

我校 2005 年 1-6 月 SCI 收录论文公布

近年来我校教师 SCI 收录论文数量逐年增加。为便于广大教师及时了解我校 SCI 论文收录情况，科技处决定从今年开始定期公布我校 SCI 收录论文情况。

2005 年 1 月 1 日至 6 月 30 日，SCI 共收录我校 7 个院系的教师论文 61 篇，其中，王石平教授(通讯作者)的论文“Features of the expressed sequences revealed by a large-scale analysis of ESTs from a normalized cDNA library of the elite indica rice cultivar Minghui 63”影响因子最高，达 6.376，论文影响因子超过 3.0 的通讯作者有王石平、金梅林、赵书红、熊远著、刘榜和杨在清。7 个院系中，生命科学技术学院 SCI 收录论文的篇数与影响因子均居全校之首，分别为 19 篇和 38.679。其次为动物科学技术学院、动物医学院和植物科学技术学院，SCI 收录论文数超过 10 篇，论文平均影响因子超过 1.5。

2005 年 1-6 月华中农业大学教师 SCI 收录论文见表 1，2005 年 1-6 月华中农业大学各院系 SCI 收录论文见表 2。

表 1 2005 年 1-6 月华中农业大学教师 SCI 收录论文一览表 (按影响因子高低排序)

序号	单位	第一作者	通讯作者	论文题目	期刊名称	影响因子
1	生命科学技术学院	张建伟	王石平	Features of the expressed sequences revealed by a large-scale analysis of ESTs from a normalized cDNA library of the elite indica rice cultivar Minghui 63	PLANT JOURNAL, 42 (5): 772-780 JUN 2005	6.367

2	动物科学技术学院 动物医学院	徐晓娟	金梅林	Latex agglutination test for monitoring antibodies to avian influenza virus subtype H5N1	JOURNAL OF CLINICAL MICROBIOLOGY, 43 (4): 1953-1955 APR 2005	3.439
3	动物科学技术学院 动物医学院	朱正茂	赵书红	Cloning, mapping and association study with carcass traits of the porcine SDHD gene	ANIMAL GENETICS, 36 (3): 191-195 JUN 2005	3.108
4	动物科学技术学院 动物医学院	左波	熊远著	Polymorphism, linkage mapping and expression pattern of the porcine skeletal muscle glycogen synthase (GYS1) gene	ANIMAL GENETICS, 36 (3): 254-257 JUN 2005	3.108
5	动物科学技术学院 动物医学院	林丽	刘榜	Isolation, polymorphism studies and radiation hybrid mapping of the porcine homologue of human membrane-associated protein (CT120) gene	ANIMAL GENETICS, 36 (1): 73-74 FEB 2005	3.108
6	生命科学技术学院	邱欢	杨在清	Characterization of pig INSIG1 and assignment to SSC18	ANIMAL GENETICS, 36 (3): 284-286 JUN 2005	3.108
7	生命科学技术学院	邱欢	杨在清	Sequencing and chromosome mapping of pig INSIG 2 and a related pseudogene	ANIMAL GENETICS, 36 (2): 188-189 APR 2005	3.108
8	生命科学技术学院	范楚川	邢永忠	The main effects, epistatic effects and environmental interactions of QTLs on the cooking and eating quality of rice in a doubled-haploid line population	THEORETICAL AND APPLIED GENETICS, 110 (8): 1445-1452 MAY 2005	2.981
9	生命科学技术学院	宋翔	张启发	Genetic dissection of embryo sac fertility, pollen fertility, and their contributions to spikelet fertility of intersubspecific hybrids in rice	THEORETICAL AND APPLIED GENETICS, 110 (2): 205-211 JAN 2005	2.981
10	植物科学技术学院	钱伟	孟金陵	Intersubgenomic heterosis in seed yield potential observed in a new type of Brassica napus introgressed with partial Brassica rapa genome	THEORETICAL AND APPLIED GENETICS, 110 (7): 1187-1194 MAY 2005	2.981

