



## 历年科技成果

学术科研-科研成果 加入时间：2012-05-29 11:09:40 信息员：沙莉 生命学院 点击：

2011年度

- 我院关雄教授主持的科研项目“细菌农药新资源及产业化新技术新工艺研究”项目获2010年国家科技进步二等奖。
- 我院林占熿研究员为首席科学家的“国家菌草工程技术研究中心”获国家科技部批准组建。这是福建省农业领域首个国家级工程技术研究中心。
- 我院林占熿研究员被评为2010年全国优秀科技工作者。
- 我院林文雄教授为带头人的“作物生态与分子生理学创新团队”入选2011年度福建省高等学校科技创新团队。
- 我院关雄教授为带头人的“生物农药及化学生物学创新团队”入选2011年度福建省高等学校科技创新团队。
- 年度我院教师发表SCI (EI, ISTP) 论文34篇。

生命科学学院2011年度发表SCI (EI, ISTP) 论文一览表

第一作者	论文名称	期刊名称/卷期/页码
林文雄 (通讯作者)	Characterization of Metaproteomics in Crop Rhizospheric Soil.	Journal of Proteome Research, 2011, 10 (3) : 932-940
林文雄 (通讯作者)	Comparative Metaproteomic Analysis on Consecutively <i>Rehmannia glutinosa</i> -Monocultured Rhizosphere Soil	PLoS ONE, 2011, 6 (5) : 1-12
林文雄 (通讯作者)	Effects of consecutively monocultured <i>Rehmannia glutinosa</i> L. on diversity of fungal community in rhizospheric soil	Agricultural Sciences in China, 2011, 10 (9) : 1374-1384
林文雄 (通讯作者)	Effects of potassium application on functional diversities of microbes in rhizospheric soil of continuous cropped tobacco	Allelopathy Journal. 2011, 27(2):185-192
林文雄 (通讯作者)	Positive allelopathic stimulation and underlying molecular mechanism of <i>Achyranthe</i> under continuous monoculture	Acta Physiol Plant, 2011, DOI:10.1007/s11738-011-0774-0
吴为人 (通讯作者)	<i>AVR1-CO39</i> is a predominant locus governing the broad avirulence of <i>Magnaporthe grisea</i> strain 2539 on cultivated rice ( <i>Oryza sativa</i> L.)	Molecular Plant Microbe Interaction, 2011, 24(1): 13-17
吴为人 (通讯作者)	Genetic analysis and fine mapping of an enclosed panicle mutant <i>esp2</i> in rice ( <i>Oryza sativa</i> L.)	Chinese Science Bulletin, 2011, 56 (14): 1476-1480
关雄 (通讯作者)	The analysis of the immobilization mechanism of Ni(II) on <i>Bacillus cereus</i>	J. Nanoscience and Nanotechnology, 2011, 11(4): 3597-3603
关雄 (通讯作者)	Effect of different energy sources on <i>Ochrobactrum anthropi</i> bacteria chromium reduction	Chinese J. Struct. Chem., 2011, 30(6): 819-826
何华勤 (通讯作者)	Phosphoproteins regulated by heat stress in rice leaves.	Proteome Science 2011, 9:37
汪世华 (通讯作者)	Detection and identification of <i>Vibrio parahaemolyticus</i> by multiplex PCR and DNA-DNA hybridization on a microarray.	Journal of genetics and genomics, 2011, 38 (3): 129-135

