

## 2019年SCI (E) 论文检索

1. Yangyuxin,Huan,Wangxinyue,Mengjiaqi,Guoyixing,Huomingxin,Zhusuiyi\*.2019.Nanopore enriched hollow carbon nitride nanospheres with extremely high visible-light photocatalytic activity in the degradation of aqueous contaminants of emerging concern.CATALYSIS SCIENCE & TECHNOLOGY.9,2:355-365.
2. Wangrui,Zhangjiquan\*,Guodongliang,Alusi,Lidanjun,Hasi,Dongzhenhua.2019.Integrated drought risk assessment of multi-hazard-affected bodies based on copulas in the Taoerhe Basin, China.THEOR APPL CLIMATOL.135,1-2:577-592.
3. Jiangtinglei,Guoxiong,Linaiqing,Wuhui,Suncongnan,Fengjiang\*,Jagmeet S Kanwal\*\*.2019.Bats increase vocal amplitude and decrease vocal complexity to mitigate noise interference during social communication.ANIM COGN.22,2:199-212.
4. Wangshuo,Yanlichen,Zhengshanshan,Litiantian,Fanlingyun,Huangtao,Lichao\*,Zhaoyuanhui\*\*.2019.Toxicity of some prevalent organic chemicals to tadpoles and comparison with toxicity to fish based on mode of toxic action.ECOTOX ENVIRON SAFE.167,138-145.
5. Wangxinyue,Mengjiaqi,Yangxia,Huan,Yangyuxin\*\*,Guoyixing\*.2019.Fabrication of a Perylene Tetracarboxylic Diimide-Graphitic Carbon Nitride Heterojunction Photocatalyst for Efficient Degradation of Aqueous Organic Pollutants.ACS APPLIED MATERIALS & INTERFACES.11,588-602.
6. Zhangyanan,Zhaojianchen,Zhouyangjian,Qujiao\*,Chenjingwen,Lichao,Qinweichao,Zhaoyahui,Willie Jgmpeijnenburg.2019.Combine d effects of dissolved organic matter, pH, ionic strength and halides on photodegradation of oxytetracycline in simulated estuarine waters.ENVIRONMENTAL SCIENCE-PROCESSES & IMPACTS.21,1:155-162.
7. Wangyaqi,Lunan,Luomin,Fanlingyun,Zhaokun,Qujiao,Guanjunian\*,Yuanxing\*\*.2019.Enhancement mechanism of fiddlehead-shaped TiO<sub>2</sub>-BiVO<sub>4</sub> type II heterojunction in SPEC towards RhB degradation and detoxification.APPL SURF SCI.463,234-243.
8. Songdaiyu,Zhangpanpan,Sunyingnan,Zhangqingqing,Guoyixing\*.2019.Design of periodic mesoporous sulfonic acid and titanium bi-functionalized alkyl-bridged organosilica hybrid catalysts for efficient synthesis of ethyl levulinate.MICROPOR MESOPOR MAT.279,352-363.
9. Nangwarekajamsofe,Shenglianxi\*,Jameslyimo.2019.Land Use Change Trends and Their Driving Forces in the Kilombero Valley Floodplain,Southeastern Tanzania.SUSTAINABILITY.11,2:11020505-1-25.
10. Zhusuiyi,Suijun,Liuyan,Yeshufeng,Wangchuanxing,Huomingxin,Yuyang\*.2019.Effects of Washing, Autoclaving, and Surfactants on the Enzymatic Hydrolysis of Negatively Valued Paper Mill Sludge for Sugar Production.ENERG FUEL.33,2:1219-1226.
11. Zhangqingqing,Zhangchaoyue,Sunyingnan,Guoyixing\*,Songdaiyu\*\*.2019.Hierarchically porous Bronsted acidic ionic liquid functionalized nitrogen-doped carbons for pyrolysis biofuel upgrading via esterification of acetic acid with high boiling point alcohols.APPL CATAL A-GEN.574,10-24.
12. Yuhongbin,Gedan,Wangying,Zhusuiyi,Wangxinhong\*\*,Huomingxin,Luying\*.2019.Facile synthesis of Bi-modified Nb-doped oxygen defective BiOCl microflowers with enhanced visible-light-driven photocatalytic performance.J ALLOY COMPD.786,155-162.
