

| 序号 | 论文名称 | 作者 | 刊物名称 | 年卷期页 | 影响因子 |
|----|---|-----|---------------------------------------|---|--------|
| 1 | Stress-Induced Alternative Splicing Provides a Mechanism for the Regulation of MicroRNA Processing in <i>Arabidopsis thaliana</i> . | 郑成超 | Molecular Cell | 2012 | 14.178 |
| 2 | Pattern of Auxin and Cytokinin Responses for Shoot Meristem Induction Results from the Regulation of Cytokinin Biosynthesis by AUXIN RESPONSE FACTOR3 | 张宪省 | Plant Physiology | 2012.11 | 6.535 |
| 3 | Recent insights into Brassinosteroids signaling in plants. Its dual control of Plant Immunity and Stomatal Development | 李德全 | Molecular Plant | 2012, 5: 1179-1181 | 5.546 |
| 4 | Induction of Somatic Embryos in <i>Arabidopsis</i> Requires Local YUCCA Expression Mediated by the Down-regulation of Ethylene Biosynthesis | 张宪省 | Mol. Plant. | 2012.12 | 5.546 |
| 5 | Cotton <i>GhMCK5</i> affects disease resistance, induces HR-like cell death, and reduces the tolerance to salt and drought stress in transgenic <i>Nicotiana benthamiana</i> | 郭兴启 | Journal of Experimental Botany | 2012,63(10): 3935-3952 | 5.364 |
| 6 | Comparative proteomic analysis reveals similar and distinct features of proteins in dry and wet stigmas | 张宪省 | Proteomics | 2012, 1983-1998 | 4.505 |
| 7 | Characterization of Photosynthetic Performance during Senescence in Stay-Green and Quick-Leaf-Senescence Zea mays L. Inbred Lines | 高辉远 | PLOS ONE | 2012 ,Volume 7 , Issue 8 , e42936 | 4.092 |
| 8 | Transcript profile analyses of maize silks reveal effective activation of genes involved in microtubule-based movement ubiquitin-dependent protein degradation and transport in the pollination process | 张宪省 | PLOS ONE | 41275 | 4.092 |
| 9 | The Mitochondrial Phosphate Transporters Modulate Plant Responses to Salt Stress via Affecting ATP and Gibberellin Metabolism in <i>Arabidopsis thaliana</i> | 郑成超 | PLoS ONE | 2012 | 4.09 |
| 10 | Identification of genes specifically or preferentially expressed in maize silk reveals similarity and diversity in transcript abundance of different dry stigmas | 张宪省 | BMC Genomics | 2012, 1983-1998 | 4.073 |
| 11 | Mitochondrial alternative oxidase pathway protects photosynthetic apparatus against photodamage in <i>Rumex K-1</i> leaves. | 高辉远 | BMC Plant Biology | 2012, 12,40 | 3.447 |
| 12 | GhWRKY15, a member of the WRKY transcription factor family identified from cotton (<i>Gossypium hirsutum</i> L.), is involved in disease resistance and plant development | 郭兴启 | BMC Plant Biology | 2012,12: 144 | 3.447 |
| 13 | Characterization of three novel desaturases involved in the delta-6 desaturation pathways for polyunsaturated fatty acid biosynthesis from <i>Phytophthora infestans</i> | 李新征 | Appl Microbiol Biotechnol | 2012.12.11 | 3.425 |
| 14 | Constitutive accumulation of zeaxanthin in tomato alleviates salt stress-induced photoinhibition and photooxidation | 孟庆伟 | Physiologia Plantarum | 2012, online | 3.112 |