汪世华 (通讯作者)	Expression of <i>Trichoderma reesei</i> $\beta$ -Xylanase in <i>Escherichia coli</i> and its function in degradation of Juncao holocellulose.	Advanced Materials Research, 2011, 236-238: 1058-1062
汪世华 (通讯作者)	Thermostability evolution of the Xylanase.	Advanced Materials Research, 2011, 236-238: 974-980.
祁建民	Analysis of Genetic Diversity and Phylogenetic Relationship of Kenaf Germplasm by SRAP	Journal of Natural Fibers, 2011, 8:99-110
祁建民 (通讯作者)	Genetic linkage map construction for kenaf using SRAP, ISSR and RAPD markers	Plant breeding, 2011, 130 (6) : 679-687
祁建民 (通讯作者)	A Genetic Linkage Map of Kenaf ( <i>Hibiscus cannabinus</i> .L) Based on SRAP ISSR and RAPD Makers	Agricultural Sciences in China, 2011, 10 (9) : 1346-1353
祁建民 (通讯作者)	Optimization of Two-Dimensional Gel Electrophoresis for Kenaf Leaf Proteins	Agricultural Sciences in China, 2011, 12: 1842-1850
林瑞余	Impact of applied phenolic acids on the microbes, enzymes and available nutrients in paddy soils.	Allelopathy Journal, 2011, (2): 225-236
何海斌	Herbicidal effect of mixture of oxygenic terpenoids on paddy weeds.	Allelopathy Journal 2011, 27(1): 133-142
庄振宏	Gut SCP is an immune-relevant molecule involved in the primary immunological memory or pattern recognition in the <i>amphioxus Branchiostoma belcheri</i> .	Fish & Shellfish Immunology. 2011, 30 (2): 700-705
庄振宏	CaVP is an innate immune protein against bacterial challenge in amphioxus <i>Branchiostoma belcheri</i> .	Fish & Shellfish Immunology. 2011, 31 (2):217-23.
庄振宏	Cloning and prokaryotic expression and structure prediction of <i>prx 11</i> the differentially expressed gene under AFB1 stress.	Advanced Materials Research. 2011: 1078-1082.
方长句	Suppression and overexpression of <i>Lsi 1</i> induce differential gene expression in rice under ultraviolet radiation	Plant growth regulation, 2011, 65 (1) : 1-10
吴杏春	A proteomic analysis of leaf responses to enhanced ultraviolet-B radiation in two rice ( <i>Oryza sativa</i> L.) cultivars differing in UV sensitivity	Journal of Plant Biology. 2011, 54:251-261
林世强	Crystalstructure of DNA polymerase III [beta] sliding clamp from <i>Mycobacterium tuberculosis</i>	Biochemical and Biophysical Research Communications, 2011. 405(2): 272-277
孙淑静	The level of secreted laccase activity in the edible fungi and their growing cycles are closely related	Current Microbiology, 2011, 62:871 - 875.
张灵玲	The potential of the novel mosquitocidal <i>Bacillus thuringiensis</i> strain LLP29 for use in practice	Journal of Vector Ecology, 2011, 36(2): 458-460
黄碧芳	Differential Proteomic Analysis of Temperature-Induced Autolysis in Mycelium of <i>Pleurotus tuber-regium</i>	Current Microbiology. 2011, 62(4): 1160-1167
李涛	Diaquabis(2-hydroxy-5-ethoxybenzoate) zinc.	Acta Cryst. 2011, E67, m1262
曹高娟	Open-framework aluminoborate co-templated by two types of primary amines	DaltonTransactions. 2011, 40: 2940-2946
郑燕	AVR1-CO39 is a predominant locus governing the broad avirulence of Magnaporthe oryzae strain 2539 on cultivated rice ( <i>Oryza sativa</i> L.)	Mol Plant-Micro Inter, 2011, 24(1):13-17
陈婷	The construction of a new rice Industrial chain: a case study from the view of circular economy	Journal of Resource and Ecology, 2011, 2 (1):51-55
林世强	A simplified method for reconstituting active <i>E. coli</i> DNA polymerase III.	Protein Cell, 2011. 2 (4): p. 303-7.
连玲丽	Induction of systemic resistance in tobacco against Tobacco mosaic virus by <i>Bacillus spp.</i>	Biocontrol Science and Technology, 2011. 21 (3): 281-292.