13. Zhangdan,Liyiming,Gaoyinuo,Mbagebawa,Huomingxin\*\*\*,Wangxiaohong\*\*,Zhusuiyi\*.2019.Fast degradation of phthalate acid esters by polyoxometalate nanocatalysts through adsorption, esterolysis and oxidation.J HAZARD MATER.368,788-796.
14. Zhaoxin,Jiangtinglei\*,Liuhsing,Wangyuzhe,Liuying,Fengjiang.2019.Acoustic signalling of aggressive intent in the agonistic encounters of female Asian particoloured bats.ANIM BEHAV.149,65-75.
15. Fuliang,Baiyanan,Luyongze,Dingjing,Zhoudandan,Zengjianxiong\*.2019.Degradation of organic pollutants by anaerobic methane-oxidizing microorganisms using methyl orange as example.J HAZARD MATER.364,264-271.
16. Fuliang,Zhangfang\*\*,Baiyanan,Luyongze,Dingjing,Zhoudandan,Liuyue,Zengjianxiong\*.2019.Mass transfer affects reactor performance, microbial morphology, and community succession in the methane-dependent denitrification and anaerobic ammonium oxidation co-culture.SCI TOTAL ENVIRON.651,291-297.
17. Guanjunian,Wangjia,Wangzirui,Zhuangjiahui,Dongdeming,Luomin,Lunan\*,Yuanxing\*\*.2019.Comparison of Pb.II, Cu.II, Cd.II, and Ni.II adsorption onto surficial sediment components from aquatic environments in the Phaeozem zone of Northeast China.J GEOCHEM EXPLOR.197,220-227.
18. Zhangzhacheng,Hedongyang,Liuhaiyang,Renmiao,Zhangyanan\*,Qujiao\*\*,Lunan,Guanjunian,Yuanxing.2019.Synthesis of graphene/black phosphorus hybrid with highly stable P-C bond towards the enhancement of photocatalytic activity.ENVIRON POLLUT.245,950-956.
19. Tongsiqin,Lixiangqian,Zhangjiquan\*,Baoyuhai,Baoyongbin,Lina,Alusi.2019.Spatial and temporal variability in extreme temperature and precipitation events in Inner Mongolia ,China during 1960-2017.SCI TOTAL ENVIRON.649,75-89.
20. Wanghanxi,Xujianling\*,Shenglianxi.2019.Study on comprehensive utilization of city kitchen waste as a resource in China.ENERGY.173,263-277.
21. Liuxingpeng,Zhangguangquan\*,Lujie,Zhangjiquan\*\*.2019.Risk assessment using transfer learning for grassland fires.AGR FOREST METEOROL.269-270,102-111.
22. Yangxia,Qixin,Maguoqiang,Lichaoyang,Liuqian,Sarakhan,Zhaoyongjie,Zhangleilei,Gengzhi\*,Guoyingna\*\*.2019.Novel Z-Scheme Ag/TiO<sub>2</sub>/AgMIL-101.Cr as an efficient photocatalyst for nitrogen production from nitrate.APPL SURF SCI.479,1048-1056.
23. Cuixiaochun\*,Chencongli,Liuyinglu,Zhoudandan\*\*,Liumengyuan.2019.Exogenous refractory protein enhances biofilm formation by altering the quorum sensing system: A potential hazard of soluble microbial proteins from WWTP effluent.SCI TOTAL ENVIRON.667,384-389.
24. Lichao,Zhengshanshan,Litiantian,Chenjingwen,Zhoujunhui,Sulimin,Zhangyanan,Johnccrittenden,Zhusuiyi,Zhaoyuanhui\*.2019.Quantitative Structure-Activity Relationship Models for Predicting Reaction Rate Constants of Organic Contaminants with Hydrated Electrons and Their Mechanistic Pathways.WATER RES.151,468-477.
25. Huangning,Maojuan,Humingzhong,Wangxiaoyu\*,Huomingxin.2019.Responses to copper stress in the metal-resistant bacterium Cupriavidus gilardii CR3: a whole-transcriptome analysis.J BASIC MICROB.59,5:446-457.