| 15 | Differences in capacities of in vitro organ regeneration between two <i>Arabidopsis</i> ecotypes Wassilewskija and Columbia | 张宪省 | Plant Cell Tissue and Organ Culture | 2012.8 | 3.09 |
| 16 | The ectopic expression of wheat expansins in tobacco driven by the RD29 promoter confers water stress tolerance and improved phenotype. | 王 玮 | Journal of Biotechnology | (2012 online), doi:10.1016/j.jbiotec.2012.11.008 | 3.045 |
| 17 | Transcript profiling of microRNAs during the early development of the maize brace root via Solexa sequencing | 吴长艾 | Gonomics | 2012, http://dx.doi.org/10.1016/j.ygeno.2012.11.004 | 3.019 |
| 18 | Cinnamic acid pretreatment enhances heat tolerance of cucumber leaves through modulating antioxidant enzyme activity | 白吉刚 | Environmental and Experimental Botany | 2012,79:1-10 | 2.985 |

| | | | | | |
|----|--|-----|--|---|-------|
| 19 | Amino acid residue E543 in JAK2 C618R is a potential therapeutic target for myeloproliferative disorders caused by JAK2 C618R mutation. | 王晓云 | Arch Biochem Biophys.528, 57-66. | 2012 | 2.935 |
| 20 | Identification and characterization of a novel calyculin binding protein (CacyBP) gene from <i>Apis cerana cerana</i> | 郭兴启 | Molecular Biology Reports | 2012,39: 8053-8063 | 2.929 |
| 21 | Overexpression of a multiple stress-responsive gene, <i>ZmMPK4</i> , enhances tolerance to low temperature in transgenic tobacco | 李德全 | Plant Physiology and Biochemistry | 2012, 58:174-181 | 2.838 |
| 22 | Antisense-mediated suppression of tomato thylakoidal | 孟庆伟 | Plant Physiology and Biochemistry | 2012, online | 2.838 |
| 23 | Characterization of a wheat (<i>Triticum aestivum</i> L.) expansin gene, TaEXPB23,involved in the abiotic stress response and phytohormone regulation | 王 玮 | Plant Physiology and Biochemistry | 54 (2012) 49-58 | 2.838 |
| 24 | Contrasting responses of salinity-stressed salt-tolerant and intolerant winter wheat(<i>Triticum aestivum</i> L.) cultivars to ozone pollution | 杨兴洪 | Plant Physiology and Biochemistry | 2012,52:169-178 | 2.838 |
| 25 | ZmMKK3, a novel maize group B mitogen-activated protein kinase gene, mediates osmotic stress and ABA signal responses | 李德全 | Journal of Plant Physiology | 2012,169:1501-1510 | 2.791 |
| 26 | Overexpression of thylakoidal ascorbate peroxidase shows enhanced resistance to chilling stress in tomato | 孟庆伟 | Journal of Plant Physiology | 2012,169:867-877 | 2.791 |
| 27 | Antisense-mediated depletion of tomato GDP-L-galactose phosphorylase increases susceptibility to chilling stress | 孟庆伟 | Journal of Plant Physiology | 2012, online | 2.791 |
| 28 | Production and in vitro antioxidant activity of exopolysaccharide by a mutant, <i>Cordyceps militaris</i> SU5-08 | 贾 乐 | International Journal of Biological Macromolecules | 2012 (51): 153–157 | 2.453 |
| 29 | Molecular characterization of a <i>Nicotiana tobaccum</i> <i>NtRDR6</i> gene. | 李 菡 | Plant Molecular Biology Reporter 0735-9640 | 2012,30:1375-1384 | 2.453 |
