

2017 年 SCI 检索论文

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- 1.Luo Bo,Huang XiaoBin,Li Yuanyuan,Lu Guan Jun,Zhao JianLun,Zhang KangKang,Zhao HanBo ,Liu Ying ,Feng Jiang .2017.Social call divergence in bats: a comparative analysis.Behav Ecol.28-2:533-540.
-
- 2.Xu JianLing ,Wang HanXi,Sheng LianXi,Liu XueJun,Zheng XiaoXue.2017.Distribution Characteristics and Risk Assessment of Polycyclic Aromatic Hydrocarbons in the Momoge Wetland, China.International Journal Of Environmental Research And Public Health.14-1:85-1-15.
-
- 3.Shi Yao,Wang ZhongQiang,He ChunGuang,Zhang XinYu,Sheng LianXi ,Ren XiaoDong. 2017. Using ^{13}C isotopes to explore denitrification-dependent anaerobic methane oxidation in a paddy-peatland.Scientific Reports.7:40848-1-8.
-
- 4.Zhang Feng,Liu XingPeng,Zhang JiQuan,Wu RiNa,Ma QiYun,Chen YaNan.2017.Ecological vulnerability assessment based on multi-sources data and SD model in Yinma River Basin, China.Ecol Model.349:41-50.
-
- 5.Geng Zhi,Yang Xue,Chanhee Boo.,Zhu SuiYi,Lu Ying,Fan Wei,Huo MingXin,Menachem Elimelech.,Yang Xia.2017.Self-cleaning anti-fouling hybrid ultrafiltration membranes via side chain grafting of poly(aryl ether sulfone) and titanium dioxide.J Membrane Sci.529:1-10.
-
- 6.Li Dan,Sun KePing,Zhao YunJiao,Lin AiQing,Li Shi,Jiang YunLei,Feng Jiang.2017. Polymorphism in the major histocompatibility complex (MHCclassIIB) genes of the Rufous -backed Bunting (Emberiza jankowskii).Peerj.5:e2917-1-23.
-
- 7.Zhu XiaoLin,Wu GuanLan,Lu Nan,Yuan Xing ,Li Bai Kun.2017.A miniaturized electrochemical toxicity biosensor based on graphene oxide quantum dots/carboxylated carbon nanotubes for assessment of priority pollutants .J Hazard Mater.324:272-280.
-
- 8.Liu HaiYang,Ren Miao,Qu Jiao,Feng Yue,Song XiangMeng,Zhang Qian,Cong Qiao, Yuan Xing.2017. A cost-effective method for recycling carbon and metals in plants: synthesizing nanomaterials.Environmental Science-Nano.4-2:461-469.
-
- 9.Geng Zhi,Yu Yang,Zhu SuiYi Yu HongBin,Liu JianCong,Bian DeJun,Yang Xia, Huo HongLiang,Huo MingXin.2017.Comparing Polyethersulfone and Polyurethane-immobilized Cells of Comamonas testosteroni QYY in Treatment of an Accidental Dye Wastewater.Chem Res Chinese U.33-1:36-43.
-
- 10.Zhang Lei,Ma GuoQiang,Zhu SuiYi,Yang Xia,Geng Zhi,Huo MingXin.2017. 甘氨酸辅助合成 BiOI 及其模拟太阳光光催化性能研究.J Inorg Mater.32-2:148-154.
-
- 11.Fu Ling,Huang Tao ,Wang Shuo,Wang XiaoHong ,Su LiMin,Li Chao,Zhao Yuan Hui.2017. Toxicity of 13 different antibiotics towards freshwater green algae Pseudokirchneriella subcapitata and their modes of actionChemosphere.168:217-222.
-
- 12.Wang JianJun,Li FengYu,Tan Jiang,Peng XueWei,Sun LiLi,Wang Ping,Jia ShengNan,Yu QingMiao,Huo Hong Liang,Zhao HongYan.2017.Melittin inhibits the invasion of MCF-7 cells by downregulating CD147 and MMP-9 expression.Oncology Letters.13-2:599-604.
-
- 13.Sun CaiYun,Zhang JiQuan,Ma QiYun,Chen YaNan,Ju HanYu .2017.Polycyclic aromatic hydrocarbons (PAHs) in water and sediment from a river basin: sediment-water partitioning, source identification and environmental health risk assessment.Environ Geochem Hlth. 39:63-74.
-
- 14.Ren QingKai,Yu Yang,Zhu SuiYi,Bian DeJun,Huo MingXin,Zhou DanDan,Huo HongLiang. 2017. Characterization of a novel micro-pressure swirl reactor for removal of chemical oxygen demand and total nitrogen from domestic wastewater at low temperature. Biodegradation.28-2-3:145-157.

- 15.Zhou DanDan,Zhang ChaoFan,Fu Liang,Xu Liang,Cui XiaoChun,Li QingCheng,John C Crittenden.2017.Responses of the Microalga Chlorophyta sp. to Bacterial Quorum Sensing Molecules (N-Acylhomoserine Lactones): Aromatic Protein-Induced Self-Aggregation. Environ Sci Technol.51-6:3490-3498.
- 16.Wang LingYan,Wang HanXi,He ChunGuang,Sheng LianXi,Tang ZhanHui.2017. An irreversible division of labor through a sexually dependent system in the clonal plant Iris laevigata (Iridaceae).Ecosphere.8-3:e01757-1-11.
- 17.Jiang TingLei,Huang XiaoBin,Wu Hui,Feng Jiang.2017.Size and quality information in acoustic signals of Rhinolophus ferrumequinum in distress situations.Physiol Behav. 173:252-257.
- 18.Tong SiQin,Zhang JiQuan,Bao YuHai.2017.Inter-decadal Spatiotemporal Variations of Aridity Based on Temperature and Precipitation in Inner Mongolia, China.Pol J Environ Stud.26-2:819-826.
- 19.Xu Liang,Huo MingXin,Sun CaiYun,Cui XiaoChun,Zhou DanDan,John C Crittenden., Yang Wu.2017.Bioresources inner-recycling between bioflocculation of *Microcystis aeruginosa* and its reutilization as a substrate for bioflocculant production.Scientific Reports.7:43784-1-12.
- 20.Tong SiQin,Zhang JiQuan,Bao YuHai,Wu RiNa,Teri Gele. ,Wei LiSi ,Lian Xiao.2017. Spatial and temporal variations of vegetation cover and the relationships with climate factors in Inner Mongolia based on GIMMS NDVI3g data.Journal Of Arid Land.9-3:394-407.
- 21.Yang YuShuang,Hu MingZhong,Zhou DanDan,Fan Wei,Wang XiaoYu,Huo MingXin.2017. Bioremoval of Cu²⁺ from CMP wastewater by a novel copper-resistant bacterium *Cupriavidus gilardii* CR3: characteristics and mechanisms.Rsc Advances.7-30:18793-18802.
- 22.Guo Jing,Jiang HaiBo,Bian HongFeng,Sheng LianXi,He ChunGuang,Gao YingZhi.2017. Natural succession is a feasible approach for cultivated peatland restoration in Northeast China.Ecol Eng.104:39-44.
- 23.Luo Bo,Lu GuanJun,Kelly Chen.,Guo DongGe,Huang XiaoBin,Liu Ying,Feng Jiang.2017. Social calls honestly signal female competitive ability in Asian particoloured bats.Anim Behav.127:101-108.
- 24.Xu JianLing,Cai QiongYao,Wang HanXi ,Liu XueJun ,Lv Jing ,Yao DiFu,Lu Yue,Li Wei,Liu YuanYuan.2017. Study of the potential of barnyard grass for the remediation of Cd- and Pb-contaminated soil.Environ Monit Assess.189-5:224-1-11.
- 25.Ma QiYun,Zhang JiQuan ,Sun CaiYun,Guo DongLiang,Zhang Feng,Wang MengMeng. 2017. Changes of Reference Evapotranspiration and Its Relationship to Dry/Wet Conditions Based on the Aridity Index in the Songnen Grassland, Northeast China.Water.9-5:316-1-19.
- 26.Wang Yu,Wang Shuo,Feng XiaoNa,Yan liChen,Zheng ShanShan,Wang Yue , Zhao YuanHui.2017.The impact of exposure route for class-based compounds: a comparative approach of lethal toxicity data in rodent models.Drug Chem Toxicol.2017-8: 1320405-1-10.
- 27.Zheng XiaoXue,Xu JianLing ,Wang HanXi,Liu Xue Jun,Yao Difu,Lv Jing.2017. Health risk assessment of a reservoir-type water source in the northeastern region of China.Hum Ecol Risk Assess.23-4:751-766.
- 28.Jiang CuiShuang,Yu HongBin ,Wang XinHong,Lu Ying,Luo XuBiao.2017.Preparation of the Palladium/Polymeric Pyrrole-Multi-Walled Carbon Nanotubes Film/Titanium Electrode and Its Performance for the Dechlorination of 4-chlorophenol.International Journal Of Electrochemical Science.12-6:5208-5219.
- 29.Wang XiaoHong,Fan LingYun,Wang Shuo,Wang Yue,Yan liChen,Zheng ShanShan,