26. Wangzhaojun,Zhanggang\*,Chenxiaobing,Zhaoqiaojing,Wangweiying,Shenglianxi,Bianhongfeng,Lizhenxin,Wangdeli.2019.Measurement and Scaling of Mercury on Soil and Air in a Historical Artisanal Gold Mining Area in Northeastern China.CHINESE GEOGRAPHICAL SCIENCE.29,2:245-257.

27. Lunan,Wangyaqi,Luomin,Qujiao,Guanjiunian\*,Yuanxing\*\*.2019.Simulated study on the degradation of mono- and bi-component dye wastewater by TiO<sub>2</sub>/H3PW12O<sub>40</sub> film excited under solar-like radiation.POL J ENVIRON STUD.28,3:1805-1812.
28. Gengzhi,Yangmin,Qixin,Lichaoyang,Yangxia\*,Huomingxin,Johnccrittenden\*\*.2019.Co<sub>3</sub>.PO<sub>42</sub>/Ag3PO<sub>4</sub> with enhanced simulated sunlight photocatalytic activity toward ofloxacin degradation and mechanism insight.J CHEM TECHNOL BIOT.94,1660-1669.
29. Baoyongbin,Wangfei,Tongsiqin,Lina,Aruhan,Zhangjiquan\*,Baoyuhai,Hanyunqi,Zhangqiumei.2019.Effect of Drought on Outbreaks of Major Forest Pests,Pine Caterpillars .Dendrolimus spp., in Shandong Province, China.FORESTS.10,3:264-1-16.
30. Suncongnan,Zhangchunmian,Guhao,Jiangtinglei\*,Fengjiang\*\*.2019.Self-assessment strategy during contest decisions between male Great Himalayan leaf-nosed bats.BEHAVIORAL ECOLOGY AND SOCIOBIOLOGY.73,45-1-12.
31. Zhangshengnan,Sulimin\*,Zhangxujia,Lichao,Qinweichao,Zhangdongmei,Liangxiaoxia,Zhaoyuanhui\*\*.2019.Combined Toxicity of Nitro-Substituted Benzenes and Zinc to Photobacterium Phosphoreum:Evaluation and QSAR Analysis.INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH.16,6:16061041-1-12.
32. Gengzhi,Wangxinyu,Jianghongchuan,Zhangleilei,Chenzhitong,Fengyong,Gengwenzhe,Yangxia\*,Huomingxin,Sunjing.2019.High-Performance TiO<sub>2</sub> Nanotubes/Poly.aryl ether sulfone Hybrid Self-Cleaning Anti-Fouling Ultrafiltration Membranes.POLYMERS.11,3:11030555-1-18.
33. Mengjiaqi,Wangxinyue,Yangxia,Huan,Guoyixing\*,Yangyuxin\*\*.2019 Enhanced gas-phase photocatalytic removal of aromatics over direct Z-scheme-dictated H3PW12O<sub>40</sub>/g-C3N4 film-coated optical fibers.APPL CATAL B-ENVIRON.251,168-180.
34. Caoyonghong,Wangdeli\*,Mikkoheino,Lixincheng,Zhuhui,Liujuan,Zouxuehui.2019.Fine-scale characteristics of the boundaries between annual patches and perennial patches in a meadow steppe.LANDSCAPE ECOL.34,4:811-825.
35. Huangning,Maojuan,Zhaoyan,Humingzhong,Wangxiaoyu\*.2019.Multiple Transcriptional Mechanisms Collectively Mediate Copper Resistance in Cupriavidus gilardii CR3.ENVIRON SCI TECHNOL.53,8:4609-4618.
36. Liusicheng,Sunshijun\*.2019.Combined QSAR/QSPR, Molecular Docking, and Molecular Dynamics Study of Environmentally Friendly PBDEs with Improved Insulating Properties.CHEM RES CHINESE U.35,3:478-484.
37. Zhusuiyi,Linxue,Dongge,Yuyang,Yuhongbin\*,Biandejun,Zhanglanhe,Yangjiakuan,Wangxianze,Huomingxin.2019.Valueization of manganese-containing groundwater treatment sludge by preparing magnetic adsorbent for Cu.II adsorption.J ENVIRON MANAGE.236,446-454.