11	植物科学技术学院	栗茂腾	孟金陵	Reproduction and cytogenetic characterization of interspecific hybrids derived from crosses between <i>Brassica carinata</i> and B-rapa	THEORETICAL AND APPLIED GENETICS, 110 (7): 1284-1289 MAY 2005	2.981
12	植物科学技术学院	刘志文	傅廷栋	Inheritance of seed colour and identification of RAPD and AFLP markers linked to the seed colour gene in rapeseed (<i>Brassica napus</i> L.)	THEORETICAL AND APPLIED GENETICS, 110 (2): 303-310 JAN 2005	2.981
13	生命科学技术学院	阮丽芳	喻子牛	Cloning and expression of mel gene from <i>Bacillus thuringiensis</i> in <i>Escherichia coli</i>	ANTONIE VAN LEEUWENHOEK INTERNATIONAL JOURNAL OF GENERAL AND MOLECULAR MICROBIOLOGY, 87 (4): 283-288 MAY 2005	2.915
14	生命科学技术学院	黄巧云	陈雯莉	Adsorption of copper and cadmium by Cu- and Cd-resistant bacteria and their composites with soil colloids and kaolinite	GEOMICROBIOLOGY JOURNAL, 22 (5): 227-236 JUL-AUG 2005	2.58
15	生命科学技术学院	杨江科	周俊初	Polyphasic characteristics of bradyrhizobia isolated from nodules of peanut (<i>Arachis hypogaea</i>) in China	SOIL BIOLOGY & BIOCHEMISTRY, 37 (1): 141-153 JAN 2005	2.234
16	生命科学技术学院	田瑞	何予卿	Mapping quantitative trait loci underlying the cooking and eating quality of rice using a DH population	MOLECULAR BREEDING, 15 (2): 117-124 FEB 2005	2.209
17	生命科学技术学院	杨文鹏	郑用琏	Molecular genetic mapping of a high-lysine mutant gene (opaque-16) and the double recessive effect with opaque-2 in maize	MOLECULAR BREEDING, 15 (3): 257-269 APR 2005	2.209
18	动物科学技术学院 动物医学院	贝为成	陈焕春	Construction and characterization of a live, attenuated <i>apxIIICA</i> inactivation mutant of <i>Actinobacillus pleuropneumoniae</i> lacking a drug resistance marker	FEMS MICROBIOLOGY LETTERS, 243 (1): 21-27 FEB 1 2005	1.84

19	植物科学技术学院	李模孝	姜道宏	Transformation of <i>Coniothyrium mini tans</i> , a parasite of <i>Sclerotinia sclerotiorum</i> , with <i>Agrobacterium tumefaciens</i>	FEMS MICROBIOLOGY LETTERS, 243 (2): 323-329 FEB 15 2005	1.84
20	植物科学技术学院	李和平	廖玉才	Development of a generic PCR detection of deoxynivalenol- and nivalenol-chemotypes of <i>Fusarium graminearum</i>	FEMS MICROBIOLOGY LETTERS, 243 (2): 505-511 FEB 15 2005	1.84
21	食品科学技术学院	阮征	吴谋成	Characterization and immunomodulating activities of polysaccharide from <i>Lentinus edodes</i>	INTERNATIONAL IMMUNOPHARMACOLOGY, 5 (5): 811-820 MAY 2005	1.827
22	资源与环境学院	谭文峰	刘凡	Adsorption and redox reactions of heavy metals on Fe-Mn nodules from Chinese soils	JOURNAL OF COLLOID AND INTERFACE SCIENCE, 284 (2): 600-605 APR 15 2005	1.784
23	食品科学技术学院	张迎庆	谢笔钧	Advance in the applications of konjac glucomannan and its derivatives	CARBOHYDRATE POLYMERS, 60 (1): 27-31 APR 7 2005	1.71
24	资源与环境学院	胡红青	胡红青	Influence of phenolic acids on phosphorus mobilisation in acidic and calcareous soils	PLANT AND SOIL, 268 (1): 173-180 JAN 2005	1.542
25	生命科学技术学院	林晓燕	喻子牛	Microcalorimetric study of <i>Bacillus thuringiensis</i> growth with different plasmid numbers and various promoters	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 79 (3): 649-652 FEB 2005	1.478
26	生命科学技术学院	林晓燕	喻子牛	Microcalorimetric investigation of the growth of the engineering <i>Bacillus thuringiensis</i> with different plasmid numbers and various promoters	JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, 79 (1): 29-32 2005	1.478
27	生命科学技术学院	林拥军	张启发	Optimising the tissue culture conditions for high efficiency transformation of indica rice	PLANT CELL REPORTS, 23 (8): 540-547 JAN 2005	1.457
28	园艺林学学院	郭文武	郭文武	Somatic hybrid vigor in Citrus: Direct evidence from protoplast fusion of an embryogenic callus line with	PLANT SCIENCE, 168 (6): 1541-1545 JUN 2005	1.389