- Christopher J Martyniuk.,Zhao YuanHui.2017.Relationship between acute and chronic toxicity for prevalent organic pollutants in *Vibrio fischeri* based upon chemical mode of action.J Hazard Mater.338-2017:458-465.
- 30.Zhao HongFei ,Yang JiaKuan,Fan Wei,Huo MingXin,Ma YuHui,Liu Lei ,Yang Xia.2017. Evaluation of Changes in Hydrogeological Properties of Porous Media Induced by air Sparging in Sand Matrix.Water Air Soil Poll.228:226-1-9.
- 31.Yang YuXin,Geng Lei,Guo YiXing,Guo YingNa.2017. Morphology evolution and excellent visible-light photocatalytic activity of BiOBr hollow microspheres.J Chem Technol Biot. 92-6:1236-1247.
- 32.Wang LingYan,Bao Yu,Wang HanXi,He ChunGuang,Wang Ping,Sheng LianXi , Tang ZhanHui.2017.Slow stamen movement in a perennial herb decreases male-male and male-female interference.Aob Plants.9-4:1-11.
- 33.Yu Jie,Zhang JiQuan ,Zhang Ming.2017.Theoretical Model of Spiral Rain Clusters and Analysis of Their Horizontal Structure Equation.Atmosphere.8-6:106-1-9.
- 34.Sun YingNan,Hu JiangLei,An Sai,Zhang QingQing,Guo YiXing,Song DaiYu, Shang QingKun.2017.Selective esterification of glycerol with acetic acid or lauric acid over rod-like carbon-based sulfonic acid functionalized ionic liquids.Fuel.207:136-145.
- 35.Zhang Bing,Chang Liang,Ni Zhen,Sun Xin,Wu DongHui.2017.Direction migration of three Desoria species (Collembola: Isotomidae) on the snow surface in late winter.Eur J Soil Biol. 81:64-68.
- 36.Wang ZhaoHua,Cai QiongYao,Ye TingMing,Guo YingNa,Geng Zhi,Yang Xia,Yu HongBin. 2017.p-n 异质结 BiPO₄/Ag₃PO₄ 的制备及其增强的模拟太阳光活性.Chinese J Inorg Chem. 33-7:1196-1204.
- 37.Xie LiFen,Sun KePing,Jiang TingLei,Liu Sen,Lu GuanJun,Jin LongRu,Feng Jiang.2017. The effects of cultural drift on geographic variation in echolocation calls of the Chinese rufous horseshoe bat (*Rhinolophus sinicus*).Ethology.123-8:532-541.
- 38.Yang YuXin,Geng Lei,Guo YingNa,Meng JiaQi,Guo YiXing.2017.Easy dispersion and excellent visible-light photocatalytic activity of the ultrathin urea-derived g-C₃N₄ nanosheets.Appl Surf Sci.425:535-546.
- 39.Guo DongLiang,Zhang JiQuan,Ha Si,Dong ZhenHua,Cao TieHua,Wu Lan. 2017.Temporal and spatial characteristics of extreme precipitation events in the Midwest of Jilin Province based on multifractal detrended fluctuation analysis method and copula functions.Theor Appl Climatol.130:597-607.
- 40.Fu Liang,Cui XiaoChun,Li YunBao,Xu Liang,Zhang ChaoFan,Xiong RuoHan, Zhou DanDan,John C Crittenden.2017.Excessive phosphorus enhances *Chlorella regularis* lipid production under nitrogen starvation stress during glucose heterotrophic cultivation. Chem Eng J.330:566-572.
- 41.Zhang YiChe,Zhang Feng,Zhang JiQuan,Guo DongLiang,Liu XingPeng,Tong zhiJun.2017. Research on the Geological Disaster Forecast and Early Warning Model Based on the Optimal Combination Weighing Law and Extension Method: a Case Study in China. Pol J Environ Stud.26-5:1-11.
- 42.Guo EnLiang,Liu XingPeng,Zhang JiQuan,Wang YongFang,Wang CaiLin,Wang Rui, Li DanJun.2017. Assessing spatiotemporal variation of drought and its impact on maize yield in Northeast China.J Hydrol.553:231-247.
- 43.Yang YuRong,He ChuangJun,Huang Li,Ban YiHui,Tang Ming.2017.The effects of arbuscular mycorrhizal fungi on glomalin-related soil protein distribution, aggregate stability and their relationships with soil properties at different soil depths in lead-zinc contaminated area.Plos One .12-8:e0182264-1-19.
- 44.Li XiangQian,Tong ZhiJun,Guo EnLiang,Luo XiaoLong.2017. Quantifying spatiotemporal dynamics of solar radiation over the Northeast China based on ACO-BPNN model and

- 45.Huang Tao,Yan LiChen,Zheng ShanShan,Wang Yue,Wang XiaoHong,Fan LingYun,Li Chao, Zhao YuanHui,Christopher J Martyniuk.2017.Discriminating modes of toxic action in mice using toxicity in BALB/C mouse fibroblast (3T3) cells.Chemosphere.188:73-80.
- 46.Yuan JiHong,Wang Ping,Jacob Weiner.,Bian HongFeng,Tang ZhanHui,Sheng LianXi. 2017. The Effects of Soil Drying on the Growth of a Dominant Peatland Species, Carex lasiocarpa.Wetlands.37-6:1135-1143.
- 47.Chen Lei,Zhang Li,Zhao YaHui,Shao KuiZhan,Wang XinLong,Huo MingXin,Su ZhongMin. 2017.A novel 3D Zn(II) coordination polymer for highly luminescent sensing of nitro compounds.Inorg Chem Commun.86:267-270.
- 48.Zhou Mo,Zhang JiQuan,Sun CaiYun.2017. Occurrence, Ecological and Human Health Risks, and Seasonal Variations of Phenolic Compounds in Surface Water and Sediment of a Potential Polluted River Basin in China.International Journal Of Environmental Research And Public Health.14:1140-1-14.
- 49.Li SiJia,Zhang JiQuan,Guo DongLiang,Zhang Feng,Ma QiYun,Mu GuangYi.2017. Dynamics and ecological risk assessment of chromophoric dissolved organic matter in the Yinma River Watershed: Rivers, reservoirs, and urban waters.Environ Res.158:245-254.
- 50.Wang DeLi,Dong Juan,Zhang BaoTian,Ba Lei ,Kenneth C Hodgkinson.,Grazing Intensity and Phenotypic Plasticity in the Clonal Grass Leymus chinensis.Rangeland Ecol Manag. 70-6:740-747.
- 51.Yang YuRong,Dong Miao,Cao YaPing,Wang JinLong ,Tang Ming,Ban YiHui. Comparisons of Soil Properties, Enzyme Activities and Microbial Communities in Heavy Metal Contaminated Bulk and Rhizosphere Soils of Robinia pseudoacacia L.in the Northern Foot of Qinling Mountain.Forests.8-11:430-1-18.