38. Wangying,Yuhongbin\*,Luying,Qujiao,Zhusuiyi\*\*,Huomingxin.2019.A nano-composite comprised of Ti3+-doped TiO<sub>2</sub> nanotubes and Ag3PO<sub>4</sub> quantum dots with enhanced photocatalytic activity under visible light.MATER LETT.240,35-38.
39. Huangtao,Zhudi,Yangyi,Huangyu,Zhangshengnan,Qinweichao,Lichao\*,Zhaoyuanhui\*\*.2019.Theoretical consideration on the prediction of in vivo toxicity from in vitro toxicity: Effect of bio-uptake equilibrium, kinetics and mode of action.CHEMOSPHERE.221,433-440.
40. Dongwenqing,Liangkun,Qinyan,Mahujiya,Zhaoxuan,Zhangleilei\*,Zhusuiyi\*\*,Yuyang,Biandejun,Yangjiakuan.2019.Hydrothermal Conversion of Red Mud into Magnetic Adsorbent for Effective Adsorption of Zn.II in Water.APPLIED SCIENCES-BASEL.9,8:9081519-1-15.
41. Zhaobin,Yuhongbin\*,Luying,Qujiao,Zhusuiyi\*\*,Huomingxin.2019.Polyethylene glycol assisted synthesis of a praseodymium-doped PbO<sub>2</sub> electrode and its enhanced electrocatalytic oxidation performance.JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS.100,144-150.
42. Luyue,Xujianling\*,Wanghanxi,Liuxuejun,Liwei.2019.Distribution, sources and health risk assessment of contaminations in water of urban park: A case study in Northeast China.ENVIRON GEOCHEM HLTH.41,6:2473-2489.
43. Xiaoyanhong\*,Xiaoguohong,Liuhsing,Zhaoxin,Suncongnan,Tanxiao,Sunkeping,Liuren,Fengjiang\*\*.2019.Captivity causes taxonomic and functional convergence of gut microbial communities in bats.PEERJ.7,6844-1-20.
44. Changyang,Songshengjing,Liaoqiang,Zhangyu,Lizhongle,Xiaoyanhong,Jiangtinglei,Fengjiang\*\*,Linaiqing\*.2019.The roles of morphological traits, resource variation and resource partitioning associated with the dietary niche expansion in the fish-eating bat Myotis pilosus.MOL ECOL.28,11:2944-2954.
45. Hanlina,Zhangjiquan\*,Zhangyichen,Maqing,Alusi,Langqiling.2019.Hazard Assessment of Earthquake Disaster Chains Based on a Bayesian Network Model and ArcGIS.ISPRS INTERNATIONAL JOURNAL OF GEO-INFORMATION.8,5:8050210-1-15.
46. Chendai,Baixueyuan,Yangtao,Zoulifang,Liuzhisheng,Wangzhongqiang\*\*,Hechunguang\*.2019.A Preliminary Study on A Novel Water Treatment Pond Design Using Dredged Sediment, Shrub, Willow and Recycling Hand Pumps for the Restoration of Water Pollution.WATER.11,5:11050972-1-11.
47. Wanghanxi,Xujianling\*,Shenglianxi\*\*,Liuxuejun\*\*\*,Zongmeihan,Yaodifu.2019.Anaerobic Digestion Technology for Methane Production Using Deer Manure Under Different Experimental Conditions.ENERGIES.12,9:12091819-1-21.
48. Fuliang,Liqingcheng,Yange,Zhoudandan\*,Johnccrittenden.2019.Hormesis effects of phosphorus on the viability of Chlorella regularis cells under nitrogen limitation.BIOTECHNOLOGY FOR BIOFUELS.12,121-1-9.
49. Gaoyue,Dongyutong,Fanwei\*,Guotiantian,Huomingxin,Yangwu,Zhusuiyi,Anwengang.2019.Intensifying ozonation treatment of municipal secondary effluent using a combination of microbubbles and ultraviolet irradiation.ENVIRON SCI POLLUT R.26,21:21915-21924.
50. Zhaojing,Likaiwei,Wangrui,Tongzhijun\*,Zhangjiquan\*\*.2019.Yield Data Provide New Insight into the Dynamic Evaluation of Maize's Climate Suitability: A Case Study in Jilin Province, China.ATMOSPHERE.10,6:1006305-1-16.