| 30 | Evidence that the amino acid residue Ile121 is involved in arginine kinase activity and structural stability | 王晓云 | Int J Biol Macromol.51, 369-77. | 2012 | 2.453 |
| 31 | Hydrogen peroxide is involved in nitric oxide-induced cell death in maize leaves | 孔祥培 | Plant Biology | 2012, DOI: 10.1111/j.1438-8677.2012.00598.x | 2.395 |
| 32 | Manipulation of monoubiquitin improves salt tolerance in transgenic tobacco, | 王 玮 | plant biology | 14 (2012) 315–324 | 2.395 |
| 33 | Characterization and functional analysis of GhRDR6, a novel RDR6 gene from cotton (<i>Gossypium hirsutum</i> L.) | 郭兴启 | Bioscience Reports | 2012,32: 139-151 | 2.379 |
| 34 | Identification and characterization of fructose 1,6-bisphosphate aldolase genes in Arabidopsis reveal a gene family with diverse responses to abiotic stresses | 吴长艾 | GENE | 2012,503:65 – 74 | 2.341 |
| 35 | Genome-wide analysis of the RING finger gene family in apple | 郑成超 | Gene | 2012 | 2.34 |
| 36 | Ribosomal protein L11 is related to brain maturation during the adult phase in <i>Apis cerana cerana</i> (Hymenoptera, Apidae). | 郭兴启 | Naturwissenschaften | 2012,99: 343-352 | 2.278 |
| 37 | Disrupted actin dynamics trigger an increment in the reactive oxygen species levels in the arabidopsis root under salt stress | 高新起 | Plant Cell Reports | 2012,31:1219–1226 | 2.274 |

| | | | | | |
|----|--|-----|---|-------------------------------|-------|
| 38 | The antioxidative defense system is involved in the delayed senescence in a wheat mutant <i>tasg1</i> | 王 玮 | Plant Cell Rep | (2012) 31:1073–1084 | 2.274 |
| 39 | Increased gibberellin contents contribute to accelerated growth and development of transgenic tobacco overexpressing a wheat ubiquitin gene. DOI 10.1007/s00299-012-1331-z. | 王 玮 | Plant Cell Rep | (2012) 31:2215-2227 | 2.274 |
| 40 | ZmHSP16.9, a cytosolic class I small heat shock protein in maize (<i>Zea mays</i>), confers heat tolerance in transgenic tobacco | 杨兴洪 | Plant Cell Reports | 2012, online | 2.274 |
| 41 | The identification and oxidative stress response of a zeta class glutathione S-transferase (GSTZ1) gene from <i>Apis cerana cerana</i> . | 郭兴启 | Journal of Insect Physiology | 2012,58: 782-791 | 2.236 |
| 42 | Pretreatment with 5-aminolevulinic acid mitigates heat stress of cucumber leaves | 白吉刚 | Biologia Plantarum | 2012,56:780-784 | 1.974 |
| 43 | Multiple effects of inhibition of mitochondrial alternative oxidase pathway on photosynthetic apparatus in Rumex K-1 leaves. | 高辉远 | Biology Plantarum | 2012 , 56 (2):365-368 | 1.974 |
| 44 | Improved drought resistance in a wheat stay-green mutant <i>tasg1</i> under field conditions | 王 玮 | BIOLOGIA PLANTARUM | 56 (3): 509-515, 2012 | 1.974 |
| 45 | Molecular cloning and expression characteristics of a novel MAPKKK gene, GhCTR1, from cotton (<i>Gossypium hirsutum</i> L.) | 李 菡 | South African Journal of Botany | 2012,78: 211–219 | 1.659 |
| 46 | Molecular cloning and characterization of GhWRKY11, a gene implicated in pathogen responses from cotton | 李 菡 | South African Journal of Botany 0254-6299 | 2012,81: 113–123 | 1.659 |