2016 年 SCI 检索论文

1. Hoyt Joseph R., Langwig, Kate E., Sun Keping, Lu Guanjun,Parise Katy L., Jiang Tinglei, Frick Winifred F., Foster Jeffrey T., Feng Jiang, Marm Kilpatrick, A. 2016. Host persistence or extinction from emerging infectious disease: insights from white-nose syndrome in endemic and invading regions. Proceedings of the Royal Society B-Biological Sciences 283:2861.
2. Luo Wenbo, Callaway Ragan M., Atwater Daniel Z. 2016. Intraspecific diversity buffers the inhibitory effects of soil biota. Ecology 97: 1913-1918.
3. Li Kexin, Zeng Zhenxing, Yan Liushui, Huo Mingxin, Guo Yihang, Luo Shenglian, Luo Xubiao. 2016. Fabrication of C/X-TiO₂@C₃N₄NTs (X=N, F, Cl) composites by using phenolic organic pollutants as raw materials and their visible-light photocatalytic performance in different photocatalytic systems. Applied Catalysis B-Environmental 187:269-280.
4. Song Daiyu, An Sai, Sun Yingnan, Guo Yihang. 2016. Efficient conversion of levulinic acid or furfuryl alcohol into alkyl levulinate catalyzed by heteropoly acid and ZrO₂ bifunctionalized organosilica nanotubes. Journal of Catalysis 333: 184-199.
5. An Sai, Song Daiyu, Sun Yingnan, Guo Yihang, Shang Qingkun. 2016. Design of highly ordered mesoporous Nb₂O₅-based hybrid catalysts bifunctionalized by the Keggin-type heteropoly acid and phenyl-bridged organosilica moieties for the synthesis of methyl levulinate. Microporous and Mesoporous Materials 226: 396-405.
6. Guo Wan, Qin Qin, Geng Lei, Wang Di, Guo Yihang, Yang, Yuxin. 2016. Morphology-controlled preparation and plasmon-enhanced photocatalytic activity of Pt-BiOBr heterostructures. Journal

7. Cui Xiaochun, Zhou Dandan, Fan Wei, Huo Mingxin, Crittenden John C., Yu Zhisen, Ju Pengfei, Wang Yang. 2016. The effectiveness of coagulation for water reclamation from a wastewater treatment plant that has a long hydraulic and sludge retention times: A case study. Chemosphere 157: 224-231.
8. Li Jinjie, Zhang Xujia, Wang Xiaohong, Wang Shuo, Yu Yang, Qin Weichao, Su Limin, Zhao Yuanhui. 2016. Discrimination of excess toxicity from baseline level for ionizable compounds: Effect of pH. Chemosphere 147: 382-388.
9. Li Shuang, Sheng Lianxi, Xu Jingbo, Tong Haibin, Jiang Haibo. 2016. The induction of metallothioneins during pulsed cadmium exposure to *Daphnia magna*: Recovery and trans-generational effect. Ecotoxicology and Environmental Safety 126: 71-77.
10. Ma Ying, Lu Nan, Lu Ying, Guan Jiunian, Qu Jiao, Liu Haiyang, Cong Qiao, Yuan Xing. 2016. Comparative study of carbon materials synthesized "Greenly" for 2-CP removal. Scientific Reports 6: 29167.
11. Zhou Dandan, Jiang Xuehui, Lu Ying, Fan Wei, Huo Mingxin, Crittenden John C. 2016. Cotransport of graphene oxide and Cu(II) through saturated porous media. Science of the Total Environment 550: 717-726.
12. Xiao Yanhong, Wu Yonghua, Sun Keping, Wang Hui, Jiang Tinglei, Lin Aiqing, Huang Xiaobin, Yue Xinke, Shi Limin, Feng Jiang. 2016. Gene expression and adaptive evolution of ZBED1 in the hibernating greater horseshoe bat (*Rhinolophus ferrumequinum*). Journal of Experimental Biology 219: 834-843.
13. Wang Dawei, Liu Haiyang, Ma Ying, Qu Jiao, Guan Jiunian, Lu, Nan, Lu Ying, Yuan Xing. 2016. Recycling of hyper-accumulator: Synthesis of ZnO nanoparticles and photocatalytic degradation for dichlorophenol. Journal of Alloys and Compounds 680: 500-505.
14. Xu Jianling, Wang Hanxi, Liu Yuanyuan, Ma Mengchao, Zhang Tian, Zheng Xiaoxue, Zong Meihan. 2016. Ecological risk assessment of heavy metals in soils surrounding oil waste disposal areas. Environmental Monitoring and Assessment 188: 125.
15. Zhang Feng, Zhang Jiquan, Wu Rina, Ma Qiyun, Yang Jun. 2016. Ecosystem health assessment based on DPSIRM framework and health distance model in Nansi Lake, China. Stochastic Environment Research and Risk Assessment 30: 1235-1247.
16. Wang Xiaohong, Yu Yang, Huang Tao, Qin Weichao, Su Limin., Zhao Yuanhui. 2016. Comparison of toxicities to *Vibrio fischeri* and fish based on discrimination of excess toxicity from baseline level. PLoS One 11: e0150028.
17. Zhu Xiaolin, Zhang Kexin, Lu Nan, Yuan Xing. 2016. Simultaneous determination of 2,4,6-trichlorophenol and pentachlorophenol based on poly (Rhodamine B)/graphene oxide/multiwalled carbon nanotubes composite film modified electrode. Applied Surface Science 361: 72-79.
18. Lin Shanshan, Wang Xinmin, Chao Yunlong, He Yude, Liu Ming. 2016. Predicting biofilm thickness and biofilm viability based on the concentration of carbon-nitrogen-phosphorus by support vector regression. Environmental Science and Pollution Research 23: 418-425.
19. Zhu Xiaolin, Qin Hongwei, Wu Guanlan, Li Jinlian, Yuan Xing, Wu Dongmei. 2016. Voltammetric behavior of HeLa cells on a carbon nanotube/ionic liquid modified electrode for cytotoxicity evaluation of chlorophenols. Analytical Methods 8: 171-176.
20. Guan Jiunian, Yan Baixing, Wang Lixia, Zhu Hui, Cheng Long. 2016. Variation in total dissolved iron output and iron species during extreme rainfall events. Clean-Soil Air Water 44: 624-630.

21. Xie Lifen, Sun Keping, Feng Jiang. 2016. Characterization of the complete mitochondrial genome of the *Rhinolophus sinicus sinicus*(Chiroptera: Rhinolophidae) from Central China. Mitochondrial DNA 27: 2734-2735.
22. Guan Junian, Yan Baixing, Yuan Xing. 2016. The health impacts of dissolved iron impulse in drinking water resources after extreme precipitation. Basic and Clinical Pharmacology and Toxicology 118: 82.
23. Guan Junian, Yan Baixing, Yuan Xing. 2016. Variations of total dissolved iron and its impacts during an extreme spring flooding event in the Songhua River. Journal of Geochemical Exploration 166: 27-32.
24. Guo Enliang, Zhang Jiquan, Wang Yongfang, Si Ha, Zhang Feng. 2016. Dynamic risk assessment of waterlogging disaster for maize based on CERES-Maize model in Midwest of Jilin Province, China. Nature Hazards 83: 1747-1761.
25. Hoyt Joseph R., Sun Keping, Parise Katy L., Lu Guanjun, Langwig Kate E., Jiang Tinglei, Yang Shubao, Frick Winifred F., Kilpatrick Marm A., Foster Jeffrey T., Feng Jiang. 2016. Widespread bat white-nose syndrome fungus, northeastern China. Emerging Infectious Diseases 22: 140-142.
26. Jiang Tinglei, Huang Xiaobin, Wu Hui, Lin Hongjun, Hoyt Joseph, Mueller Rolf, Feng Jiang. Autumn flight activity of the greater horseshoe bat at hibernacula. Animal Biology 66: 119-131.
27. Lu Mingzhi, Sheng Lianxi, Zhang Zhongsheng, Zhang Li. 2016. Distribution and accumulation of soil carbon in temperate wetland, northeast China. Chinese Geographocal Science 26: 295-303.
28. Sun Caiyun, Zhang Jiquan, Ma Qiyun, Zhang Feng, Chen Yanan. 2016. Risk assessment of polycyclic aromatic hydrocarbons (PAHs) in sediments from a mixed-use reservoir. Human Ecological Risk Assessment 22: 447-459.

2015 年 SCI 检索论文

1. Zhi Wei, Yuan Li, Ji Guodong, He Chunguang. 2015. Enhanced long-term nitrogen removal and its quantitative molecular mechanism in Tidal Flow Constructed Wetlands. Environmental Science Technology 49: 4575-4583.
2. Lu Bo, An Sai, Song Daiyu, Su Fang, Yang Xia, Guo Yihang. 2015. Design of organosulfonic acid functionalized organosilica hollow nanospheres for efficient conversion of furfural alcohol to ethyl levulinate. Green Chemistry 17: 1767-1778.
3. Song Daiyu, An Sai, Lu Bo, Guo Yihang, Leng Jiyan. 2015. Arylsulfonic acid functionalized hollow mesoporous carbon spheres for efficient conversion of levulinic acid or furfuryl alcohol to ethyllevulinate. Applied Catalysis B-Environmental 179: 445-457.
4. Zhang Xianghuan, Su Fang, Song Daiyu, An Sai, Lu Bo, Guo Yihang. 2015. Preparation of efficient and recoverable organosulfonic acid functionalized alkyl-bridged organosilica nanotubes for esterification and transesterification. Applied Catalysis B-Environmental 163: 50-62.
5. Wang Honglei, Ji Guodong, Bai Xueyuan, He Chunguang. 2015. Assessing nitrogen transformation process in a trickling filter under hydraulic loading rate constraints using nitrogen functional gene abundances. Bioresource Technology 177: 217-213.
6. An Sai, Song Daiyu, Lu Bo, Yang Xia, Guo Yihang. 2015. Morphology tailoring of sulfonic acid functionalized organosilica nanohybrids for the synthesis of biomass-derived alkyl levulimates. Chemical European Journal 21: 10786-10798.
7. Leon Camara, Ibrahima Sory, Song Daiyu, Su Fang, An Sai, Liu Hongbo, Gao Jie, Guo Yihang,

Leng Jiyan. 2015. Propylsulfonic acid and methyl bifunctionalized TiSBA-15 silica as an efficient heterogeneous acid catalyst for esterification and transesterification. *Microporous and Mesoporous Materials* 204: 218-225.

