附件：

**第六届江苏省自然科学学术活动月优秀学术论文名单**

一、一等奖论文

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| 序号 | 题    目 | 第一作者 |
| 1 | 我国典型水稻土中硝化微生物类群、活性和相对贡献 | 王保战 |
| 2 | 大型深水湖泊溶氧分层对热力分层及长期气候变化的响应机制研究 | 张运林 |
|  3 | Post-transcriptional Regulation of Nkx2-5 by RHAU in   Heart  Development | 杨中州 |
| 4 | 草酰胺化合物自组装过程及其在生物可降解PHAs中的成核效率 | 马丕明 |
| 5 | Gai/3调控巨噬细胞表型转化的机制研究 | 李娴静 |
| 6 | 基于图像的模拟多相混凝土损伤演化的自适应多尺度方法 | 孙  宾 |
| 7 | 高速芯片量热仪比较线形和环形聚己内酯结晶速率 | 胡文兵 |
| 8 | Lamellar K2Co3(P2O7)2 . 2H2O nanocrystal   whiskers:High-performance flexible all-solid-state asymmetric   micro-supercapacitors via inkjet printing | 庞  欢 |
| 9 | 基于焦载体金属催化剂的微波热解稻壳制备高品质合成气 | 张书平 |
| 10 | Biochar pyrolytically produced from municipal solid   wastes for aqueous  As(V) removal:   Adsorption property and its improvement with KOH activation | 靳红梅 |

二、二等奖论文

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| 序号 | 题    目 | 第一作者 |
| 1 | Regulation of DLK1 by the maternally expressed   miR-379/miR-544 cluster may underlie callipyge polar over dominance   inheritance | 高云倩 |
| 2 | Synthesis, Structures of Benzoxazolyl Iridium(III)   Complexes and Applications on C-C, C-N Bond Formation Reactions under   Solvent-Free Conditions: Catalytic Activity Enhanced by Non-coordinating   Anion without Silver Effect | 王大伟 |
| 3 | 板类结构损伤动力表征的新理论：多尺度振动模态及奇异性 | 曹茂森 |
| 4 | 内生真菌枫香拟茎点霉生物降解污染物阿魏酸的研究 | 谢星光 |
| 5 | 秸梗皂苷D通过pi3k/akt/mTOR和MAPK信号途径诱导非小细胞肺癌细胞发生自噬 | 赵若琳 |
| 6 | Improved Field Emission Properties of Multidimensional   Graphene-Nanotube Emitters Decorated With Au Nanoparticles | 徐  季 |
| 7 | PP2Acα Positively Regulates Mice Liver Regeneration   Termination through AKT/GSK3β/Cyclin D1 Pathway | 来珊珊 |
| 8 | 富营养化湖泊蓝藻藻蓝色素浓度的一种新的MERIS算法：理论基础与实践的思考 | 齐  琳 |
| 9 | Surface Acceptor-like Trap Model for Gate Leakage   Current Degradation in Lattice-matched InAlN/GaN HEMTs | 闫大为 |
| 10 | Flexible quantum dot light emitting diodes based on ZnO   nanoparticles | 潘江涌 |
| 11 | 基于L1优化的随机配置方法在贝叶斯反问题中的应用 | 闫  亮 |
| 12 | 经济发达地区乡村聚落用地模式演变--以无锡市惠山区为例 | 陈  诚 |
| 13 | 基于目标分解的高维多目标并行进化优化方法 | 巩敦卫 |
| 14 | 基于雷达及 AIS的水上设施自动警戒与保护 | 冯爱国 |
| 15 | 肠道菌群调控胰腺β-细胞产生抗菌肽发挥抗1型糖尿病作用 | 孙  嘉 |
| 16 | HIV-1通过上调miRNA-891a-5p靶向lkBɑ激活NF-kB信号通路协同KSHVK1诱导血管生成 | 姚水洪 |
| 17 | Sigma-1别构调剂济抗癫痫效应的研究 | 郭  琳 |
| 18 | Rice stripe virus affects the viability of its vector   offspring by changing developmental gene expression in embryos | 李  硕 |
| 19 | 组氨酸家族蛋白HtpsC作为粘附素参与猪链球菌感染作用机制的研究 | 过雨晴 |
| 20 | 四氯花碳在包气带迁移机理及动态降解 | 梁  峙 |

三、三等奖论文

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| 序号 | 题    目 | 第一作者 |
| 1 | Circular dichroism and infrared spectroscopic   characterization of  secondary sructure   components of protien Z during mashing and    boiling processees | 韩宇鹏 |
| 2 | 船用湿式多片式离合器改进后接合特性分析 | 朱永祥 |
| 3 | Analysis of Heterosis and Quantitative Trait Loci for   Kernel Shape Related Traits Using Triple Testcross Population in Maize | 蒋  璐 |
| 4 | 2011 年江苏南部两场大暴雨对比分析 | 王啸华 |
| 5 | 基于位置信息的大数据挖掘及应用方案研究 | 邢学锋 |
| 6 | 桥梁主通航孔施工期通航方案及保障措施研究 | 赵仓龙 |
| 7 | A new closed frequent itemsets mining algorithm  based on GPU | 李  云 |
| 8 | 城市智能公交车辆定位系统的设计 | 何  赛 |
| 9 | 面向收益最大化的云资源自适应调度 | 刘林源 |
| 10 | Construction of a high‑density DArTseq SNP‑based   genetic map and identification of genomic regions with segregation distortion   in a genetic population derived from a cross between feral and cultivated‑type   watermelon | 任润生 |
| 11 | CORS站用户频数与当地CDP的相关统计分析 | 安艳辉 |
| 12 | Effect of yeast physiological indexes on proteinase A   secretion detected by  resonance light   scattering technique | 刘春凤 |
| 13 | Transcriptome sequencing and analysis of major genes   involved in calcium signaling pathways in pear plants (Pyrus calleryana   Decne.) | 许园园 |
| 14 | Characterization of the watermelon seedling infection   process by Fusarium oxysporum f.sp. niveum | 张  曼 |
| 15 | Transcription of potassium transporter genes of   KT/HAK/KUP family in peach seedlings and responses to abiotic stresses | 宋志忠 |
| 16 | 镓（III)催化吲哚衍生物与丙炔酸酯的加成反应 | 朱  驯 |
| 17 | Surface heparin treatment of the decellularized porcine   heart valve:Effect on tissue calcification | 杨  岷 |
| 28 | Genome-wide identification of pear HD-Zip gene family   and expression patterns under stress induced by drought, salinity, and   pathogen | 王  宏 |
| 19 | 即时性图像法膳食调查技术应用于学龄前儿童膳食调查的效果评价 | 宋成琳 |
| 20 | “互联网+”商业模式的精髓 | 钱志新 |