51. Zhangfeng,Chenyanan,Zhangjiquan\*,Guodongliang,Wangrui,Lidanjun.2019.Dynamic drought risk assessment for maize based on crop simulation model and multi-source drought indices.J CLEAN PROD.233,100-114.
52. Yiman,Zhangjiquan\*.2019.Analyzing Municipal Solid Waste Treatment Scenarios in Rapidly Urbanizing Cities in Developing Countries: The Case of Dar es Salaam, Tanzania.INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH.16,11:16112035-1-21.
53. Maqing,Hanlina,Zhangjiquan\*,Zhangyichen,Langqiling,Lifengxu,Aruhan,Baoyongbin,Likaiwei,Alusi.2019.Environmental Risk Assessment of Metals in the Volcanic Soil of Changbai Mountain.INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH.16,11:16112047-1-17.
54. Yuyangyang,Zhuxiaolin,Wuguanlan,Wangchengzhi,Yuanxing\*.2019.Analysis of antibiotic resistance of Escherichia coli isolated from the Yitong River in North-east China.FRONTIERS OF ENVIRONMENTAL SCIENCE & ENGINEERING.13,3:39-1-9.

55. Liutong,Sunkeping\*,Zhangkangkang,Zhanglin,Zhaohanbo,Jinlongru,Vudinhthong,Xiaoyanhong,Fengjiang\*\*.2019.Species delimitation and evolutionary reconstruction within an integrative taxonomic framework: A case study on *Rhinolophus macrotis* complex .*Chiroptera: Rhinolophidae.**MOL PHYLOGENET EVOL.*139,106544-1-14.
56. Yuyang,Fabricendayisenga,Yuzhisen,Zhaomingyue,Chyi-Howlay,Zhoudandan\*.2019.Co-substrate strategy for improved power production and chlorophenol degradation in a microbial fuel cell.*INT J HYDROGEN ENERG.*44,36:20312-20322.
57. Wangrui,Zhangjiquan\*,Guodongliang\*\*,Zhaochunli,Caotiehua.2019.Spatial and temporal variations of precipitation concentration and their relationships with large-scale atmospheric circulations across Northeast China.*ATMOS RES.*222,62-73.
58. Lvjing,Xujianling\*,Wanghanxi\*\*,Liwei,Liuxuejun\*\*\*,Yaodifu,Luyue,Zhengxiaoqiu.2019.Study on ecological protection and rehabilitation technology of a reservoir-type water source in the northeastern region of China.*HUM ECOL RISK ASSESS.*25,7:1802-1815.
59. Zhouyangjian,Zhaojianchen,Zhangyanan\*,Qujiao\*\*,Lichao,Qinweichao,Zhaoyahui,Chenjingwen,Williegmpeijnenburg.2019.Trace amounts of fenofibrate acid sensitize the photodegradation of bezafibrate in effluents: Mechanisms, degradation pathways, and toxicity evaluation.*CHEMOSPHERE.*235,900-907.
60. Zhaojenjun,Qujiao,Zhouyangjian,Zhaojianchen,Fengyong,Guocucui,Luying,Zhaoyahui,Williegmpeijnenburg,Zhangyanan\*.2019.C ontinuous flow electrosorption-microbial fuel cell system for efficient removal of oxytetracycline without external electrical supply.*BIORESOURCE TECHNOL.*290,121751-1-8.
61. Yuyangyang,Wuguanlan,Wangchengzhi,Lunan,Yuanxing\*\*,Zhuxiaolin\*.2019.Pollution characteristics of antibiotics and antibiotic resistance of coliform bacteria in the Yitong River, China.*ENVIRON MONIT ASSESS.*191,8:516-1-13.
62. Fanwei,Zhouzhao,Wangwanting,Huomingxin,Zhangleilei\*,Zhusuiyi\*\*,Yangwu,Wangxianze.2019.Environmentally friendly approach for advanced treatment of municipal secondary effluent by integration of micro-nano bubbles and photocatalysis.*J CLEAN PROD.*237,10:117828-1-8.
63. Wangyue,Chencongli,Zhoudandan\*,Xionghoufeng,Zhouyihan,Dongshuangshi,Bruceerittmann.2019.Eliminating partial-transformation products and mitigating residual toxicity of amoxicillin through intimately coupled photocatalysis and biodegradation.*CHEMOSPHERE.*237,124491-1-7.