生命科学学院2010年度发表SCI论文一览表

第一作者	论文名称	期刊名称/卷期/页码
林文雄 (通讯作者)	Genomic analysis of allelopathic response to low nitrogen and barnyardgrass competition in rice ( <i>Oryza sativa</i> L.)	Plant Growth Regulation. 2010, 61:277 - 286
林文雄 (通讯作者)	Effects of two species of inorganic arsenic on the nutrient physiology of rice seedlings	Acta Physiol Plant 2010, 32:245 - 251
林文雄 (通讯作者)	Molecular physiological mechanism of increased weed suppression ability of allelopathic rice mediated by low phosphorus stress.	Allelopathy Journal. 2010, 25 (1): 239-248
王宗华 (通讯作者)	A Homeobox Gene Is Essential for Conidiogenesis of the Rice Blast Fungus <i>Magnaporthe oryzae</i> .	Mol Plant Microbe Interact. 2010 23(4):366-375
吴为人 (通讯作者)	Molecular cloning and functional characterization of OsJAG gene based on a complete-deletion mutant in rice ( <i>Oryza sativa</i> L.)	Plant Molecular Biology, 2010, 74: 605-615
吴为人 (通讯作者)	Fine mapping of cisc(t), a gene for cold-induced seedling chlorosis, and identification of its candidate in rice	Chinese Science Bulletin, 2010, 55: 3149-3153
吴为人 (通讯作者)	Investigation and utilization of intron length polymorphisms in conifers.	New Forests, 2010, DOI 10.1007/s11056-010-9229-5
陈伟 (通讯作者)	Comparative proteomic analysis of longan ( <i>Dimocarpus longan</i> Lour.) seed abortion.	Planta, 2010, 231: 847-860
陈伟 (通讯作者)	Identification of differentially expressed proteins during development of longan cotyledon embryos.	Scientia Horticulturae, 2010, 126: 426 - 433
陈伟 (通讯作者)	Differential and house-keeping proteins of longan embryos at different development stages.	Acta Horticulturae, 2010, 863, 293-298
陈伟 (通讯作者)	Analysis of 2-DE profiles of floral reversion bud proteins in longan ( <i>Dimocarpus longan</i> Lour.).	Acta Horticulturae, 2010, 863, 285-291
阙树福	Evaluation of Protein Phosphorylation Site Predictors.	Protein & Peptide Letters, 2010, 17: 64-69
何华勤	Photosynthesis, Yield, and Chemical Composition of Tieguanyin Tea Plants ( <i>Camellia sinensis</i> (L.) O. Kuntze) in Response to Irrigation Treatments.	Agriculture Water Management. 2010, 97 (3): 419-425
杨桂娣	Analysis of ultratrace triorganotin compounds in aquatic organisms by using capillary electrophoresis - inductively coupled plasma mass spectrometry	Talanta, 2010, 80(5):1913-1918
汪世华 (通讯作者)	Purification and characterization of an extracellular xylanase from <i>Aspergillus niger</i> C3486.	African Journal of Microbiology Research, 2010, 4 (21): 2249-2256
何海斌	Effects of allelopathic rice on barnyard grass stress: I. Morphological and physiological responses	Allelopathy Journal. 2010, 26(2): 185-196
魏道智	In vitro cytotoxic potential on human cancer cells and chemical constituents of <i>Gryllotalpa orientalis</i>	Chemistry of Nature Compounds 2010, 46(4): 617-620
邱君志	A new species of <i>Aschersonia</i> (Clavicipitaceae, Hypocreales) from China	Mycotaxon, 2010. 111: 471-475
邱君志	A new pathogen of scale insects, <i>Aschersonia fusispora</i> sp. nov. (Clavicipitaceae) from Guangxi Province, China	Mycotaxon, 2010. 113: 81-85
袁军	<i>Ruegeria pelagialis</i> a later synonym of <i>Ruegeria mobilis</i> .	Int J Syst Evol Microbiol, 2010, 60 (8) :1918-1920.
张灵玲	A novel Mosquitocidal <i>Bacillus thuringiensis</i> Strain LLP29 Isolated from the Phylloplane of <i>Magnolia denudate</i> . Microbiological Research	Microbiol Res. 2010. 165: 133-141
熊君	qRT-PCR analysis of key enzymatic genes related to phenolic acid metabolism in rice accessions ( <i>Oryza Sativa</i> L.) exposed to low nitrogen treatment	Allelopathy Journal. 2010,25 (2) : 345-356
赵艳	bis( $\mu^2$ -2,2'-(4-(carboxymethoxy)phenylazanediy)diacetato-0,0,0')-bis(1,10-phenanthroline)-di-copper(ii)	Acta Crystallographica Section E. 2010, E66, m1670 - m1671