				a transgenic mesophyll parent expressing the GFP gene		
29	动物科学技术学院 动物医学院	齐德生	齐德生	Adsorption of aflatoxin B-1 on montmorillonite	POULTRY SCIENCE, 84 (6): 959-961 JUN 2005	1.307
30	动物科学技术学院 动物医学院	黄玲利	袁宗辉	Development of liquid chromatographic methods for determination of quinoxaline and its main metabolites in edible tissues of swine and chicken	JOURNAL OF AOAC INTERNATIONAL, 88 (2): 472-478 MAR-APR 2005	1.147
31	园艺林学学院	郝玉金	郝玉金	Stable maintenance and expression of a foreign gene in transgenic pear shoots retrieved from in vitro conservation	JOURNAL OF PLANT PHYSIOLOGY, 162 (2): 237-243 FEB 2005	1.054
32	植物科学技术学院	金双霞	张献龙	Factors affecting transformation efficiency of embryogenic callus of Upland cotton (<i>Gossypium hirsutum</i>) with <i>Agrobacterium tumefaciens</i>	PLANT CELL TISSUE AND ORGAN CULTURE, 81 (2): 229-237 MAY 2005	1.028
33	理学院	尹业平	尹业平	Starch crosslinked with poly(vinyl alcohol) by boric acid	JOURNAL OF APPLIED POLYMER SCIENCE, 96 (4): 1394-1397 MAY 15 2005	1.021
34	生命科学技术学院	葛小佳	何予卿	QTL analysis of cooked rice grain elongation, volume expansion, and water absorption using a recombinant inbred population	PLANT BREEDING, 124 (2): 121-126 APR 2005	0.941
35	植物科学技术学院	沈金雄	傅廷栋	Genetic analysis of rapeseed self-incompatibility lines reveals significant heterosis of different patterns for yield and oil content traits	PLANT BREEDING, 124 (2): 111-116 APR 2005	0.941
36	植物科学技术学院	吴家和	张献龙	High-efficiency transformation of <i>Gossypium hirsutum</i> embryogenic calli mediated by <i>Agrobacterium tumefaciens</i> and regeneration of insect-resistant plants	PLANT BREEDING, 124 (2): 142-146 APR 2005	0.941

37	植物科学技术学院	林忠旭	张献龙	Linkage map construction and mapping QTL for cotton fibre quality using SRAP, SSR and RAPD	PLANT BREEDING, 124 (2): 180-187 APR 2005	0.941
38	植物科学技术学院	刘雪平	刘雪平	Identification and inheritance of a partially dominant gene for yellow seed colour in Brassica napus	PLANT BREEDING, 124 (1): 9-12 FEB 2005	0.941
39	生命科学技术学院	杨文鹏	郑用珺	Recessive allelic variations of three microsatellite sites within the O2 gene in maize	PLANT MOLECULAR BIOLOGY REPORTER, 22 (4): 361-374 DEC 2004	0.785
40	食品科学技术学院	倪德江	谢笔钧	Spectrum, morphological and thermal characteristics of OTPS 2-1 in polysaccharides from oolong tea	CHEMICAL JOURNAL OF CHINESE UNIVERSITIES-CHINESE, 25 (12): 2263-2268 DEC 10 2004	0.764
41	食品科学技术学院	王 斌	王 斌	Structure of nitric oxide synthase and its catalytic mechanism	CHINESE JOURNAL OF ORGANIC CHEMISTRY, 25 (3): 342-345 MAR 2005	0.74
42	生命科学技术学院	陈明舟	周俊初	Study on genetic diversity and phylogeny of soybean rhizobia in China	SYMBIOSIS, 38 (2): 123-144 2005	0.682
43	理学院	黄 静	石 峰	Support vector machines for predicting apoptosis proteins types	ACTA BIOTHEORETICA, 53 (1): 39-47 2005	0.676
44	动物科学技术学院 动物医学院	姜勋平	姜勋平	Investigation of gene and microsatellite heterozygosities correlated to growth rate in the Chinese Meishan pig	ASIAN-AUSTRALASIAN JOURNAL OF ANIMAL SCIENCES, 18 (7): 927-932 JUL 2005	0.627
45	动物科学技术学院 动物医学院	徐日福	刘 榜	Investigation of PCR-RFLPs within major histocompatibility complex B-G genes using two	ASIAN-AUSTRALASIAN JOURNAL OF ANIMAL	0.627

