | Cloning and characterization of a flavanone 3-hydroxylase gene from <i>Ginkgo biloba</i> . <i>Bioscience Reports</i> , 2006 , 26, 19-29 | 4.1 | 39 |
| 247 | 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 | 4.9 | 38 |
| 246 | Isolation and expression analysis of a GDSL-like lipase gene from <i>Brassica napus</i> L. <i>BMB Reports</i> , 2006 , 39, 297-303 | 5.5 | 38 |
| 245 | Terpenoid Indole Alkaloids Biosynthesis and Metabolic Engineering in <i>Catharanthus roseus</i> . <i>Journal of Integrative Plant Biology</i> , 2007 , 49, 961-974 | 8.3 | 37 |
| 244 | Micropropagation of endangered Chinese aloe. <i>Plant Cell, Tissue and Organ Culture</i> , 2004 , 76, 83-86 | 2.7 | 37 |
| 243 | 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 | 3.7 | 37 |
| 242 | Molecular cloning, characterization and expression of a novel Asr gene from <i>Ginkgo biloba</i> . <i>Plant Physiology and Biochemistry</i> , 2005 , 43, 836-43 | 5.4 | 36 |
| 241 | 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> , 2008 , 165, 203-13 | 3.6 | 35 |
| 240 | Screening of taxol-producing endophytic fungi from <i>Taxus chinensis</i> var. <i>mairei</i> . <i>Applied Biochemistry and Microbiology</i> , 2007 , 43, 439-443 | 1.1 | 35 |
| 239 | Expression of a Novel Antiporter Gene from <i>Brassica napus</i> Resulted in Enhanced Salt Tolerance in Transgenic Tobacco Plants. <i>Biologia Plantarum</i> , 2004 , 48, 509-515 | 2.1 | 35 |
| 238 | Increased Eocotrienol content in seeds of transgenic rice overexpressing Arabidopsis Eocopherol methyltransferase. <i>Transgenic Research</i> , 2013 , 22, 89-99 | 3.3 | 34 |
| 237 | Transcriptome Analysis of Genes Associated with the Artemisinin Biosynthesis by Jasmonic Acid Treatment under the Light in. <i>Frontiers in Plant Science</i> , 2017 , 8, 971 | 6.2 | 34 |
| 236 | 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 | 3.7 | 34 |
| 235 | 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> , 2011 , 2011, 793198 | | 34 |
| 234 | Cloning and molecular characterization of a novel lectin gene from <i>Pinellia ternata</i> . <i>Cell Research</i> , 2003 , 13, 301-8 | 24.7 | 34 |
| 233 | 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 | 4.9 | 32 |
| 232 | Transgenic rice lines with enhanced resistance to the small brown planthopper. <i>Crop Protection</i> , 2002 , 21, 511-514 | 2.7 | 32 |

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|-----|---|------|----|
| 231 | Transcriptional regulation of artemisinin biosynthesis in <i>Artemisia annua</i> L.. <i>Science Bulletin</i> , 2016 , 61, 18-25 | 10.6 | 31 |
| 230 | Effects of artesunate and ursolic acid on hyperlipidemia and its complications in rabbit. <i>European Journal of Pharmaceutical Sciences</i> , 2013 , 50, 366-71 | 5.1 | 31 |
| 229 | Engineering tocopherol biosynthetic pathway in <i>Arabidopsis</i> leaves and its effect on antioxidant metabolism. <i>Plant Science</i> , 2010 , 178, 312-320 | 5.3 | 31 |
| 228 | Current opinions on the functions of tocopherol based on the genetic manipulation of tocopherol biosynthesis in plants. <i>Journal of Integrative Plant Biology</i> , 2008 , 50, 1057-69 | 8.3 | 31 |
| 227 | 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> , 2007 , 40, 861-9 | 5.5 | 31 |
| 226 | Purification and characterization of curcin, a toxic lectin from the seed of <i>Jatropha curcas</i> . <i>Preparative Biochemistry and Biotechnology</i> , 2010 , 40, 107-18 | 2.4 | 30 |
| 225 | AaERF1 positively regulates the resistance to <i>Botrytis cinerea</i> in <i>Artemisia annua</i> . <i>PLoS ONE</i> , 2013 , 8, e57657 | 3.7 | 29 |
| 224 | 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> , 2004 , 122, 210-218 | 4.6 | 29 |
| 223 | Metabolic Engineering of Tropane Alkaloid Biosynthesis in Plants. <i>Journal of Integrative Plant Biology</i> , 2005 , 47, 136-143 | 8.3 | 29 |