8. Zhu Suiyi, Fang Shuai, Huo Mingxin, Yu Yang, Chen Yu, Yang Xia, Geng Zhi, Wang Yi, Bian Dejun, Huo Hongliang. 2015. A novel conversion of the groundwater treatment sludge to magnetic particles for the adsorption of methylene blue. *Journal of Hazardous Materials* 292: 173-179.
9. Liu Sen, Sun Keping, Jiang Tinglei, Feng Jiang. 2015. Natural epigenetic variation in bats and its role in evolution. *Journal of Experimental Biology* 218: 100-106.
10. Fu Ling, Li Jinjie, Wang Yu, Wang Xiaohong, Wen Yang, Qin Weichao, Su Limin, Zhao Yuanhui. 2015. Evaluation of toxicity data to green algae and relationship with hydrophobicity. *Chemosphere* 120: 16-22.
11. He Jia, Li Jinjie, Wen Yang, Tai Hongwei, Yu Yang, Qin Weichao, Su Limin, Zhao Yuanhui. 2015. Investigation on modes of toxic action to rats based on aliphatic and aromatic compounds and comparison with fish toxicity based on exposure routes. *Chemosphere* 128: 111-117.
12. Li Jinjie, Wang Xiaohong, Wang Yu, Wen Yang, Qin Weichao, Su Limin, Zhao Yuanhui. 2015. Discrimination of excess toxicity from narcotic effect: Influence of species sensitivity and bioconcentration on the classification of modes of action. *Chemosphere* 120: 660-673.
13. Fu Ling, Li Jinjie, Wang Yu, Wang Xiaohong, Wen Yang, Qin Weichao, Su Limin, Zhao Yuanhui. 2015. Evaluation of toxicity data to green algae and relationship with hydrophobicity. *Chemosphere* 120: 16-22.
14. Fan Wei, Jiang Xuehui, Yang Wu, Geng Zhi, Huo Mingxin, Liu Zhongmou, Zhou Huan. 2015. Transport of graphene oxide in saturated porous media: Effect of cation composition in mixed Na-Ca electrolyte systems. *Science of the Total Environment* 511: 509-515.
15. Li Qiang, Song Yantao, Li Guangdi, Yu Pujia, Wang Ping, Zhou Daowei. 2015. Grass-legume mixtures impact soil N, species recruitment, and productivity in temperate steppe grassland. *Plant and Soil* 394: 271-285.
16. Geng Zhi, Zhang Yu, Yuan Xing, Huo Mingxin, Zhao Yahui, Lu Ying, Qiu Yue. 2015. Incorporation of Cu₂O nanocrystals into TiO₂ photonic crystal for enhanced UV-visible light driven photocatalysis. *Journal of Alloys and Compounds* 644: 734-741.
17. Jia Yanqin, Yang Yuxin, Guo Yingna, Guo Wan, Qin Qin, Yang Xia, Guo Yihang. 2015. Simulated sunlight photocatalytic degradation of aqueous p-nitrophenol and bisphenol A in a Pt/BiOBr film-coated quartz fiber photoreactor. *Dalton Transactions* 44: 9439-9449.
18. Yang Yuxin, Wang Jiarui, Zhao Jing, Nail Benjamin A., Yuan Xing, Guo Yihang, Osterloh Frank E. 2015. Photochemical charge separation at particle interfaces: The n-BiVO₄-P-Silicon system. *American Chemical Society Applied Materials and Interfaces* 7: 5959-5964.
19. Lu Ying, Sun Zhong, Huo Mingxin. 2015. Fabrication of a micellar heteropolyacid with Lewis-bronsted acid sites and application for the production of 5-hydroxymethylfurfural from saccharides in water. *Royal Society of Chemistry Advances* 5: 30869-30876.
20. Ma Fengyan, Geng Zhi, Yang Xia, Leng Jiyan. 2015. Fabrication and enhanced simulated sunlight photocatalytic activity of metallic platinum and indium oxide codoped titania nanotubes. *Royal Society of Chemistry Advances* 5: 46677-46685.
21. Lu Ying, Zhao Kun, Zhao Yahui, Zhu Suiyi, Yuan Xing, Huo Mingxin, Zhang Yu, Qiu Yue. 2015. Bi₂WO₆/TiO₂/Pt nanojunction system: A UV-vis light responsive photocatalyst with high photocatalytic performance. *Colloids and Surfaces A* 481: 252-260.

22. Xu Lei, Wei Yongge, Guo Wan, Guo Yihang, Guo Yingna. 2015. One-pot solvothermal preparation and enhanced photocatalytic activity of metallic silver and graphene co-doped BiVO₄ ternary systems. *Applied Surface Science* 332: 682-693.
23. Huang Xiaobin, Kanwal Jagmeet S., Jiang Tinglei, Long Zhenyu, Luo Bo, Yue Xinke, Gu Yongbo, Feng Jiang. 2015. Situational and age-dependent decision making during life threatening distress in *myotis macrotis*. *PLoS One* 10: e0132817.
24. Jiang Haibo, He Chunguang, Sheng Lianxi, Tang Zhanhui, Wen Yang, Yan Tingting, Zou Changlin. 2015. Hydrological modelling for Siberian crane *Grus Leucogeranus* stopover sites in Northeast China. *PLoS One* 10: e0122687.
25. Liu Zhongmou, Wang Xianze, Luo Zhen, Huo Mingxin, Wu Jinghui, Huo Hongliang, Yang Wu. 2015. Removing of disinfection by-product precursors from surface water by using magnetic graphene oxide. *PLoS One* 10: e0143819.
26. Wang Xiaoyu, Chen Meili, Xiao Jingfa, Hao Lirui, Crowley David E., Zhang Zhewen, Yu Jun, Huang Ning, Huo Mingxin, Wu Jiayan. 2015. Genome sequence analysis of the naphthenic acid degrading and metal resistant bacterium *cupriavidus gilardii CR3*. *PLoS One* 10: e0132881.
27. Wang Xianze, Liu Zhongmou, Liu Jiancong, Huo Mingxin, Huo Hongliang, Yang Wu. 2015. Removing phosphorus from aqueous solutions using lanthanum modified pine needles. *PLoS One* 10: e0142700.
28. Xiao Yanhong, Wu Yonghua, Sun Keping, Wang Hui, Zhang Bing, Song Shuhui, Du Zhenglin, Jiang Tinglei, Shi Limin, Wang Lei, Lin Aiqing, Yue Xinke, Li Chenji, Chen Tingting, Feng Jiang. 2015. Differential expression of hepatic genes of the greater Horseshoe Bat(*Rhinolophus ferrumequinum*) between the summer active and winter torpid states. *PLoS One* 10: e0145702.
29. Yan Hong, Liang Cunzhu, Li Zhiyong, Liu Zhongling, Miao Bailing, He Chunguang, Sheng Lianxi. 2015. Impact of precipitation patterns on biomass and species richness of annuals in a dry steppe. *PLoS One* 10: e0125300.
30. Yan Hong, Liu Ruiquan, Liu Zinan, Wang Xue, Luo Wenbo, Sheng Lianxi. 2015. Growth and physiological responses to water depths in *Carex Schmidtii meinsh.* *PLoS One* 10: e0128176.
31. Fan Wei, Jiang Xuehui, Lu Ying, Huo Mingxin, Lin Shanshan, Geng Zhi. 2015. Effects of surfactants on graphene oxide nanoparticles transport in saturated porous media. *Journal of Environment Science-China* 35: 12-19.
32. Zhu Xiaolin, Liu Jiguang, Zhang Zeshi, Lu Nan, Yuan Xing, Wu Dongmei. 2015. Green synthesis of a bromocresol purple/graphene composite and its application in electrochemical determination of 2,4,6-trichlorophenol. *Analytical Methods* 7: 3178-3184.
33. Fu Ling, Hamzeh Mahsa, Dodard Sabine, Zhao Yuanhui, Sunahara Geoffrey I. 2015. Effects of TiO₂ nanoparticles on ROS production and growth inhibition using freshwater green algae pre-exposed to UV irradiation. *Environmental Toxicology and Pharmacology* 39: 1074-1080.
34. He Jia, Abraham Michael H., Acree Jr. William E., Zhao Yuanhui. 2015. A linear free energy analysis of PAMPA models for biological systems. *International Journal Pharmaceutics* 496: 717-722.
35. Jiang Tinglei, Wu Hui, Feng Jiang. 2015. Patterns and causes of geographic variation in bat echolocation pulses. *Integrative Zoology* 10: 241-256.
36. Li Jinjie, Tai Hongwei, Yu Yang, Wen Yang, Wang Xiaohong, Zhao Yuanhui. 2015. Comparison of toxicity of class-based organic chemicals to algae and fish based on discrimination of excess toxicity from baseline level. *Environmental Toxicology Pharmacology* 40: 292-299.

