### 资源与环境学院2017年7-8月SCI收录论文一览表

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| **序号** | **实验室** | **第一作者** | **通讯作者** | **论文题目** | **来源** | **ISSN** | **2016影响因子** | **文献类型** |
| 1 | 作物遗传改良国家重点实验室; 微量元素研究中心 | 张泉 | 徐芳森 | The boron transporter BnaC4.BOR1;1c is critical for inflorescence development and fertility under boron limitation in Brassica napus | PLANT CELL AND ENVIRONMENT 卷: 40 期: 9 页: 1819-1833 DOI: 10.1111/pce.12987 出版年: SEP 2017 | 0140-7791 | 6.173 | Article |
| 2 | 农业部长江中下游耕地保育重点实验室 | 梁新然 | 冯雄汉 | Self-assembly of birnessite nanoflowers by staged three-dimensional oriented attachment | ENVIRONMENTAL SCIENCE-NANO 卷: 4 期: 8 页: 1656-1669 DOI: 10.1039/c6en00619a 出版年: AUG 1 2017 | 2051-8153 | 6.047 | Article |
| 3 | 农业微生物学国家重点实验室 | 林迪 | 蔡鹏 | Role of pH and ionic strength in the aggregation of TiO2 nanoparticles in the presence of extracellular polymeric substances from Bacillus subtilis | ENVIRONMENTAL POLLUTION 卷: 228 页: 35-42 DOI: 10.1016/j.envpol.2017.05.025 出版年: SEP 2017 | 0269-7491 | 5.099 | Article |
| 4 |  | 谭中欣 | 谭中欣 | Mechanistic study of the influence of pyrolysis conditions on potassium speciation in biochar "preparation-application" process | SCIENCE OF THE TOTAL ENVIRONMENT 卷: 599 页: 207-216 DOI: 10.1016/j.scitotenv2017.04.235 出版年: DEC 1 2017 | 0048-9697 | 4.9 | Article |
| 5 | 农业部长江中下游耕地保育重点实验室 | 兰帅 | 冯雄汉 | Mechanisms of Mn(II) catalytic oxidation on ferrihydrite surfaces and the formation of manganese (oxyhydr)oxides | GEOCHIMICA ET COSMOCHIMICA ACTA 卷: 211 页: 79-96 DOI: 10.1016/j.gca.2017.04.044 出版年: AUG 15 2017 | 0016-7037 | 4.609 | Article |
| 6 | 作物遗传改良国家重点实验室; 农业部长江中下游耕地保育重点实验室; 微量元素研究中心 | 袁丹 | 石磊 | Genome-Wide Identification and Characterization of the Aquaporin Gene Family and Transcriptional Responses to Boron Deficiency in Brassica napus | FRONTIERS IN PLANT SCIENCE 卷: 8 文献号: 1336 DOI: 10.3389/fpls.2017.01336 出版年: AUG 2 2017 | 1664-462X | 4.298 | Article |
| 7 | 微量元素研究中心; 新型肥料湖北省工程实验室 | 李鸣凤 | 刘新伟 | Effect of boron deficiency on anatomical structure and chemical composition of petioles and photosynthesis of leaves in cotton (Gossypium hirsutum L.) | SCIENTIFIC REPORTS 卷: 7 文献号: 4420 DOI: 10.1038/s41598-017-04655-z 出版年: JUN 30 2017 | 2045-2322 | 4.259 | Article |
| 8 | 农业部长江中下游耕地保育重点实验室 | 张智 | 1.张智 ; 2.丛日环 | Evaluating agroclimatic constraints and yield gaps for winter oilseed rape (Brassica napus L.) - A case study | SCIENTIFIC REPORTS 卷: 7 文献号: 7852 DOI: 10.1038/s41598-017-08164-x 出版年: AUG 10 2017 | 2045-2322 | 4.259 | Article |
| 9 | 农业部长江中下游耕地保育重点实验室 | 陈红凤 | 谭文峰 | Mechanisms of soil humic acid adsorption onto montmorillonite and kaolinite | JOURNAL OF COLLOID AND INTERFACE SCIENCE 卷: 504 页: 457-467 DOI: 10.1016/j.jcis.2017.05.078 出版年: OCT 15 2017 | 0021-9797 | 4.233 | Article |
| 10 |  | 秦利鸿 | 王荔军 | Halide-Dependent Dissolution of Dicalcium Phosphate Dihydrate and Its Modulation by an Organic Ligand | CRYSTAL GROWTH & DESIGN 卷: 17 期: 7 页: 3868-3876 DOI: 10.1021/acs.cgd.7b00488 出版年: JUL 2017 | 1528-7483 | 4.055 | Article |
| 11 | 农业部长江中下游耕地保育重点实验室 | 齐永波 | 朱俊 | Sorption of Cu by humic acid from the decomposition of rice straw in the absence and presence of clay minerals | JOURNAL OF ENVIRONMENTAL MANAGEMENT 卷: 200 页: 304-311 DOI: 10.1016/j.jenvman.2017.05.087 出版年: SEP 15 2017 | 0301-4797 | 4.01 | Article |
| 12 | 农业部长江中下游耕地保育重点实验室 | 万彪 | 冯雄汉 | Quantitative and spectroscopic investigations of the co-sorption of myo-inositol hexakisphosphate and cadmium(II) on to haematite | EUROPEAN JOURNAL OF SOIL SCIENCE 卷: 68 期: 3 页: 374-383 DOI: 10.1111/ejss.12424 出版年: MAY 2017 | 1351-0754 | 3.475 | Article |