- 生命科学学院9个项目获2010年国家自然科学基金资助。
- 小GTP酶Rac1介导的稻瘟病菌产孢过程的分子机理及其演化特点（王宗华，重点项目）

- 小白鼠肝脏AFB1膜结合蛋白的筛选和功能鉴定（庄振宏）
- 座壳孢多基因系统发育与分类系统重建（邱君志）
- 稻瘟病菌MgRab5与MgRab7效应蛋白的筛选及其在调控致病性中的作用机制（周洁）
- 逆境胁迫下水稻异三聚体G蛋白及其磷酸化修饰的作用机理研究（何华勤）
- 化感水稻根际土壤关键微生物蛋白互作及其功能（林瑞余）
- 化感水稻抑草圈形成的土壤微生物变化与调控机制研究（何海斌）
- 秋茄耐盐分子网络解析及抗盐相关功能基因研究（陈伟）
- 苏云金杆菌Cry毒素抗假眼小绿叶蝉的定向筛选与改造（关雄）
- 我院汪世华教授主持的科研项目“基于新型基因工程单链抗体的真菌毒素及病原微生物检测”获2010年度福建省自然科学奖二等奖。
- 我院潘大仁教授主持的科研项目“甾醇有机污染物高效降解工程菌的研究与应用”获2010年度福建省科技进步三等奖。
- 我院汪世华教授主持的科研成果“基因工程抗体及生物体外诊断试剂盒”与福州康和尔生物科技有限公司签订产业化开发合作协议。

2009年度

- 2009年度我院教师发表SCI（EI）论文31篇。

生命科学学院2009年度发表SCI（EI，ISTP）论文一览表

第一作者	论文名称	期刊名称/卷期/页码
林文雄 (通讯作者)	Physiological responses of allelopathic rice accessions to low phosphorus stress.	Allelopathy Journal. 2009, 23 (2): 175-184
林文雄 (通讯作者)	Analysis of gene expressions associated with increased allelopathy in rice ( <i>Oryza sativa</i> L.) induced by exogenous salicylic acid.	Plant Growth Regulation. 2009, 57:163-172
林文雄 (通讯作者)	UV-induced differential gene expression in rice cultivars analyzed by SSH	Plant Growth Regulation. 2009, 59:245-253
王宗华 (通讯作者)	Identification of Arabidopsis Mutants with Enhanced Resistance to Sclerotinia Stem Rot Disease from an Activation-tagged Library	Journal of Phytopathology, 2009, 157(1): 63-69
王宗华 (通讯作者)	An oxidative stress response to polycyclic aromatic hydrocarbon exposure is rapid and complex in Arabidopsis thaliana	Plant Science, 2009, 176(3): 375-382
王宗华 (通讯作者)	The Magnaporthe oryzae avirulence gene AvrPiz-t encodes a predicted secreted protein that triggers the immunity in rice mediated by the blast resistance gene Piz-t	Mol Plant Microbe Interact. 2009, 22 (4): 411-420
王宗华 (通讯作者)	A Cdc42 ortholog is required for penetration and virulence of Magnaporthe grisea	Fungal Genet Bio. 2009, 46(6-7): 450-460
关雄 (通讯作者)	Cloning, expression and characterisation of a promising mosquitocidal gene	Indian Journal of Experimental Biology. 2009, 47: 799-803
关雄 (通讯作者)	Functional analysis of active site residues of <i>Bacillus thuringiensis</i> WB7 Chitinase by site-directed mutagenesis	World Journal of Microbiology and Biotechnology. 2009, 25: 2147-2155
陈伟 (通讯作者)	Proteomic analysis of differentially expressed proteins in longan flowering reversion buds.	Scientia Horticulturae, 2009, 122: 275-280
何华勤 (通讯作者)	Differential regulation of proteins and phosphoproteins in rice under drought stress	Biochemical Biophysical Research Communication. 2009, 379 (1): 133-138
汪世华 (通讯作者)	Fermentation optimization and characterization of the laccase from <i>Pleurotus ostreatus</i> strain 10969.	Enzyme and Microbial Technology, 2009, 44, 426-433.
汪世华 (通讯作者)	Cloning and Bioinformatics analysis of an endoglucanase <i>Trichoderma reesei</i> .	2009 WRI world congress on software engineering, 2009, 2: 268-272
汪世华 (通讯作者)	Expression of xylanase from <i>A. niger</i> C3486 and analysis by informatics.	2009 WRI world congress on software engineering 2009, 2: 313-317