37. Li Shi, Sun Keping, Lu Guanjun, Lin Aiqing, Jiang Tinglei, Jin Longru, Hoyt Joseph R., Feng Jiang. 2015. Mitochondrial genetic differentiation and morphological difference of *Miniopterus fuliginosus* and *Miniopterus magnate* in China and Vietnam. *Ecology and Evolution* 5: 1214-1223.
38. Liao Huixuan, Luo Wenbo, Peng Shaolin, Callaway Ragan M. 2015. Plant diversity, soil biota and resistance to exotic invasion. *Divers and Distributions* 2: 1-10.
39. Lin Aiqing, Jiang Tinglei, Kanwal Jagmeet S., Lu Guanjun, Luo Jinhong, Wei Xuewen, Luo Bo, Feng Jiang. 2015. Geographical variation in echolocation vocalizations of the Himalayan leaf-nosed bat: contribution of morphological variation and cultural drift. *Oikos* 124: 364-371.
40. Lin Hongjun, Kanwal Jagmeet S., Jiang Tinglei, Liu Ying, Feng Jiang. 2015. Social and vocal behavior in adult greater tube-nosed bats (*Murina leucogaster*). *Zoology* 118: 192-202.
41. Liu Shuang, Kong Qingxuan, Qiao Meijiao, Wang Jian, Chao Yunlong, Lin Shanshan. 2015. Enhancing dissolved oxygen and biofilm formation in municipal wastewater treatment systems using magnetic air stone. *Journal of Environmental Engineering* 141: 04015008.
42. Liu Xingpeng, Zhang Jiquan, Cai Weiyi, Bao Yulong. 2015. Estimating the insurance rates for loss of annual production of grass herbage associated with natural disasters in China. *Rangeland Journal* 37: 139-146.
43. Liu Xingpeng, Zhang Jiquan, Tong Zhijun. 2015. Modeling the early warning of grassland fire risk based on fuzzy logic in Xilingol, Inner Mongolia. *Nature Hazards* 75: 2331-2342.
44. Liu Yan, Sheng Lianxi, Liu Jiping. 2015. Impact of wetland change on local climate in semi-arid zone of Northeast China. *Chinese Geographical Science* 25: 309-320.
45. Lu Ying, Yang Xue, Yang Xia, Zhu Suiyi, Fan Wei, Geng Zhi. 2015. 侧链含卤素基团聚芳醚酮的合成及性能. *Chemical Journal of Chinese Universities* 36: 1819-1824.
46. Geng Zhi, Zhu Suiyi, Yu Yang, Lu Ying, Lin Rao, Guo Shujun, Bian Dejun, Yang Xia, Huo Mingxin, Huo Hongliang. 2015. Novel porous polyethersulfone beads as matrix to immobilize Comamonas testosteroni sp. bdq06 in quinoline biodegradation. *Chemical Research in Chinese Universities* 31: 645-650.
47. Maron John L., Luo Wenbo, Callaway Ragan M., Pal Robert W. 2015. Do exotic plants lose resistance to pathogenic soil biota from their native range? A test with *Solidago gigantean*. *Oecologia* 179: 447-454.
48. Mi Yanjie, He Chunguang, Bian Hongfeng, Cai Yanpeng, Sheng Lianxi, Ma Liang. 2015. Ecological engineering restoration of a non-point source polluted river in Northern China. *Ecological Engineering* 76: 142-150.
49. Li Luzhen, He Chunguang, Ji Guodong, Zhi Wei, Sheng Lianxi. 2015. Nitrogen removal pathways in a tidal flow constructed wetland under flooded time constraints. *Ecological Engineering* 81: 266-271.
50. Wang Zhongqiang, Shi Yao, Cheng Mingming, He Chunguang, Zhuang Jie, Sheng Lianxi. 2015. Purification of small-scale stagnant water in urban regions: Human-powered water lift and bank-based constructed wetland. *Ecological Engineering* 83: 108-111.
51. Ning Zhonghua, Long Shuang, Zhou Yuanyuan, Peng Ziyang, Sun Yining, Chen Siwei, Su Limin, Zhao Yuanhui. 2015. Effect of exposure routes on the relationships of lethal toxicity to rats from oral, intravenous, intraperitoneal and intramuscular routes. *Regulatory Toxicology and Pharmacology* 73: 613-619.
52. Peng Xuewei, Li Fengyu, Wang Ping, Jia Shengnan, Sun Lili, Huo Hongliang. 2015. Apelin-13 induces MCF-7 cell proliferation and invasion via phosphorylation of ERK1/2. *International*

53. Sun Caiyun, Zhang Jiquan, Ma Qiyun, Chen Yanan. 2015. Human health and ecological risk assessment of 16 polycyclic aromatic hydrocarbons in drinking source water from a large mixed-use reservoir. International Journal of Environmental Research and Public Health 12: 13956-13969.
54. Sun Zhongyi, Zhang JiQuan, Yan DengHua, Wu Lan, Guo Enliang. 2015. The impact of irrigation water supply rate on agricultural drought disaster risk: a case about maize based on EPIC in Baicheng City, China. Nature Hazards 78: 23-40.
55. Wang Fei, Zhang Jiquan. 2015. Pine wilt in response to meteorological hazardous events during the climate change in China and Japan. Nature Hazards 77: 1785-1798.
56. Wang Hanxi, Xu Jianling, Wang Dawei, Zhang Tian, Liu Yuanyuan. 2015. Cleaner production based on sustainable development in Chinese power plants. Environmental Engineering Science 32: 461-469.
57. Wang Hanxi, Xu Jianling, Yu Haixia, Liu Xuejun, Yin Wei, Liu Yuanyuan, Liu Zhongwei, Zhang Tian. 2015. Study of the application and methods for the comprehensive treatment of municipal solid waste in northeastern China. Renewable Sustainable Energy Reviews 52: 1881-1889.
58. Wang Hui, Wang Haitao, Xiao Yanhong, Wang Xiaoping, Sun Lixin, Shi Jingsong, Lin Aiqing, Feng Jiang, Wu Yonghua. 2015. Low genetic diversity and moderate inbreeding risk of an insular endemic pit viper (*Gloydius shedaoensis*): implications for conservation. Journal of Herpetology 49: 190-199.
59. Wang Yao, Yang Yang, Ma Fang, Xuan Limin, Xu Yanjia, Huo Hongliang, Zhou Dandan, Dong Shuangshi. 2015. Optimization of *Chlorella vulgaris* and bioflocculant-producing bacteria co-culture: enhancing microalgae harvesting and lipid content. Letters in Applied Microbiology 60: 497-503.
60. Wang Yongfang, Zhang Jiquan, Guo Enliang, Sun Zhongyi. 2015. Fuzzy comprehensive evaluation-based disaster risk assessment of desertification in Horqin sand land, China. International Journal of Environmental Research and Public Health 12: 1703-1725.
61. Wang Yu, Ning Zhonghua, Tai Hongwei, Long Shuang, Qin Weichao, Su Limin, Zhao Yuanhui. 2015. Relationship between lethal toxicity in oral administration and injection to mice: Effect of exposure routes. Regulatory Toxicology and Pharmacology 71: 205-212.
62. Wang Yunbiao, Qiao Jie, He Chunguang, Wang Zhongqiang, Luo Wenbo, Sheng Lianxi. 2015. Towards multi-level biomonitoring of nematodes to assess risk of nitrogen and phosphorus pollution in Jinchuan wetland of northeast China. Ecotoxicology 24: 2190-2199.
63. Zheng Muzi, He Chunguang, He Qiang. 2015. Fate of free chlorine in drinking water during distribution in premise plumbing. Ecotoxicology 24: 2151-2155.
64. Wen Yang, Su Limin, Qin Weichao, Zhao Yuanhui, Madden Judith C., Steinmetz, Fabian P., Cronin, Mark T. D. 2015. Investigation of critical body residues and modes of toxic action based on injection and aquatic exposure in fish. Water Air Soil Pollution 226: 174.
65. Wu Hui, Jiang Tinglei, Mueller R., Feng Jiang. 2015. The allometry of echolocation call frequencies in horseshoe bats: nasal capsule and pinna size are the better predictors than forearm length. Journal of Zoology 297: 211-219.
66. Yu Xiaobin, Liu Junbo, Yuan Xing. 2015. Simulation and preparation of molecular imprinting system with atrazine as template. Chinese Journal of Structural Chemistry 34: 488-496.
67. Zhang Qi, Cui Liang, Zhang, Jiquan, Liu Xingpeng, Tong Zhijun. 2015. Grid based dynamic risk

