

## 七、发表的研究论文

序号	通讯作者	论文题目	刊物名称/发表年月/ 卷期/页码	影响因子
1	巩志忠	Auxin Response Factor2 (ARF2) and its regulated homeodomain gene HB33 mediate abscisic acid response in Arabidopsis	<b><i>PLoS Genetics</i></b> 2011, 7:e1002172	9.543
2	巩志忠	The coupling of epigenome replication with DNA replication. Current Opinion in Plant Biology	<b><i>Current Opinion in Plant Biology</i></b> 2011,14:187-194	9.431
3	巩志忠	Active DNA demethylation by oxidation and repair. Cell research	<b><i>Cell research</i></b> 2011, 21:1649-1651 (on line)	9.417
4	郭 岩	The Plant-Specific Actin Binding Protein SCAB1 stabilizes actin filaments and regulates stomatal movement in <i>Arabidopsis</i>	<b><i>The Plant Cell</i></b> 2011, 23:2314-2330	9.396
5	任东涛	Glutathione-Indole-3-Acetonitrile Is Required for Camalexin Biosynthesis in <i>Arabidopsis thaliana</i>	<b><i>The Plant Cell</i></b> 2011, 23:364-380	9.396
6	刘国琴	Arabidopsis Kinesin KP1 Specifically Interacts with VDAC3, a Mitochondrial Protein, and is Required for Respiratory Regulation during Seed Germination at Low Temperature.	<b><i>The Plant Cell</i></b> 2011, 23(3):1093-1106	9.396
7	毛同林	MDP25, A Novel Calcium Regulatory Protein, Mediates Hypocotyl Cell Elongation by Destabilizing Cortical Microtubules in Arabidopsis	<b><i>The Plant Cell</i></b> 2011,23:4411-27	9.396
8	陈 新	The Predicted Arabidopsis Interactome Resource and Network Topology-Based Systems Biology Analyses	<b><i>The Plant Cell</i></b> 2011, 23: 911-922	9.396
9	杨淑华	BON1 interacts with the protein kinases BIR1 and BAK1 in modulation of temperature-dependent plant growth and cell death in Arabidopsis	<b><i>The Plant Journal</i></b> 2011,67: 1081-1093	6.946
10	叶 德	<i>Male gametophyte defective 4</i> encodes a rhamnogalacturonan II xylosyltransferase and is important for growth of pollen tubes and roots in Arabidopsis.	<b><i>The Plant Journal</i></b> 2011 ,65(4):647-660	6.946

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11	吴平	Root hair-specific expansins modulate root hair elongation in rice	<i>The Plant Journal</i> 2011, 66:725-734	6.946
12	吴平	OsIAA23-mediated auxin signaling defines postembryonic maintenance of QC in rice. .	<i>The Plant Journal</i> 2011, 38:433-442	6.946
13	吴平	OsPHF1 Regulates the Plasma Membrane Localization of Low- and High-Affinity Inorganic Phosphate Transporters and Determines Inorganic Phosphate Uptake and Translocation in Rice	<i>Plant Physiology</i> 2011,157:269-278	6.451
14	吴平	Investigating the Contribution of the Phosphate Transport Pathway to Arsenic Accumulation in Rice.	<i>Plant Physiology</i> 2011, 157:498-508	6.451
15	郭岩	Phosphorylation of SOS3-like Calcium Binding Proteins by their interacting SOS2-like Protein Kinases is a common regulatory mechanism in Arabidopsis	<i>Plant Physiology</i> 2011,156: 2235-2243	6.451
16	郑绍建	Cell wall hemicellulose contributes significantly to Al adsorption and root growth in Arabidopsis	<i>Plant Physiology</i> 2011, 155:1885-1892	6.451
17	毛传藻	Identification of a novel mitochondrial protein, short postembryonic roots 1 (SPR1), involved in root development and iron homeostasis in <i>Oryza sativa</i>	<i>New Phytologist</i> 2011, 189:843-855	6.033
18	郑绍建	Cadmium-induced oxalate secretion from root apex is associated with cadmium exclusion and resistance in <i>Lycopersicon esulentum</i>	<i>Plant Cell and Environment</i> 2011, 34:1055-1064	5.145
19	郑绍建	A de novo synthesis citrate transporter, VuMATE, implicates in Al-activated citrate efflux in rice bean ( <i>Vigna umbellata</i> ) root apex.	<i>Plant Cell and Environment</i> 2011, 34:2138-2148	5.145
20	李颖章	Hydrogen peroxide modulates the dynamic microtubule cytoskeleton during the defense responses to <i>Verticillium dahliae</i> toxins in Arabidopsis	<i>Plant, Cell and Environment</i> 2011, 34:1586-1598 (Cover article)	5.145
21	苏震	LSPR: an integrated periodicity detection algorithm for unevenly sampled temporal microarray data	<i>Bioinformatics</i> 2011,27: 1023-1025	4.877
22	陈立群	Arabisopsis CSLD1 and CSLD4 are required for cellulose deposition and normal growth of pollen tubes	<i>Journal of Experimental Botany</i> 2011,62:5161-5177	4.820