潘大仁 (通讯作者)	Characterization and heterologous expression of testosterone-inducible regulator from <i>Comamonas testosteroni</i> in <i>Escherichia coli</i>	CJAB.6(1): 41-47. 2009, CUP Published
周洁	Functional analysis of an-1,2- $\alpha$ mannosidase from <i>Magnaporthe oryzae</i>	Curr Genet, 2009, 55 (4) :485 - 496
邱君志	Two <i>Aschersonia</i> species from Fujian new to China	Mycosystema, 28 (1) : 60-63
邱君志	The finding of <i>Moelleriella ochracea</i> (Ascomycota, Clavicipitaceae) in China	Mycosystema, 2009, 28 (1) : 148-150
杨桂娣	Determination of organophosphorus pesticides by capillary electrophoresis inductively coupled plasma mass spectrometry with collective sample introduction technique	Electrophoresis 2009, 30(10), 1718-1723.
杨桂娣	Speciation analysis of arsenic in <i>Mya arenaria</i> Linnaeus and Shrimp with capillary electrophoresis inductively coupled plasma mass spectrometry.	Talanta 2009, 78(2), 471-476
杨桂娣	Speciation Analysis of Arsenic in Seafood with Capillary Electrophoresis UV Detection	分析化学, 2009, 37(4), 532-536
何海斌	Herbicidal effect of a combination of oxygenic terpenoids on <i>Echinochloa crus-galli</i> .	Weed Research 2009, 49(2): 183 - 192
陈晓婷	The physiological and molecular responses of <i>Arabidopsis thaliana</i> to the stress of oxalic acid	Agricultural Sciences in China.2009,8 (7): 828-834
孙淑静	Isolation of GPD Promoter from <i>Tremella fuciformis</i> and Driving Expression of EGFP Gene	DNA Cell Biol. 2009, Feb. 28 (2) :65-70
陈观水	Cloning and characterization of full length cDNA of a CC-NBS-LRR resistance gene in Sweet potato	Agricultural Sciences in China, 2009,8 (5):538-545
江寰新	Antagonistic actions of boron against inhibitory effects of aluminum toxicity on growth, CO <sub>2</sub> assimilation, ribulose-1,5-bisphosphate carboxylase/oxygenase, and photosynthetic electron transport probed by the JIP-test, of <i>Citrus grandis</i> seedlings.	BMC Plant Biology 2009, 9:102. doi:10.1186/1471-2229-9-102
江寰新	Phosphorus alleviates aluminum-induced inhibition of growth and photosynthesis in <i>Citrus grandis</i> seedlings	Physiologia Plantarum 2009, 137: 298 - 311.
蒋疆	Mass spectrometry assisted assignments of binding and cleavage sites of Zn (II) complex towards oxidized insulin B chain	Chinese Chemical Letter 2009, 20(1):71-75
孔德贤	Determination of thyreostatics in animal feeds by CE with electrochemical detector	Electrophoresis 2009, 30(19): 3489-3495
李涛	1-Cyclopropyl-6-fluoro-7-(4-nitrosopiperazin-1-yl)-4-oxo-1,4-dihydroquinoline-3-carboxylic acid	Acta Cryst. 2009. E65, o2053
李涛	Copper(I) complex of 2,2'-biqui-noline assembled by non-covalent interactions	J. Chem. Res. (S),2009, 549-551

- 我院甘纯玑教授的2项科研成果“酸溶性红曲红色素和酸溶性红曲黄色素及其制备方法”和“一种利用酶解法提取水溶性红曲色素的方法”双双获得国家发明专利。
- 我院关雄教授的科研成果“粉虱座壳孢菌产孢培养基”获得国家发明专利。