| 13 | 农业微生物学国家重点实验室; 农业部长江中下游耕地保育重点实验室 | 杜辉辉 | 黄巧云 | Copper adsorption on composites of goethite, cells of Pseudomonas putida and humic acid | EUROPEAN JOURNAL OF SOIL SCIENCE 卷: 68 期: 4 页: 514-523 DOI: 10.1111/ejss.12430 出版年: JUL 2017 | 1351-0754 | 3.475 | Article |
| 14 | 农业部长江中下游耕地保育重点实验室;水土保持研究中心 | 王军光 | 蔡崇法 | The abrasion of soil aggregate under different artificial rough beds in overland flow | CATENA 卷: 155 页: 183-190 DOI: 10.1016/j.catena.2017.03.016 出版年: AUG 2017 | 0341-8162 | 3.191 | Article |
| 15 | 农业部长江中下游耕地保育重点实验室;水土保持研究中心 | 吴新亮 | 1.王军光; 2.蔡崇法 | Effects of soil physicochemical properties on aggregate stability along a weathering gradient | CATENA 卷: 156 页: 205-215 DOI: 10.1016/j.catena.2017.04.017 出版年: SEP 2017 | 0341-8162 | 3.191 | Article |
| 16 |  | 李猛 | 王荔军 | Energetic Basis for Inhibition of Calcium Phosphate Biomineralization by Osteopontin | JOURNAL OF PHYSICAL CHEMISTRY B 卷: 121 期: 24 页: 5968-5976 DOI: 10.1021/acs.jpcb.7b04163 出版年: JUN 22 2017 | 1520-6106 | 3.177 | Article |
| 17 | 作物遗传改良国家重点实验室; 微量元素研究中心 | 华营鹏 | 徐芳森 | Genome-scale mRNA transcriptomic insights into the responses of oilseed rape (Brassica napus L.) to varying boron availabilities | PLANT AND SOIL 卷: 416 期: 1-2 页: 205-225 DOI: 10.1007/s11104-017-3204-2 出版年: JUL 2017 | 0032-079X | 3.052 | Article |
| 18 | 微量元素研究中心; 新型肥料湖北省工程实验室 | 邓小芳 | 刘新伟 | Difference of selenium uptake and distribution in the plant and selenium form in the grains of rice with foliar spray of selenite or selenate at different stages | FIELD CROPS RESEARCH 卷: 211 页: 165-171 DOI: 10.1016/j.fcr.2017.06.008 出版年: SEP 2017 | 0378-4290 | 3.048 | Article |
| 19 | 水土保持研究中心 | 叶超 | 郭忠录 | The effect of Bahiagrass roots on soil erosion resistance of Aquults in subtropical China | GEOMORPHOLOGY 卷: 285 页: 82-93 DOI: 10.1016/j.geomorph.2017.02.003 出版年: MAY 15 2017 | 0169-555X | 2.958 | Article |
| 20 | 农业部长江中下游耕地保育重点实验室; 微量元素研究中心 | 汪洋 | 李小坤 | Effects of nitrogen and tiller type on grain yield and physiological responses in rice | AOB PLANTS 卷: 9 文献号: plx012 DOI: 10.1093/aobpla/plx012 出版年: 2017 | 2041-2851 | 2.238 | Article |
| 21 | 农业部长江中下游耕地保育重点实验室 | 王小明 | 冯雄汉 | Influences and Mechanisms of As(V) Concentration and Environmental Factors on Hydrosulfate Green Rust Transformation | ACTA CHIMICA SINICA 卷: 75 期: 6 页: 608-616 DOI: 10.6023/A17020046 出版年: JUN 15 2017 | 0567-7351 | 2.131 | Article |
| 22 | 微量元素研究中心;新型肥料湖北省工程实验室;农业部长江中下游耕地保育重点实验室 | 秦世玉 | 胡承孝 | Uptake, transport and distribution of molybdenum in two oilseed rape (Brassica napus L.) cultivars under different nitrate/ammonium ratios | JOURNAL OF ZHEJIANG UNIVERSITY-SCIENCE B 卷: 18 期: 6 页: 512-521 DOI: 10.1631/jzus.B1600249 出版年: JUN 2017 | 1673-1581 | 1.676 | Article |
| 23 | 农业部长江中下游耕地保育重点实验室 | 伍玉鹏 | 胡荣桂 | Changes in the soil N potential mineralization and nitrification in a rice paddy after 20 yr application of chemical fertilizers and organic matter | CANADIAN JOURNAL OF SOIL SCIENCE 卷: 97 期: 2 页: 290-299 DOI: 10.1139/cjss-2016-0065 出版年: JUN 2017 | 0008-4271 | 1.59 | Article |
| 24 | 农业部长江中下游耕地保育重点实验室 | 何阳波 | 陈家宙 | Maize root morphology responses to soil penetration resistance related to tillage and drought in a clayey soil | JOURNAL OF AGRICULTURAL SCIENCE 卷: 155 期: 7 页: 1137-1149 DOI: 10.1017/S0021859617000302 出版年: SEP 2017 | 0021-8596 | 1.291 | Article |
| 25 |  | 胡波 | 左行涛 | Fouling modeling of the mixed liquor in MBR by the individual and combined models | WATER SCIENCE AND TECHNOLOGY 卷: 76 期: 4 页: 761-775 DOI: 10.2166/wst.2017.236 出版年: AUG 2017 | 0273-1223 | 1.197 | Article |