| 47 | Virus resistance obtained in transgenic tobacco and rice by RNA interference using promoters with distinct activity | 朱常香 | BIOLOGIA PLANTARUM | 2012, 56 (4): 742-748 | 1.657 |
| 48 | Exogenous cinnamic acid regulates antioxidant enzyme activity and reduces lipid peroxidation in drought-stressed cucumber leaves | 白吉刚 | Acta physiologiae Plantarum | 2012,34:641-655 | 1.639 |
| 49 | Transcript profiling during salt stress of young cotton (<i>Gossypium hirsutum</i>) seedlings via Solexa sequencing | 吴长艾 | Acta Physiologiae Plantarum | 2012,34:107 – 115 | 1.639 |
| 50 | Effects of Organic Acids on Zinc Homeostasis in Zinc-deficient | 王衍安 | PEDOSPHERE | 2012, 22(6): 803-814 | 1.616 |
| 51 | Abscisic acid is required for somatic embryo initiation through mediating spatial auxin response in Arabidopsis | 张宪省 | Plant Growth Regul | 2012.9 | 1.604 |
| 52 | Exogenous p-hydroxybenzoic acid regulates antioxidant enzyme activity and mitigates heat stress of cucumber leaves | 白吉刚 | Scientia Horticulturae | 2012 | 1.527 |
| 53 | The pretreatment of cucumber with methyl jasmonate regulates antioxidant enzyme activities and protects chloroplast and mitochondrial ultrastructure in chilling-stressed leaves | 白吉刚 | Scientia Horticulturae | 2012 | 1.527 |
| 54 | Production and antioxidant activity of intracellular polysaccharide by <i>Hypsizigus marmoreus</i> SK-01 | 贾 乐 | Bioresources | 2012, 7 (4): 5879–5893 | 1.328 |
| 55 | Intracellular polysaccharide and its antioxidant activity by <i>Pleurotus citrinopileatus</i> SM-01 | 贾 乐 | Macromolecular Research | 2012. DOI 10.1007/s13233-013- | 1.153 |

| | | | | | |
|----|--|-----|--|---------------------------------------|-------|
| 56 | Genomewide analysis of intronic microRNAs in rice and Arabidopsis | 杨国栋 | Journal of Genetics | 2012.12 | 1.086 |
| 57 | Suppression of adipogenesis in mouse mesenchymal stem cells by imipramine | 李海芳 | Tissue and Cell | 2012,44:132-136. | 1.038 |
| 58 | Transgenic tomato plants overexpressing chloroplastic monodehydroascorbate reductase are resistant to salt and PEG-induced osmotic stress | 孟庆伟 | Plant Cell Reports | 2012,50(1):120-128 | 1 |
| 59 | Ascorbate plays a key role in alleviating low temperature-induced oxidative stress in Arabidopsis | 孟庆伟 | Photosynthetica | 2012,50(4):602-612 | 1 |
| 60 | 基于机器学习方法 H1N1 神经氨酸苷酶抑制剂的分类预测 | 吕 巍 | Acta Physico-Chimica Sinica | 2013 | 0.78 |
| 61 | Two new species in the Graphidaceae (Ostropales, Ascomycota) from China | 贾泽峰 | Mycotaxon | 2012.7-9121: 75-79 | 0.709 |
| 62 | Optimization of production conditions for β -mannanase using apple pomace as raw material in solid-state fermentation | 孙中涛 | Ann Microbiol | 2012.3, DOI 10.1007/s13213-012-0449-0 | 0.689 |
| 63 | Characterization of 10 tobacco vein banding mosaic virus isolates from China | 温孚江 | Acta virologica | 2012, 56: 19 - 24 | 0.682 |