64. Gengwenzhe,Jianghongchuan,Yangxia,Fengyong,Wangxinyu,Gengzhi\*,Huomingxin.2019.Self-cleaning Anti-fouling TiO<sub>2</sub>/Poly.aryl ether sulfone Composite Ultrafiltration Membranes.*CHEM RES CHINESE U.*35,4:714-720.
65. Fanlingyun,Zhudi,Yangyi,Huangyu,Zhangshengnan,Yanlichen,Wangshuo,Zhaoyuanhui\*.2019.Comparison of modes of action among different trophic levels of aquatic organisms for pesticides and medications based on interspecies correlations and excess toxicity: Theoretical consideration.*ECOTOX ENVIRON SAFE.*177,8:25-31.
66. Guoqing,Wangrui,Tongzhijun,Liuxingpeng,Zhangjiquan\*.2019.Dynamic Evaluation and Regionalization of Maize Drought Vulnerability in the Midwest of Jilin Province.*SUSTAINABILITY.*11,15:11154234-1-21.
67. Sunyingnan,Zhangqingqing,Zhangchaoyue,Liujingyu,Guoyixing\*,Songdaiyu\*\*.2019.In Situ Approach to Dendritic Fibrous Nitrogen-Doped Carbon Nanospheres Functionalized by Bronsted Acidic Ionic Liquid and Their Excellent Esterification Catalytic Performance.*ACS SUSTAINABLE CHEMISTRY & ENGINEERING.*7,17:15114-15126.
68. Xingyi,Wuguanlan,Maying,Yuyangyang,Yuanxing\*\*,Zhuxiaolin\*.2019.Electrochemical detection of bisphenol B based on poly.Prussian blue/carboxylated multiwalled carbon nanotubes composite modified electrode.*MEASUREMENT.*148,106940-1-7.
69. Wanghanxi,Xujianling\*,Liuxuejun,Zhangdi,Lilongwei,Liwei,Shenglianxi.2019.Effects of long-term application of organic fertilizer on improving organic matter content and retarding acidity in red soil from China.*SOIL TILL RES.*195,104382-1-9.
70. Lilu,Yangliu,Jiangliyan,Wangzirui,Wujiakun,Lunan\*,Qujiao\*\*.2019.Photocatalytic degradation of multiple chlorophenols as simulated environmental pollutants in TiO<sub>2</sub>/H3PW12O40/Ag composite film system.*APPLIED ECOLOGY AND ENVIRONMENTAL RESEARCH.*17,6:12973-12983.
71. Wujinghui,Lixiangyu,Yingzhian,Wangchi,Yangwu,Huomingxin,Laijihou,Wangxianze\*.2019.Application of Cold Region Regenerable Biomass in Phosphorus Adsorption in Reclaimed Water.*WATER.*11,9:11091851-1-13.
72. Guodongge,Luobo,Zhangkangkang,Liumuxun,Waltermetzner,Liuying\*,Fengjiang\*\*.2019.Social vocalizations of big-footed myotis .*Myotis macrodactylus* during foraging.*INTEGRATIVE ZOOLOGY.*14,446-459.
73. Luying,Jinghaochuan,Yuhongbin,Zhaoyahui,Liyi,Huomingxin,Zhusuiyi\*,Johnccrittenden.2019 Enhanced catalytic performance of BiVO<sub>4</sub>/Pt under the combination of visible-light illumination and ultrasound waves.*JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS.*102,133-142.
74. Hanlina,Maqing,Zhangfeng,Zhangyichen,Zhangjiquan\*,Baoyongbin,Zhaojing.2019.Risk Assessment of An Earthquake-Collapse-Landslide Disaster Chain by Bayesian Network and Newmark Models.*INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH.*16,18:1618330-1-17.
75. Liusicheng,Sunshijun\*,Cuipeng,Dingyifan.2019.Molecular Modification of Fluoroquinolone-Biodegrading Enzymes Based on Molecular Docking and Homology Modelling.*INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH.*16,18:16183407-1-33.
76. Zhaohanbo,Wanghui,Liutong,Liuren,Jinlongru,Huangxiaobin,Daiwentao,Sunkeping\*,Fengjiang\*\*.2019.Gene expression vs. sequence divergence:comparative transcriptome sequencing among natural *Rhinolophus ferrumequinum* populations with different acoustic phenotypes.*FRONTIERS IN ZOOLOGY.*16,37-1-15.