#### 2008年度

- 2008年度我院教师发表SCI论文27篇。

#### 生命科学学院2008年度发表SCI (EI, ISTP) 论文一览表

第一作者	论文名称	期刊名称/卷期/页码
林文雄 (通讯作者)	Allelopathic Enhancement and Differential Gene Expression in Rice under Low Nitrogen Treatment	Journal of Chemical Ecology, 2008, 34:688-695
林文雄 (通讯作者)	Differential proteomic analysis of leaf development at rice seedling stage.	Agricultural Sciences in China, 2008, 7(9): 1153-1160
林文雄 (通讯作者)	Analysis of Differential Expression of Proteins in Rice Leaf Sheath During Grain Filling.	Acta Agron Sin, 2008, 34(4): 619 - 626.
王宗华 (通讯作者)	Rac1 is required for pathogenicity and Chml-dependent conidiogenesis in rice fungal pathogen <i>Magnaporthe grisea</i> .	PLoS Pathog. 2008, 4(11): e1000202.
王宗华 (通讯作者)	Identification of defense-related genes in rice responding to challenge by <i>Rhizoctonia solani</i> .	Theor Appl Genet, 2008, 116(4): 501-516
王宗华 (通讯作者)	Isolation and identification of <i>Sclerotinia</i> stem rot causal pathogen in <i>Arabidopsis thaliana</i> .	Zhejiang Univ Sci B, 2008, 9(10): 818-822.

王宗华 (通讯作者)	Mab against the bacteria-expressed glutathione S-transferase protein.	Hybridoma. 2008, 27(3): 217-218
王宗华 (通讯作者)	Isolation and analysis of oxalic acid insensitive mutant of <i>Arabidopsis thaliana</i>	Chinese Journal of Biotechnology. 2008, 24(2): 203-208
吴为人 (通讯作者)	Experimental designs and statistical methods for mapping quantitative trait loci underlying triploid endosperm traits without maternal genetic variation	Journal of Heredity, 2008, 99(5): 546-551
吴为人 (通讯作者)	Development of microsatellite markers and construction of genetic map in rice blast pathogen <i>Magnaporthe grisea</i> .	Fungal Genetics & Biology, 2008, 45: 1340-1347
关雄 (通讯作者)	Optimization of nutritional requirements for mycelial growth and sporulation of entomogenous fungus <i>Aschersonia aleyrodis webber</i>	Brazilian Journal of Microbiology, 2008, 39:1-6
关雄 (通讯作者)	Isolation and Characterization of a chitinase gene from entomopathogenic fungus <i>Verticillium lecanii</i>	Brazilian Journal of Microbiology, 2008, 39:1-7
何华勤 (通讯作者)	Proteomic analysis of phosphoproteins regulated by abscisic acid in rice leaves.	Biochemical Biophysical Research Communication. 2008, 371 (4): 883-888
汪世华	Screening of a high fibrinolytic enzyme producing strain and characterization of the fibrinolytic enzyme produced from <i>Bacillus subtilis</i> LD-8547	World Journal of Microbiology and Biotechnology, 2008, 24 (4): 475-482
汪世华	Gene clone and expression of a fibrinolytic enzyme (FE) in <i>Escherichia coli</i>	Annals of Microbiology 2008, 58 (1): 95-98
汪世华	Zearalenone (ZEN) Detection by a Single Chain Fragment Variable (scFv) Antibody.	World Journal of Microbiology and Biotechnology, 2008, 24 (9): 1681-1685.
汪世华	Construction of multiform scFv antibodies using linker peptide	Journal of genetics and genomics, 2008, 35 (5): 313-316.
汪世华 (通讯作者)	Mab Against Bacteria-expressed Glutathione S-transferase Protein	Hybridoma, 2008, 27 (3): 217-218
周洁	Biochemical and molecular characterization of a putative endoglucanase in <i>Magnaporthe grisea</i>	Current Genetics, 2008, 53(4): 217-224
杨桂娣	A new interface used to couple capillary Electrophoresis with an inductively coupled plasma mass spectrometry for speciation analysis.	Electrophoresis, 2008, 29(13), 2862-2868.
黄天培	Expression and characterization of <i>aiiA</i> gene from <i>Bacillus subtilis</i> BS-1	Microbiological Research, 2008, 163: 711-716
江寰新	Aluminum-induced effects on Photosystem II photochemistry in Citrus leaves assessed by chlorophyll a fluorescence transient.	Tree Physiology, 2008, 28, 1863-1871
李涛	A linear chain polymer $\{Ag_2[S_2P(OC_2H_5)_2]_2(bix)\}_n$ with multiple emission and red luminescence.	Journal of Coordination Chemistry. 2008, 61, 1599-1605
李涛	Syntheses, Crystal Structure and Luminescent Properties of Co-ordination Networks Based on Copper(I) Iodide Clusters from 1, 4-Bis(imidazole-1-ylmethyl)benzene	Journal of Cluster Science. 2008, 19, 323-330
李涛	Reliability of $\pi$ - $\pi$ stacking interactions in crystal engineering: synthesis and structure of a hemidirected lead complex.	J. Chem. Res. (S), 2008, 578-580
李涛	Blue Photoluminescent Dimeric Cu(I) Dithiophosphates Bridged by a Flexible Ligand 1, 2-Bis(4-Pyridyl)Ethane,	Journal of Cluster Science. 2008, 19, 651-658.
吴丹	Hydrothermal synthesis and crystal structure of a novel two-dimensional molybdenum(V) phosphate with manganese coordination cations	Comptes Rendus Chimie 11(2008) 152-158