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23	苏震	Transcriptome Phase Distribution Analysis Reveals Diurnal Regulated Biological Processes and Key Pathways in Rice Flag Leaves and Seedling Leaves	<b>PLoS ONE</b> 2011,6(3): e17613	4.411
24	吴平	A Gain-of-Function Mutation in OsIAA11 Affects Lateral Root Development in Rice.	<b>Molecular Plant</b> 2011, doi: 10.1093/mp/ssr074	4.296
25	吴平	OsCAND1 Is Required for Crown Root Emergence in Rice	<b>Molecular Plant</b> 2011, 4:289-299	4.296
26	寿惠霞	Ethylene is involved in the regulation of iron homeostasis in rice by regulating the expression of iron-acquisition-related genes in <i>Oryza sativa</i>	<b>Journal of Experimental Botany</b> 2011, 62:667-674	4.271
27	苏震	Transcriptome analysis reveals salt-stress-regulated biological processes and key pathways in roots of cotton ( <i>Gossypium hirsutum</i> L.)	<b>Genomics</b> 2011, 98: 47-55	3.327
28	陈珈	<i>OVP1</i> , a vacuolar H <sup>+</sup> -translocating inorganic pyrophosphatase(V-Ppase), overexpression improved rice cold tolerance	<b>Plant Physiology and Biochemistry</b> 2011, 49:33-38	2.485
29	李召虎	Arabidopsis LOS5/ABA3 overexpression in transgenic tobacco ( <i>Nicotiana tabacum</i> cv. Xanthi-nc) results in enhanced drought tolerance	<b>Plant Science</b> 2011,181:405-411	2.481
30	寿惠霞	Identification of rice purple acid phosphatases related to Pi-starvation signaling	<b>Plant Biology</b> 2011,13:7-15	2.223
31	叶德	WBC27, an adenosine tri-phosphate-binding cassette protein, controls pollen wall formation and patterning in Arabidopsis	<b>J Integr Plant Biol.</b> 2011, 53(1):74-88	1.603
32	李召虎	Effects of <i>dapA</i> gene deletion on coronatine biosynthesis in <i>Pseudomonas syringae</i> pv. <i>glycinea</i> PG4180	<b>World Journal of Microbiology and biotechnology</b> 2011, 27(2):325-331	1.214
33	郭岩	The Alkaline Tolerance In Arabidopsis Requires Stabilizing Microfilament Partially Through Inactivation Of PKS5 Kinase	<b>JGG</b> 2011, 38:307-313	0.8
34	田晓莉	Genotypic variations in potassium uptake and utilization in cotton	<b>Journal of Plant Nutrition</b> 2011, 34:83-97	0.726