| 222 | 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 | 0.6 | 28 |
| 221 | Homozygous transgenic rice lines expressing GNA with enhanced resistance to the rice sap-sucking pest <i>Laodelphax striatellus</i> . <i>Plant Breeding</i> , 2002 , 121, 93-95 | 2.4 | 28 |
| 220 | Overexpression of AaWRKY1 Leads to an Enhanced Content of Artemisinin in <i>Artemisia annua</i> . <i>BioMed Research International</i> , 2016 , 2016, 7314971 | 3 | 28 |
| 219 | 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 | 1.7 | 27 |
| 218 | Cloning and characterisation of the gene encoding HMG-CoA reductase from <i>Taxus media</i> and its functional identification in yeast. <i>Functional Plant Biology</i> , 2004 , 31, 73-81 | 2.7 | 27 |
| 217 | Engineering ascorbic acid biosynthetic pathway in <i>Arabidopsis</i> leaves by single and double gene transformation. <i>Biologia Plantarum</i> , 2012 , 56, 451-457 | 2.1 | 26 |
| 216 | Anti-arthritic active fraction of <i>Capparis spinosa</i> L. fruits and its chemical constituents. <i>Yakugaku Zasshi</i> , 2011 , 131, 423-9 | 0 | 26 |
| 215 | Molecular cloning of a potential <i>Verticillium dahliae</i> resistance gene SlVe1 with multi-site polyadenylation from <i>Solanum lycopersicoides</i> . <i>DNA Sequence</i> , 2003 , 14, 375-84 | | 26 |
| 214 | Cloning and characterization of a curcin gene encoding a ribosome inactivating protein from <i>Jatropha curcas</i> . <i>DNA Sequence</i> , 2003 , 14, 311-7 | | 26 |

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|-----|--|-----|----|
| 213 | Molecular cloning and characterization of a 1-deoxy-D-xylulose 5-phosphate reductoisomerase gene from <i>Ginkgo biloba</i> . <i>DNA Sequence</i> , 2005 , 16, 111-20 | | 26 |
| 212 | AaPDR3, a PDR Transporter 3, Is Involved in Sesquiterpene ϵ Caryophyllene Transport in. <i>Frontiers in Plant Science</i> , 2017 , 8, 723 | 6.2 | 25 |
| 211 | 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 | 5.9 | 25 |
| 210 | CDNA cloning and characterization of the Ve homologue gene StVe from <i>Solanum torvum</i> Swartz. <i>DNA Sequence</i> , 2004 , 15, 88-95 | | 25 |
| 209 | Molecular cloning and characterization of a new Na ⁺ /H ⁺ antiporter gene from <i>Brassica napus</i> . <i>DNA Sequence</i> , 2003 , 14, 351-8 | | 25 |
| 208 | Molecular cloning and characterization of a taxadienol acetyl transferase cDNA from <i>Taxus x media</i> . <i>Plant Science</i> , 2004 , 167, 759-764 | 5.3 | 25 |
| 207 | Isolation and characterization of an ERF-like gene from <i>Gossypium barbadense</i> . <i>Plant Science</i> , 2004 , 167, 1383-1389 | 5.3 | 25 |
| 206 | Identification and characterization of differentially expressed ESTs of <i>Gossypium barbadense</i> infected by <i>Verticillium dahliae</i> with suppression subtractive hybridization. <i>Molecular Biology</i> , 2005 , 39, 191-199 | 1.2 | 25 |
| 205 | A new geranylgeranyl diphosphate synthase gene from <i>Ginkgo biloba</i> , which intermediates the biosynthesis of the key precursor for ginkgolides. <i>DNA Sequence</i> , 2004 , 15, 153-8 | | 24 |
| 204 | CrERF5, an AP2/ERF Transcription Factor, Positively Regulates the Biosynthesis of Bisindole Alkaloids and Their Precursors in. <i>Frontiers in Plant Science</i> , 2019 , 10, 931 | 6.2 | 23 |
| 203 | Isolation and functional analysis of the <i>Catharanthus roseus</i> deacetylvindoline-4-O-acetyltransferase gene promoter. <i>Plant Cell Reports</i> , 2010 , 29, 185-92 | 5.1 | 23 |
| 202 | Transformation of taxol-producing endophytic fungi by restriction enzyme-mediated integration (REMI). <i>FEMS Microbiology Letters</i> , 2007 , 273, 253-9 | 2.9 | 23 |
| 201 | Production of Transgenic Rice Homozygous Lines with Enhanced Resistance to the Rice Brown Planthopper. <i>Acta Biotechnologica</i> , 2001 , 21, 117-128 | | 23 |