- 我院关雄教授为第一完成人的科研成果“杀虫防病微生物农药新资源及产业化新技术新工艺研究”获2008年度福建省科技进步奖一等奖。
- 我院林文雄教授为第一完成人的科研成果“无公害优质稻米高产高效关键技术研究与应用”获2008年度福建省科技进步奖二等奖。
- 我院陈伟教授为第一完成人的科研成果“龙眼、荔枝生殖生理及分子机制研究”获2008年度福建省科技进步奖三等奖。

#### 2007年度

- 2007年度我院教师发表SCI (EI, ISTP) 论文13篇。

第一作者	论文名称	发表期刊/卷期/页码
林文雄 (通讯作者)	Evaluation of the quality of lotus seed of <i>Nelumbo nucifera</i> Gaertn from outer space mutation	Food Chemistry. 2007, 105(2): 540-547
林文雄 (通讯作者)	Analysis of epistatic effect and <i>QTL</i> interactions with environment for allelopathy in rice ( <i>Oryza sativa</i> L.)	Allelopathy Journal. 2007, 20(2):259-268
林文雄 (通讯作者)	Effects of Phosphorus levels on allelopathic potential of rice co-cultured with barnyardgrass	Allelopathy Journal. 2007, 19(2):393-402
王宗华 (通讯作者)	A Rho3 homolog is essential for appressorium development and pathogenicity of <i>Magnaporthe grisea</i>	Eukaryot Cell. 2007, 6 (12) : 2240-2250
关雄 (通讯作者)	Expression and characterization of <i>inhA</i> gene from <i>Bacillus thuringiensis</i> 8010.	World Journal of Microbiology and Biotechnology, 2007. 23: 1621-1625
关雄 (通讯作者)	Toxicity and feeding deterrence of crude toxin extracts of <i>Lecanicullium</i> ( <i>Verticullium</i> ) <i>lecanii</i> ( <i>Hyphomycetes</i> ) against sweet potato whitefly, <i>Bemisia tabaci</i> ( <i>Homoptera: Aleyrodidae</i> )	PestManagement Science, 2007, 63:381-387
关雄 (通讯作者)	A novel <i>Bacillus thuringiensis</i> strain LLB6 isolated from Bryophyte and its new <i>cry2Ac</i> -type gene	Lett. Appl. Microbiol. 2007. 44: 301-307
吴为人 (通讯作者)	Interval mapping of quantitative trait loci underlying triploid endosperm traits using F3 seeds	Journal of Genetics and Genomics. 2007, 34 (5): 429-436
吴为人 (通讯作者)	Genome-scale identification and analysis of <i>LEA</i> genes in rice ( <i>Oryza sativa</i> L.)	Plant science. 2007, 172(2): 414-420
吴为人 (通讯作者)	a database of potential intron polymorphism markers.	Bioinformatics, 2007, 23: 2174-2177
汪世华	Detection of Deoxynivalenol (DON) Based on a Single Chain Fragment Variable (scFv) of the Anti-DON Antibody	FEMS Microbiology Letters. 2007, 272(2): 214-219
汪世华	Screening of a high fibrinolytic enzyme producing strain and characterization of the fibrinolytic enzyme produced from <i>Bacillus subtilis</i> LD-8547	World Journal of Microbiology and Biotechnology. 2007, 7, epub
陈观水	Diversity and evolutionary relationship of nucleotide binding site-encoding disease-resistance gene analogues in sweet potato ( <i>Ipomoea batatas</i> Lam)	Journal of Biosciences. 2007, 32 (4) : 705-712