				restriction enzymes in eight breeds of Chinese indigenous chickens	SCIENCES, 18 (7): 942-948 JUL 2005	
46	动物科学技术学院 动物医学院	张敬虎	熊远著	Correlations of genic heterozygosity and variances with heterosis in a pig population revealed by microsatellite DNA marker	ASIAN-AUSTRALASIAN JOURNAL OF ANIMAL SCIENCES, 18 (5): 620-625 MAY 2005	0.627
47	动物科学技术学院 动物医学院	任竹青	熊远著	Age-dependent changes of differential gene expression profile in backfat tissue between hybrids and parents in pigs	ASIAN-AUSTRALASIAN JOURNAL OF ANIMAL SCIENCES, 18 (5): 682-685 MAY 2005	0.627
48	动物科学技术学院 动物医学院	陈喜斌	陈喜斌	Effects of processing methods and variety of rapeseed meal on ruminal and post ruminal amino acids digestibility	ASIAN-AUSTRALASIAN JOURNAL OF ANIMAL SCIENCES, 18 (6): 802-806 JUN 2005	0.627
49	动物科学技术学院 动物医学院	张振波	邓昌彦	Association between PCR-RFLP polymorphism of the fifth intron in lipoprotein lipase gene and productive traits in pig resource family	ASIAN-AUSTRALASIAN JOURNAL OF ANIMAL SCIENCES, 18 (4): 458-462 APR 2005	0.627
50	生命科学技术学院	张祖新	郑用琏	Construction and characterization of normalized cDNA library of maize inbred M017 from multiple tissues and developmental stages	MOLECULAR BIOLOGY, 39 (2): 177-184 MAR-APR 2005	0.623
51	园艺林学学院	徐小勇	刘继红	FCM, SSR and CAPS analysis of intergeneric somatic hybrid plants between Changshou kumquat and Dancy tangerine	BOTANICAL BULLETIN OF ACADEMIA SINICA, 46 (2): 93-98 APR 2005	0.595

52	园艺林学学院	文晓鹏	邓秀新	Micropropagation of chestnut rose (<i>Rosa roxburghii</i> Tratt) and assessment of genetic stability in in vitro plants using RAPD and AFLP markers	JOURNAL OF HORTICULTURAL SCIENCE & BIOTECHNOLOGY, 80 (1): 54-60 JAN 2005	0.562
53	资源与环境学院	黄巧云	黄巧云	Immobilization and species of heavy metals in soils in the absence and presence of Rhizobia	SOIL SCIENCE AND PLANT NUTRITION, 50 (6): 935-939 DEC 2004	0.536
54	生命科学技术学院	肖炎农	郑用琏	Identification of quantitative trait loci (QTLs) for flowering time using SSR marker in maize under water stress	KOREAN JOURNAL OF GENETICS, 26 (4): 405-413 DEC 2004	0.383
55	动物科学技术学院 动物医学院	刘永刚	熊远著	Isolation, sequence analysis and expression profile of a novel swine gene differentially expressed in the Longissimus dorsi muscle tissues from Landrace x Large white cross-combination	ACTA BIOCHIMICA ET BIOPHYSICA SINICA, 37 (3): 186-191 MAR 2005	0.36
56	生命科学技术学院	张祖新	郑用琏	cDNA microarray analysis of early response to submerging stress in <i>Zea mays</i> roots	RUSSIAN JOURNAL OF PLANT PHYSIOLOGY, 52 (1): 43-49 JAN-FEB 2005	0.16
57	理学院	徐艳玲	徐艳玲	Symptotic stability of rarefaction wave for generalized Burgers equation	ACTA MATHEMATICA SCIENTIA, 25 (1): 119-129 JAN 2005	0.132
58	食品科学技术学院	王小红	谢笔钧	Effect of nisin on the growth of <i>Staphylococcus aureus</i> determined by a microcalorimetric method	MOLECULAR NUTRITION & FOOD RESEARCH, 49 (4): 350-354 APR 2005	无
59	园艺林学学院	周媛	王彩云	Programmed cell death in relation to petal senescence in ornamental plants	JOURNAL OF INTEGRATIVE PLANT BIOLOGY, 47 (6): 641-650 JUN 2005	无

60	资源与环境学院	蔡 鹏	黄巧云	Binding and transformation of extracellular DNA in soil	PEDOSPHERE, 15 (1): 16-23 FEB 2005	无
61	资源与环境学院	李朝霞	李朝霞	Aggregate stability and its relationship with some chemical properties of red soils in subtropical China	PEDOSPHERE, 15 (1): 129-136 FEB 2005	无

备注：公布数据由中国科学院武汉科技查新咨询检索中心提供。以上公布若有不妥之处，请与科技处办公室联系。

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表 2 2005 年 1-6 月华中农业大学各院系 SCI 收录论文一览表

序号	院 系	篇数	影响因子合计	最高影响因子	平均影响因子
1	生命科学技术学院	19	38.679	6.367	2.036
2	动物科学技术学院 动物医学院	14	21.179	3.439	1.513
3	植物科学技术学院	10	17.415	2.981	1.742
4	食品科学技术学院	5	5.041	1.827	1.008
5	资源与环境学院	5	3.862	1.784	0.772
6	园艺林学学院	5	3.6	1.389	0.72
7	理 学 院	3	1.829	1.021	0.610
合 计		61	91.605	6.367	1.502

科 技 处

2005 年 7 月