

生物技术专业

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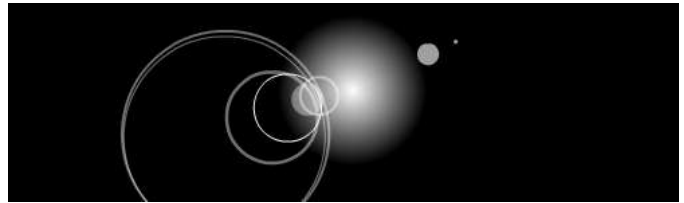
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科学研究>科研论文

专业教师发表的 IF> 5.0 研究论文 (2011-2013)

论文名称	刊物	年份	作者	影响因子
Expression analysis of segmentally duplicated ZmMPK3-1 and ZmMPK3-2 of maize	Plant Molecular Biology Reporter	2013	李德全	5.319
Genome-wide analysis of mitogen-activated protein kinase gene family in maize	Plant Molecular Biology Reporter	2013	李德全	5.319
Arabidopsis COBRA-LIKE 10, a GPI-anchored protein, mediates directional growth of pollen tubes	The Plant Journal	2013	李厦	5.582
The C-Terminal Hypervariable Domain Targets Arabidopsis ROP9 to the Invaginated Pollen Tube Plasma Membrane	Mol. Plant.	2013	李厦	6.126
A chloroplast-targeted DnaJ protein contributes to maintenance of photosystem II under chilling stress.	Journal of Experimental Botany	2013	孟庆伟	5.242
Enhanced stability of thylakoid membrane proteins and antioxidant competence contribute to drought stress resistance in the tasg1 wheat stay-green mutant.	Journal of experimental Botany	2013	王玮	5.242
Arabidopsis SAG protein containing the MDN1 domain participates in seed germination and seedling development by negatively regulating ABI3 and ABI5	Journal of experimental Botany	2013	吴长艾	5.242
Genetic engineering of glycine betaine biosynthesis reduces the heat-enhanced photoinhibition by enhancing antioxidative defense and alleviating lipid peroxidation in tomato	Plant Molecular Biology Reporter	2013	杨兴洪	5.319
Arabidopsis PROTEIN S-ACYL TRANSFERASE 10 is Critical for Development and Salt Tolerance.	Plant Cell	2013	张彦	9.251
Arabidopsis RopGEF4 and RopGEF10 are important for FERONIA-mediated developmental but not environmental regulation of root hair growth	New Phytol	2013	张彦	6.736
The Juxtamembrane and carboxy-terminal domains of Arabidopsis PRK2 are critical for ROP-induced growth in pollen tubes	J Exp Bot	2013	张彦	5.242
Cotton GhMCK5 affects disease resistance, induces HR-like cell death, and reduces the tolerance to salt and drought stress in transgenic Nicotiana benthamiana	Journal of Experimental Botany	2012	郭兴启	5.364
Recent insights into Brassinosteroids signaling in plants. Its dual control of Plant Immunity and Stomatal Development	Molecular Plant	2012	李德全	5.546
Induction of Somatic Embryos in Arabidopsis Requires Local YUCCA Expression Mediated by the Down-regulation of Ethylene Biosynthesis	Mol. Plant.	2012	张宪省	5.546
Pattern of Auxin and Cytokinin Responses for Shoot Meristem Induction Results from the Regulation of Cytokinin Biosynthesis by AUXIN RESPONSE FACTOR3	Plant Physiology	2012	张宪省	6.535
Stress-Induced Alternative Splicing Provides a Mechanism for the Regulation of MicroRNA Processing in Arabidopsis thaliana.	Molecular Cell	2012	郑成超	14.178
A Novel Late Embryogenesis Abundant Like Protein Associated with Chilling Stress in Nicotiana tabacum cv. Bright Yellow-2 Cell Suspension Culture	Molecular and Cellular Proteomics	2011	盖英萍	9.392
ZmMCK4, a novel group C MAPK kinase in maize (Zea mays), confers salt and cold tolerance in transgenic Arabidopsis	Plant Cell Environment	2011.	李德全	5.145
A multifunctional protein encoded by Turkey herpesvirus suppresses RNA silencing in Nicotiana benthamiana.	Journal of Virology	2011	刘红梅	5.189
Membrane Topology and Mutational Analysis of Mycobacterium tuberculosis VKOR, a Protein Involved in Disulfide Bond Formation and a Homologue of Human Vitamin K Epoxide Reductase	Antioxidants & Redox Signaling (2011)	2011	王晓云	8.209
Stochastic dynamics of actin filaments in guard cells regulating chloroplast localization during stomatal movement	Plant, Cell and Environment	2011	王秀玲	5.145
Glycinebetaine enhances the tolerance of tomato plants to high temperature during germination of seeds and growth of seedlings	Plant Cell & Environment	2011	杨兴洪	5.145
DNA Methylation and Histone Modifications Regulate De Novo Shoot Regeneration in Arabidopsis by Modulating WUSCHEL Expression and Auxin Signaling	PLoS Genetics	2011	张宪省	9.543
Overexpression of Arabidopsis thaliana PTEN Caused Accumulation of Autophagic Bodies in Pollen Tubes by Disrupting Phosphatidylinositol 3-Phosphate Dynamics.	The Plant Journal	2011	张彦	6.948