- 我院林文雄教授作为第一完成人之科研成果“水稻化感作用的分子生态学研究”获2007年度福建省科技进步奖二等奖。
- 我院谢宝贵教授作为第一完成人之科研成果“银耳绿色食品标准研究及示范基地建设”获2007年度福建省科技进步奖二等奖。
- 我院林文雄教授作为第二完成人之科研成果“福建地道药材莲子GAP关键技术研究”获2007年度福建省科技进步奖二等奖。
- 我院祁建民教授红麻新品种“福红992”、“福红9913”获农业部审定为国家麻类新品种。

#### 2006年度

- 2006年度我院教师发表SCI论文13篇。

#### 生命科学学院2006年度发表SCI论文一览表

第一作者	论文名称	发表期刊/卷期/页码
关雄 (通讯作者)	Inhibition of the activity of mushroom tyrosinase by alkylbenzoic acids	Food Chemistry. 2006, 94(1): 1-6
关雄 (通讯作者)	Inhibitory effects of fluorobenzaldehydes on the activity of mushroom tyrosinase	Journal of Enzyme Inhibition and Medicinal Chemistry. 2006, 21(4): 413-418
吴为人 (通讯作者)	Strategy for the mapping of interactive genes using bulked segregant analysis method and Mapmaker/Exp software.	Chinese Science Bulletin, 2006, 51(21): 2619-2623
吴为人 (通讯作者)	Methods for mapping QTLs underlying endosperm traits based on random hybridization design.	Chinese Science Bulletin, 2006, 51(16): 1976-1981

汪世华	Construction of single chain variable fragment (scFv) and bisCfv-alkaline phosphatase fusion protein for detection of Bacillus anthracis	Analytical Chemistry. 2006, 78 (4): 997-1004
李清禄 (通讯作者)	Relationship between Coordination Structure and Biological Activity of Copper(II) Nicotinate	Chinese J. Struct. Chem. 2006, 25 (9) : 1141-147
何海斌	Analysis of metabolites in root exudates from allelopathic and non allelopathic rice seedlings.	Allelopathy Journal. 2006, 18(2): 247-254
黄志鹏	A new member of the growth-promoting glycoproteins from diaprepes root weevil (Coeoptera: Curculionidae)	FloridaEntomologist. 2006, 89(2): 223-232
马洪丽	Fine mopping and in silico isolation of the EUI gene controlling upper internode elongation in rice	Plant Mol Biol. 2006 60(1):87-94.
李涛	A 3D Interpenetrating Coordination Polymer Based on A T-shaped Linker of $[\text{Cu}_3\text{Br}_6]^{3-}$	InorganicChemistry Communication. 2006, 9, 1263-1266
李涛	Syntheses, crystal structures and luminescence properties of cadmium(II) 0,0'-dialkyl- dithiophosphates with nitrogen donors	Journal of Coordination Chemistry. 2006, 59 (8):945-952
李涛	catena-Poly[[[bromocopper(I)]-1-1,4-bis(imidazol-1-ylmethyl) benzene- 1: 1' $\kappa^2\text{N}^3, \text{N}^3$ ' ; 2:2' $\kappa^2\text{N}^3, \text{N}^3$ ' monohydrate]	Acta Cryst. E62(2006). m1812 - m1813
李涛	catena-Poly[[dichlorocadmium(II)] bis[ $\mu$ -1,3-bis(imidazol-1-ylmethyl) benzene- $\kappa^2\text{N}^3:\kappa^2\text{N}^3$ ' ]]	Acta Cryst. E62(2006). m1933 - m1935

- 我院关雄教授作为第五完成人之科研成果“微生物农药发酵新技术新工艺及重要产品规模应用”获2006年度国家科技技术奖二等奖。
- 我院胡开辉教授作为第二完成人之科研成果“豆制品深加工——真空、酶催化法生产豆腐乳新技术研究”获2006年度福建省科技技术奖二等奖。
- 我院祁建民教授红麻新品种“福红3”、“福红951”、“福红952”获农业部审定为国家麻类新品种。