68. Zhang Qi, Zhang Jiquan, Guo Enliang, Yan Denghua, Sun Zhongyi. 2015. The impacts of long-term and year-to-year temperature change on corn yield in China. Theoretical and Applied Climatology 119: 77-82.

2014 年 SCI 检索论文

1. Su Fang, Guo Yihang. 2014. Advancements in solid acid catalysts for biodiesel production. Green Chemistry 16: 2934-2957.
2. Sun Keping, Meikle John, Kelly A., Faircloth Brant C., Glenn Travis C., Braun, Edward L., Kimball Rebecca T. 2014. The evolution of peafowl and other taxa with ocelli (eyespots): a phylogenomic approach. Proceedings of the Royal Society B-Biological Sciences 281: 20140823.
3. Yang Yuxin, Guo Wan, Guo Yingna, Zhao Yahui, Yuan Xing, Guo Yihang. 2014. Fabrication of Z-scheme plasmonic photocatalyst Ag@AgBr/g-C₃N₄ with enhanced visible-light photocatalytic activity. Journal of Hazard Materials 271: 150-159.
4. Zhu Xiaolin, Qin Hongwei, Liu JiGuang, Zhang Zeshi, Lu Ying, Yuan Xing, Wu Dongmei. 2014. A novel electrochemical method to evaluate the cytotoxicity of heavy metals. Journal of Hazard Materials 271: 210-219.
5. Yang Wu, Dong Lili, Luo Zhen, Cui Xiaochun, Liu Jiancong, Liu Zhongmou, Huo Mingxin. 2014. Application of ultrasound and quartz sand for the removal of disinfection byproducts from drinking water. Chemosphere 101: 34-40.
6. Steinmetz, Fabian P., Enoch, Steven J., Madden, Judith C., Nelms Mark D., Rodriguez-Sanchez Neus, Rowe Phil H., Wen Yang, Cronin Mark T. D. 2014. Methods for assigning confidence to toxicity data with multiple values-Identifying experimental outliers. Science of Total Environment 482: 358-365.
7. Su Limin, Liu Xian, Wang Yu, Li Jinjie, Wang Xiaohong, Sheng Lianxi, Zhao Yuanhui. 2014. The discrimination of excess toxicity from baseline effect: Effect of bioconcentration. Science of the Total Environment 484: 137-145.
8. Guo Wan, Yang Yuxin, Guo Yingna, Jia Yanqin, Liu Hongbo, Guo Yihang. 2014. Self-assembled hierarchical Bi₁₂TiO₂-graphene nanoarchitectures with excellent simulated sunlight photocatalytic activity. Physical Chemistry Chemical Physics 16: 2705-2714.
9. Ma Ling, Su Fang, Zhang Xianghuan, Song Daiyu, Guo Yihang, Hu Jianglei. 2014. Epoxidation of alkenes catalyzed by highly ordered mesoporous manganese-salen-based hybrid catalysts. Microporous and Mesoporous Materials 184: 37-46.
10. Li Shuang, Xu Jingbo, Sheng Lianxi. 2014. The trans-generation effect during pulsed cadmium exposure: Tolerance and induction of hsp70. Ecotoxicology and Environmental Safety 107: 300-305.
11. Wang Xiaoyu, Liu Yongsuo, Chen Zhenling, Li Yong, Sun Kang, Jiang Xingyu. 2014. Diffusion of self-assembled monolayers of thiols on the gold surfaces covered with polydimethylsiloxane stamps. Journal of Materials Science 49: 4394-4398.
12. Geng Zhi, Huo Mingxin, Mu Jianxin, Zhang Shuling, Lu Yaning, Luan Jiashuang, Huo Pengfei, Du Yinlong, Wang Guibin. 2014. Ultra low dielectric constant soluble polyhedral oligomeric silsesquioxane (Poss)-poly-(aryl ether ketone) nanocomposites with excellent thermal and mechanical properties. Journal of Materials Chemistry 2: 1094-1103.

13. Su Fang, An Sai, Song Daiyu, Zhang Xianghuan, Lu Bo, Guo Yihang. 2014. Heteropoly acid and ZrO₂ bifunctionalized organosilica hollow nanospheres for esterification and transesterification. *Journal of Materials Chemistry* 2: 14127-14138.
14. Wang Yu, Wen Yang, Li Jinjie, He Jia, Qin Weichao, Su Limin, Zhao Yuanhui. 2014. Investigation on the relationship between bioconcentration factor and distribution coefficient based on class-based compounds: The factors that affect bioconcentration. *Environmental Toxicology and Pharmacology* 38: 388-396.
15. Hage Steffen R., Jiang Tinglei, Berquist Sean W., Feng Jiang, Metzner Walter. 2014. Ambient noise causes independent changes in distinct spectro-temporal features of echolocation calls in horseshoe bats. *Journal of Experimental Biology* 217: 2440-2444.
16. Wu Hui, Jiang Tinglei, Huang Xiaobin, Lin Hongjun, Wang Hongwei, Wang Lei, Niu Hongxing, Feng Jiang. 2014. A test of Rensch's rule in greater horseshoe Bat (*Rhinolophus ferrumequinum*) with female-biased sexual size dimorphism. *PLoS One* 9: e86085.
17. He Jia, Fu Ling, Wang Yu, Li Jinjie, Wang Xiaohong, Su Limin, Sheng Lianxi, Zhao Yuanhui. 2014. Investigation on baseline toxicity to rats based on aliphatic compounds and comparison with toxicity to fish: Effect of exposure routes on toxicity. *Regulatory Toxicology and Pharmacology* 70: 98-106.
18. Lin Aiqing, Csorba Gabor, Li Linfeng, Jiang Tinglei, Lu GuanJun, Vu Dinh Thong, Soisook Pipat, Sun Keping, Feng Jiang. 2014. Phylogeography of *Hipposideros armiger* (Chiroptera: Hipposideridae) in the Oriental Region: the contribution of multiple Pleistocene glacial refugia and intrinsic factors to contemporary population genetic structure. *Journal of Acoustical Society of America* 135: 928-932.
19. Chen Peng, Zhang Jiquan, Zhang Lifeng, Sun Yingyue. 2014. Evaluation of resident evacuations in urban rainstorm waterlogging disasters based on scenario simulation: Daoli district (Harbin, China) as an example. *International Journal of Environmental Research and Public Health* 11: 9964-9980.
20. Guo Enliang, Zhang Jiquan, Ren Xuehui, Zhang Qi, Sun Zhongyi. 2014. Integrated risk assessment of flood disaster based on improved set pair analysis and the variable fuzzy set theory in central Liaoning Province, China. *Natural Hazards* 74: 947-965.
21. Jin Xiangqin, Jiang Jing, Sheng Lianxi, Jin Minghao. 2014. Interspecies competition between *microcystis aeruginosa* and *scenedesmus obliquus* under phenanthrene stress. *Polish Journal of Environment Studies* 23: 1609-1616.
22. Jin Xiangqin, Jin Minghao, Sheng Lianxi. 2014. Three dimensional quantitative structure-toxicity relationship modeling and prediction of acute toxicity for organic contaminants to algae. *Computers in Biology and Medicine* 51: 205-213.
23. Li Yuanyuan, Wang Jing, Metzner Walter, Luo Bo, Jiang Tinglei, Yang Siliu, Shi Limin, Huang Xiaobin, Yue Xinke, Feng Jiang. 2014. Behavioral responses to echolocation calls from sympatric heterospecific bats: implications for interspecific competition. *Behavioral Ecology and Sociobiology* 68: 657-667.
24. Wang Ping, Weiner Jacob, Cahill Jr. James F., Zhou Daowei, Bian Hongfeng, Song Yantao, Sheng Lianxi. 2014. Shoot competition, root competition and reproductive allocation in *Chenopodium acuminatum*. *Journal of Ecology* 102: 1688-1696.
25. Lin Shanshan, Wang Ying, Lin Jifang, Quan Chengshi. 2014. Response of planktonic and benthic microbial community to urban pollution from sewage discharge in Jilin reach of the second Songhua River, China. *Clean-Soil Air Water* 42: 1376-1383.