| 200 | 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> , 2006 , 39, 502-10 | 5.5 | 23 |
| 199 | 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 | 2.5 | 22 |
| 198 | Overexpression of allene oxide cyclase improves the biosynthesis of artemisinin in <i>Artemisia annua</i> L. <i>PLoS ONE</i> , 2014 , 9, e91741 | 3.7 | 22 |
| 197 | Functional analysis of the seed coat-specific gene GbMYB2 from cotton. <i>Plant Physiology and Biochemistry</i> , 2013 , 73, 16-22 | 5.4 | 22 |
| 196 | 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> , 2009 , 176, 66-77 ³ | | 22 |

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|-----|--|------|----|
| 195 | 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> , 2006 , 31, 255-63 | 2.3 | 22 |
| 194 | Molecular cloning and characterization of GhlecRK, a novel kinase gene with lectin-like domain from <i>Gossypium hirsutum</i> . <i>DNA Sequence</i> , 2004 , 15, 58-65 | | 22 |
| 193 | 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 | 2.7 | 20 |
| 192 | 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 | 7 | 20 |
| 191 | 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, 10-6 | 3.2 | 20 |
| 190 | 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 | 1.7 | 20 |
| 189 | Cloning and characterization of trichome-specific promoter of cpr71av1 gene involved in artemisinin biosynthesis in <i>Artemisia annua</i> L.. <i>Molecular Biology</i> , 2011 , 45, 751-758 | 1.2 | 20 |
| 188 | Molecular cloning, characterization and expression of a novel jasmonate-dependent defensin gene from <i>Ginkgo biloba</i> . <i>Journal of Plant Physiology</i> , 2005 , 162, 1160-8 | 3.6 | 20 |
| 187 | Molecular cloning and characterization of the yew gene encoding squalene synthase from <i>Taxus cuspidata</i> . <i>BMB Reports</i> , 2007 , 40, 625-35 | 5.5 | 20 |
| 186 | Isolation and characterization of a novel cDNA encoding methyl jasmonate-responsive transcription factor TcAP2 from <i>Taxus cuspidata</i> . <i>Biotechnology Letters</i> , 2009 , 31, 1801-9 | 3 | 19 |
| 185 | Distribution and polymorphism of Mariner-like elements in the Bambusoideae subfamily. <i>Plant Systematics and Evolution</i> , 2010 , 289, 1-11 | 1.3 | 19 |
| 184 | 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> , 2008 , 35, 413-20 | 2.8 | 19 |
| 183 | Characterization and expression profile analysis of a new cDNA encoding taxadiene synthase from <i>Taxus media</i> . <i>BMB Reports</i> , 2005 , 38, 668-75 | 5.5 | 19 |
| 182 | Parallel Transcriptional Regulation of Artemisinin and Flavonoid Biosynthesis. <i>Trends in Plant Science</i> , 2020 , 25, 466-476 | 13.1 | 18 |
| 181 | ARTEMISININ BIOSYNTHESIS PROMOTING KINASE 1 positively regulates artemisinin biosynthesis through phosphorylating AabZIP1. <i>Journal of Experimental Botany</i> , 2018 , 69, 1109-1123 | 7 | 18 |
| 180 | New insights into artemisinin regulation. <i>Plant Signaling and Behavior</i> , 2017 , 12, e1366398 | 2.5 | 18 |
| 179 | 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 | 1.7 | 18 |
| 178 | Isolation and characterization of a new mannose-binding lectin gene from <i>Taxus media</i> . <i>Journal of Biosciences</i> , 2004 , 29, 399-407 | 2.3 | 18 |

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|-----|---|-----|----|
| 177 | Engineering tocopherol biosynthetic pathway in lettuce. <i>Biologia Plantarum</i> , 2011 , 55, 453-460 | 2.1 | 17 |
| 176 | Expression of thymosin alpha1 concatemer in transgenic tomato (<i>Solanum lycopersicum</i>) fruits. <i>Biotechnology and Applied Biochemistry</i> , 2009 , 52, 303-12 | 2.8 | 17 |
| 175 | Molecular cloning of a novel mannose-binding lectin gene from <i>Arisaema heterophyllum</i> . <i>Plant Science</i> , 2003 , 165, 55-60 | 5.3 | 17 |
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