| 64 | Purification, composition analysis and antioxidant activity of different polysaccharides from the fruiting bodies of <i>Pholiota adiposa</i> . | 聂永心 | African Journal of Biotechnology | 2012.08 | 0.574 |
| 65 | Extraction optimization of exopolysaccharide by <i>Pleurotus cornucopiae</i> SS-02 and its antioxidant activity | 贾 乐 | African Journal of Biotechnology | 2012, 11(21): 4815-4825 | 0.573 |
| 66 | Biochemical Properties of Oxidases by Yali pear | 贾 乐 | African Journal of Biotechnology | DOI:10.5897/AJB12.843 | 0.573 |
| 67 | Extraction and in vitro antioxidant activity of exopolysaccharide by <i>Pholiota adiposa</i> SX-01. | 贾 乐 | African Journal of Microbiology Research | 2012, 6(8): 1869-1876. | 0.539 |
| 68 | A dry mass and zinc accumulation model of young apple tree in sand culture under zinc stress | 王衍安 | J FOOD AGRIC ENVIRON | 2012 .10.(1):997-1000 | 0.517 |
| 69 | Effects of photoperiod on alternative respiration pathway in nectarine flower buds during dormancy induction | 张海森 | Agricultural Sciences in China | 2011,10(12):1881-1886 | 0.449 |
| 70 | Effects of photoperiod on key enzyme activities of respiration in nectarine buds during dormancy induction | 张海森 | Agricultural Sciences in China | 2011,10(7):1026-1031 | 0.449 |
| 71 | Mapping of QTL Associated with Drought Tolerance in A Semi-Automobile Rain Shelter in Maize (<i>Zea mays</i> L.) | 王泽立 | ChinaAgricultur | 2011,(7):145-149 | 0.406 |
| 72 | 几种经济作物根际拮抗细菌的多样性 | 丁延芹 | 应用生态学报 | 2012.02 | 一级学报 |
| 73 | CuCl ₂ 胁迫对烟草 BY-2 悬浮细胞死亡的诱导 | 高辉远 | 植物生理学报 | 2012, 48 (2): 173~180 | 一级学报 |
| 74 | 低温光抑制恢复过程中黄瓜叶片 PSII 活性及其电子传递对 PSI 的影响 | 高辉远 | 应用生态学报 | 2012, 23 (4) 1049-1054 | 一级学报 |

| | | | | | |
|----|---|-----|---------|------------------------|------|
| 75 | 杂交酸模叶片线粒体交替氧化酶呼吸途径在光破坏防御中的作用 | 高辉远 | 应用生态学报 | 2012,23(7): 1803-1808 | 一级学报 |
| 76 | 玉米持绿与早衰品种叶片衰老过程中光化学活性的变化 | 高辉远 | 作物学报 | 2013, 39(1): | 一级学报 |
| 77 | 温度上升提高了黄瓜叶片线粒体交替氧化酶呼吸途径对光破坏防御作用 | 高辉远 | 植物生理学报 | 2013, 49 (1): | 一级学报 |
| 78 | 保绿玉米与早衰玉米叶片衰老过程中叶绿素降解与光合作用光化学活性的关系 | 高辉远 | 中国农业科学 | 2012,45 (23) | 一级学报 |
| 79 | 球等鞭金藻 <i>Isochrysis galbana</i> 中 $\Delta 5$ 去饱和酶基因的克隆与功能鉴定 | 李新征 | 水生生物学报 | 2012,36(3):412-419 | 一级学报 |
| 80 | 过表达番茄 GDP-L-半乳糖磷酸酶基因提高 | 孟庆伟 | 植物生理学报 | 2012,48(7):689-698 | 一级学报 |
| 81 | 黄伞子实体多糖 PAP2 的分离纯化及其结构初步鉴定 | 聂永心 | 食品与发酵工业 | 2011, 37(12):21-24 | 一级学报 |
| 82 | 扩展蛋白与植物抗逆性关系研究进展 | 王 玮 | 植物生理学报 | 2012, 48 (7): 637-642 | 一级学报 |
| 83 | 缺锌胁迫对苹果砧木根系构型及其锌积累的影响 | 王衍安 | 园艺学报 | 2012,39(4):613-620 | 一级学报 |
| 84 | 缺锌胁迫对苹果砧木幼苗抗氧化能力和激素含量的影响 | 王衍安 | 园艺学报 | 2012,39(8):1429-1436 | 一级学报 |
| 85 | 不同苹果砧木幼苗根系形态和锌利用效率对锌胁迫的响应 | 王衍安 | 中国农业科学 | 2012,45(18):3801-3811 | 一级学报 |
| 86 | 益生菌和葡聚糖对冷应激状态下贵妃雏鸡血液学变化的影响 | 袁学军 | 中国兽医学报 | 2012, 32 (3) : 437-440 | 一级学报 |
| 87 | 家蚕 ABP 与 ABPX 基因定位与表达分析 | 张 瑶 | 昆虫学报 | 2012.8 | 一级学报 |
| 88 | 高温对耐热大葱品种 PS II 和抗氧化酶活性的影响 | 赵世杰 | 园艺学报 | 2012,39(1):175-181 | 一级学报 |
| 89 | 山东小麦品种更替过程中光合特性的演变 | 赵世杰 | 中国农业科学 | 2012,45:3883-3891 | 一级学报 |
| 90 | 1950 年以来山东省主推小麦品种的遗传多样性演变 | 赵世杰 | 分子植物育种 | 2012,10 (2):228-237 | 一级学报 |
| 91 | 小麦 TaYAB2 基因的过量表达造成转基因拟南芥叶片近轴面特征趋向远轴面 | 赵翔宇 | 作物学报 | 41091 | 一级学报 |