26. Lu Xingchang, Zhang Jiquan, Li Xiaozhen. 2014. Geographical information system-based assessment of ecological security in Changbai mountain region. *Journal of Mountain Science* 11: 86-97.
27. Qin Hongwei, Liu Jiguang, Zhang Zeshi, Li Jinlian, Gao Guanggang, Yang Yuxin, Yuan Xing, Wu Dongmei. 2014. In situ electrochemical assessment of cytotoxicity of chlorophenols in MCF-7 and HeLa cells. *Analytical Biochemistry* 462: 60-66.
28. Wang Fei, Yamamoto Haruhiko, Li Xiaoming, Zhang Jiquan. 2014. Leaf reddening of sweet gum in water imbalance. *Ecological Informatics* 19: 47-52.
29. Wang Hanxi, Xu Jianling, Liu Yuanyuan, Zhang Tian. 2014. Research on Chinese life cycle-based wind power plant environmental influence prevention measures. *International Journal of Environmental Research and Public Health* 11: 8508-8528.
30. Wang Hanxi, Xu Jianling, Zhao Wenkui, Zhang Jiquan. 2014. Effects and risk evaluation of oil spillage in the sea areas of Changxing Island. *International Journal of Environmental Research and Public Health* 11: 8491-8507.
31. Wang Lei, Lin Aiqing, Xiao Yanhong, Jiang Tinglei, Feng Jiang. 2014. Postnatal development in the big-footed bat, *Myotis macrodactylus*: wing morphology, echolocation calls, and flight. *Acta Theriologica* 59: 435-441.
32. Wang Lei, Luo Jinhong, Wang Hongna, Ou Wei, Jiang Tinglei, Liu Ying, Lyle Dennis, Feng Jiang. 2014. Dynamic adjustment of echolocation pulse structure of big-footed myotis (*Myotis macrodactylus*) in response to different habitats. *Journal of the Acoustical Society of America* 135: 928-932.
33. Wang Zhiping, Duan Lijie, Sheng Lianxi, Wu Shuhong. 2014. Reutilization of cornstalk as matrix in bio-toilet. *Polish Journal Environment Studies* 23: 1289-1296.
34. Xu Jianling, Sheng Lianxi, Wang Hanxi, Liu Yuanyuan, Zhang Tian. 2014. 石油废物处置场周边土壤中多环芳烃的测定及评价. *Chinese Journal Analysis Chemistry* 42: 1513-1517.
35. Xu Jianling, Sheng Lianxi, Yan Zhenghong, Hong Lianjin. 2014. Blood lead and cadmium levels in children: A study conducted in Changchun, Jilin Province, China. *Pediatrics and Child Health* 19: 73-76.
36. Yi Kunpeng, Tani Hiroshi, Li Qiang, Zhang Jiquan, Guo Meng, Bao Yulong, Wang Xiufeng, Li Jing. 2014. Mapping and evaluating the urbanization process in Northeast China using DMSP/OLS nighttime light data. *Sensors* 14: 3207-3226.
37. Zhai Jiali, Sun Lei, Yu Hongwen, Li Haiyan, Zhang Xiaoxia, Yang Hongjun, Xu Jianling. 2014. A facile approach of fabricating graphene-encapsulated ZnO microspheres and their synergic effect on photocatalytic performance. *Journal of Nanoparticle Research* 16: 2433.
38. Zhang Qi, Zhang Jiquan, Jiang Liupeng, Liu Xingpeng, Tong Zhijun. 2014. Flood Disaster risk assessment of rural housings-A Case study of Kouqian Town in China. *International Journal of Environmental Research and Public Health* 11: 3787-3802.
39. Sun Zhongyi, Zhang Jiquan, Zhang Qi, Hu Yue, Yan Denghua, Wang Chunyi. 2014. Integrated risk zoning of drought and waterlogging disasters based on fuzzy comprehensive evaluation in Anhui Province, China. *Natural Hazards* 71: 1639-1657.
40. Zhang Qi, Zhang Jiquan, Wang Chunyi, Cui Liang, Yan Denghua. 2014. Risk early warning of maize drought disaster in Northwestern Liaoning Province, China. *Natural Hazards* 72: 701-710.
41. Zhang Qi, Zhang Jiquan, Yan Denghua, Wang Yongfang. 2014. Extreme precipitation events identified using detrended fluctuation analysis (DFA) in Anhui, China. *Theoretical and Applied*

-
- 42. Gao Lili, Lu Haiyan, Lin Haibo, Sun Xiuyun, Xu Jianling, Liu Dechen, Li Yang. 2014. KOH direct activation for preparing activated carbon fiber from polyacrylonitrile-based pre-oxidized fiber. *Chemical Research Chinese Universities* 30: 441-446.
 - 43. Zhu Suiyi, Xu Dongfang, Fang Shuai, Geng Zhi, Yang Xia. 2014. 太阳光响应型 $\text{Ag}_2\text{S}/\text{Ag}_3\text{PO}_4$ 复合材料的制备及催化降解水杨酸. *Chemical Journal Chinese Universities* 35: 1286-1292.
 - 44. Lin Shanshan, Jiang Jinsheng, Yi Xiangfei, Wang Le, Huo Mingxin. 2014. Decreasing excess biomass from municipal wastewater using an artificial food web system. *Journal of Environmental Engineering* 140: 04014017.
 - 45. Cong Qiao, Zhang Qian, Yuan Xing, Luo Chunqiu, Qu Jiao. 2014. Synthesis of nanomaterials from *Physalis alkekengi* L. and their removal of bisphenol A in water. *Journal of Environmental Engineering* 140: 04013006.
-

2013 年 SCI 检索论文

-
- 1. Su Fang, Ma Ling, Song Daiyu, Zhang Xianghuan, Guo Yihang. 2013. Design of a highly ordered mesoporous $\text{H}_3\text{PW}_{12}\text{O}_{40}/\text{ZrO}_2-\text{Si}(\text{Ph})\text{Si}$ hybrid catalyst for methyl levulinate synthesis. *Green Chemistry* 15: 885-890.
 - 2. Yang Yuxin, Guo Yingna, Liu Fangyuan, Yuan Xing, Guo Yihang, Zhang Shengqu, Guo Wan, Huo Mingxin. 2013. Preparation and enhanced visible-light photocatalytic activity of silver deposited graphitic carbon nitride plasmonic photocatalyst. *Applied Catalysis B-Environmental* 142: 828-837.
 - 3. Xu Lei, Zang Huimin, Zhang Qiang, Chen Ying, Wei Yongge, Yan Jinghui, Zhao Yahui. 2013. Photocatalytic degradation of atrazine by $\text{H}_3\text{PW}_{12}\text{O}_{40}/\text{Ag-TiO}_2$: Kinetics, mechanism and degradation pathways. *Chemical Engineering Journal* 232: 174-182.
 - 4. Sun Qian, Xie Hongbin, Chen Jingwen, Li Xuehua, Wang Zhuang, Sheng Lianxi. 2013. Molecular dynamics simulations on the interactions of low molecular weight natural organic acids with C_{60} . *Chemosphere* 92: 429-434.
 - 5. Zhang Xujia, Qin Weichao, He Jia, Wen Yang, Su Limin, Sheng Lianxi, Zhao Yuanhui. 2013. Discrimination of excess toxicity from narcotic effect: Comparison of toxicity of class-based organic chemicals to *Daphnia magna* and *Tetrahymena pyriformis*. *Chemosphere* 93: 397-407.
 - 6. He Jia, Qin Weichao, Zhang Xujia, Wen Yang, Su Limin, Zhao Yuanhui. 2013. Linear and nonlinear relationships between biodegradation potential and molecular descriptors/fragments for organic pollutants and a theoretical interpretation. *Science of the Total Environment* 444: 392-400.
 - 7. Lu Nan, Lu Ying, Liu Fangyuan, Zhao Kun, Yuan Xing, Zhao Yahui, Li Yuan, Qin Hongwei, Zhu Jia. 2013. $\text{H}_3\text{PW}_{12}\text{O}_{40}/\text{TiO}_2$ catalyst-induced photodegradation of bisphenol A (BPA): Kinetics, toxicity and degradation pathways. *Chemosphere* 91: 1266-1272.
 - 8. Chen Ling, Guo Wan, Yang Yuxin, Zhang Ang, Zhang Shengqu, Guo Yihang, Guo Yingna. 2013. Morphology-controlled preparation and enhanced simulated sunlight and visible-light photocatalytic activity of $\text{Pt/Bi}_5\text{Nb}_3\text{O}_{15}$ heterostructures. *Physical Chemistry Chemical Physics* 15: 8342-8351.
 - 9. Ma Ling, Su Fang, Guo Wan, Zhang Shengqu, Guo Yihang, Hu Jianglei. 2013. Epoxidation of styrene catalyzed by mesoporous propylthiol group-functionalized silica supported manganese (III) salen complexes with different pore morphologies. *Microporous and Mesoporous Materials*
-

10. Zhao Kun, Lu Ying, Lu Nan, Zhao Yahui, Yuan Xing, Zhang Hao, Teng Lianghui, Li Fu. 2013. Design of H₃PW₁₂O₄₀/TiO₂ nano-photocatalyst for efficient photocatalysis under simulated sunlight irradiation. *Applied Surface Science* 285: 616-624.
11. Liu Ying, Feng Jiang, Metzner Walter. 2013. Different auditory feedback control for echolocation and communication in horseshoe bats. *PLoS One* 8: e62710.
12. Yu Hongbin, Zhu Suiyi, Yang Xia, Wang Xinhong, Sun Hongwei, Huo Mingxin. 2013. Synthesis of coral-like tantalum oxide films via anodization in mixed organic-inorganic electrolytes. *PLoS One* 8: e66447 .
13. Sun Keping, Luo Li, Kimball Rebecca T., Wei Xuewen, Jin Longru, Jiang Tinglei, Li Guohong, Feng Jiang. 2013. Geographic Variation in the acoustic traits of greater horseshoe bats: testing the importance of drift and ecological selection in evolutionary processes. *PLoS One* 8: e70368.
14. Liu Ying, Metzner Walter, Feng Jiang. 2013. Vocalization during copulation behavior in greater horseshoe bats, *Rhinolophus ferrumequinum*. *Chinese Science Bulletin* 58: 2179-2184.
15. Qin Hongwei, Gao Qingdong, Niu Huiming, Wang Zhefeng, Zhu Xiaolin, Li Jinlian, Yuan Xing, Wu Dongmei. 2013. An in situ electrochemical detection method of cell viability. *Analyst* 138: 3372-3375.
16. Luo Jinhong, Jiang Tinglei, Lu Guanjun, Wang Liei, Wang Jing, Feng Jiang. 2013. Bat conservation in China: should protection of subterranean habitats be a priority? *Oryx* 47: 526-531.
17. Cong Qiao, Yuan Xing, Qu Jiao. 2013. A review on the removal of antibiotics by carbon nanotubes. *Water Science Technology* 68: 1679-1687.
18. Hage Steffen R., Jiang Tinglei, Berquist Sean W., Feng Jiang, Metzner Walter. 2013. Ambient noise induces independent shifts in call frequency and amplitude within the Lombard effect in echolocating bats. *Proceedings of the National Academy of Sciences of the United States of America* 110: 4063-4068.
19. Guo Liquan, Nezames Cynthia D., Sheng Lianxi, Deng Xingwang, Wei Ning. 2013. Cullin-ring ubiquitin ligase family in plant abiotic stress pathways. *Journal of Integrative Plant Biology* 55: 21-30.
20. Ji Guodong, He Chunguang, Tan Yufei. 2013. The spatial distribution of nitrogen removal functional genes in multimedia biofilters for sewage treatment. *Ecological Engineering* 55: 35-42.
21. Jiang Tinglei, Lu Guanjun, Sun Keping, Luo Jinhong, Feng Jiang. 2013. Coexistence of *Rhinolophus affinis* and *Rhinolophus pearsoni* revisited. *Acta Theriologica* 58: 47-53.
22. Jiang Tinglei, You Yuyan, Liu Sen, Lu Guanjun, Wang Lei, Wu Hui, Berquist Sean, Ho Jennifer, Puechmaille Sebastien J., Feng Jiang. 2013. Factors affecting geographic variation in echolocation calls of the endemic *Myotis davidii* in China. *Ethology* 119: 881-890.
23. Li Lei, Weiner Jacob, Zhou Daowei, Huang Yingxin, Sheng Lianxi. 2013. Initial density affects biomass-density and allometric relationships in self-thinning populations of *fagopyrum esculentum*. *Journal of Ecology* 101: 475-483.
24. Liu Xiaojing, Zhang Jiquan, Ma Donglai, Bao Yulong, Tong Zhijun, Liu Xingpeng. 2013. Dynamic risk assessment of drought disaster for maize based on integrating multi-sources data in the region of the northwest of Liaoning Province, China. *Natural Hazards* 65: 1393-1409.
25. Liu Xingpeng, Zhang Jiquan, Cai Weiying, Tong Zhijun. 2013. Assessing maize drought hazard for agricultural areas based on the fuzzy gamma model. *Journal of Integrative Agriculture* 12:

26. Lu Guanjun, Lin Aiqing, Luo Jinhong, Blondel Dimitri V., Meiklejohn Kelly A., Sun Keping, Feng Jiang. 2013. Phylogeography of the Rickett's big-footed bat, *Myotis pilosus* (Chiroptera: Vespertilionidae): a novel pattern of genetic structure of bats in China. BMC Evolutionary Biology. 13: 241.
27. Luo Bo, Jiang Tinglei, Liu Ying, Wang Jing, Lin Aiqing, Wei Xuewen, Feng Jiang. 2013. Brevity is prevalent in bat short-range communication. Journal of Comparative Physiology A-Neuroethology Sensory Neural and Behavioral Physiology 199: 325-333.
28. Sun Hongwei, Dong Long, Yu Hongbin, Huo Mingxin. 2013. Direct electrochemical oxidation and detection of hydrazine on a boron doped diamond (BDD) electrode. Russian Journal of Electrochemistry 49: 883-887.
29. Sun Keping, Luo Li, Zhang Zhenzhen, Liu Sen, Feng Jiang. 2013. Molecular characteristics and evolution of the mitochondrial control region in three genera (Hippotideridae: *Hipposideros*, *Aselliscus* and *Coelops*) of leaf-nosed bats. Mitochondrial DNA. 24: 451-461.
30. Wang Xiaoyu, Wang Yuhua, Zhang Zhuqing, Crowley David E., Liu Dongmei, Hao Lirui. 2013. 微生物降解体系中反-4-甲基-环己烷酸的气相色谱-质谱法测定. Chinese Journal Analysis Chemistry 41: 1111-1114.
31. Wang Ying, Feng Jiang, Lin Qianxin, Lyu Xianguo, Wang Xiaoyu, Wang Guoping. 2013. Effects of crude oil contamination on soil physical and chemical properties in momoge wetland of China. Chinese Geographical Science 23: 708-715.
32. Xu Jianling, Yang Jiaqi, Zhao Nan, Sheng Lianxi, Zhao Yuanhui, Tang Zhanhui. 2013. Evaluation of efficiency of aircraft liquid waste treatment and identification of daily inspection indices: a case study in Changchun, China. Environmental Monitoring and Assessment 185: 6063-6070.
33. Yi Kunpeng, Tani Hiroshi, Zhang Jiquan, Guo Meng, Wang Xiufeng, Zhong Guosheng. 2013. Long-term satellite detection of post-fire vegetation trends in boreal forests of China. Remote Sensing 5: 6938-6957.
34. Zhang Qi, Zhang Jiquan, Yan Denghua, Bao Yulong. 2013. Dynamic risk prediction based on discriminant analysis for maize drought disaster. Natural Hazards 65: 1275-1284.
35. Bian Hongfeng, Zhang Hongyan, Zhou Daowei, Xu Jiawei, Zhang Zhengxiang. 2013. Integrating models to evaluate and map grassland fire risk zones in Hulunbuir of Inner Mongolia, China. Fire Safety Journal 61: 207-216.
36. Bao Yulong, Zhang Jiquan, Liu Xiaojing, Wang Yongfang, Ma Donglai, Sun Zhongqiu. 2013. 受风灾影响后的农作物冠层反射信息测量与分析. Spctroscopy and Spectral Analysis 33: 1-4.