77. Quzhuan,Wuyaqiong,Zhusuiyi\*\*,Yuyang,Huomingxin,Zhangleilei\*,Yangjiakuan,Biandejun,Wangyi.2019.Green Synthesis of Magnetic Adsorbent Using Groundwater Treatment Sludge for Tetracycline Adsorption.*ENGINEERING.*5,880-887.
78. Luying,Chuycung,Zhengwenzhuo,Huomingxin,Huohongliang,Qujiao,Yuhongbin\*,Zhaoyahui\*\*.2019.Significant tetracycline hydrochloride degradation and electricity generation in a visible-light-driven dual photoelectrode photocatalytic fuel cell using BiVO<sub>4</sub>/TiO<sub>2</sub> NT photoanode and Cu<sub>2</sub>O/TiO<sub>2</sub> NT photocathode.*ELECTROCHIM ACTA.*320,134617-1-11.
79. Wangrui,Zhaochunli\*\*,Zhangjiquan\*,Guodongliang\*\*\*,Lidanjun,Alusi,Hasi,Dongzhenhua.2019.Bivariate copula function-based spatial-temporal characteristics analysis of drought in Anhui Province, China.*METEOROL ATMOS PHYS.*131,5:1341-1355.
80. Xiaoguohong,Liuren,Xiaoyanhong\*,Zhuyue,Zhaohanbo,Liaoqiang,Lizhongle,Fengjiang\*\*.2019.Seasonal changes in gut microbiota diversity and composition in the greater horseshoe bat.*FRONTIERS IN MICROBIOLOGY.*10,2247-1-12.

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81. Jiangtinglei,Wangjing,Wuhui,Gaborcsorba,Sebastienjpuechmaille,Petrbenda,Josselinboireau,Robertotoffoli,Jean-Yvescourtois,Pierrettenyssen,Raphaelcolombo,Fengjiang\*.2019.The patterns and possible causes of global geographical variation in the body size of the greater horseshoe bat .*Rhinolophus ferrumequinum*.J BIOGEOGR.46,10:2363-2377.
82. Ariguna,Zhangjiquan\*,Tongsiqin,Baoyongbin,Aruhan,Likaiwei.2019.Effect of Climate Change on Maize Yield in the Growing Season: A Case Study of the Songliao Plain Maize Belt.WATER.11,10:11102108-1-23.
83. Hanlina,Zhangjiquan\*,Zhangyichen,Langqulind.2019.Applying a Series and Parallel Model and a Bayesian Networks Model to Produce Disaster Chain Susceptibility Maps in the Changbai Mountain area,China.WATER.11,10:11102144-1-17.
84. Jinlaquan,Zhangjiquan\*,Wangruoyu,Zhangminghua,Baoyuhai,Guodongliang,Wangyongfang.2019.Analysis for Spatio-Temporal Variation Characteristics of Droughts in Different Climatic Regions of the Mongolian Plateau Based on SPEI.SUSTAINABILITY.11,20:11205767-1-21.
85. Zhangyu,Linaiqing\*,Dingjianan,Yangxinyao,Jiangtinglei,Liuying\*\*,Fengjiang.2019.Performance of Doppler shift compensation in bats varies with species rather than with environmental clutter.ANIM BEHAV.158,109-120.
86. Songshengjing,Linaiqing\*,Jiangtinglei,Zhaoxin,Waltermetzner,Fengjiang\*\*.2019.Bats adjust temporal parameters of echolocation pulses but not those of communication calls in response to traffic noise.INTEGRATIVE ZOOLOGY.14,6:576-588.
87. Yuxiaofei,Guojiawei,Lvxianguo,Wangguoping,Jiangming,Zouyuanchun\*.2019.Comparative analyses of wetland plant biomass accumulation and litter decomposition subject to in situ warming and nitrogen addition.SCI TOTAL ENVIRON.691,15:769-778.
88. Songshihui,Songyinghao,Shimengdi,Huzheng,Litianyu,Linshanshan\*.2019.Transport and numerical simulation of Cu<sup>2+</sup> in saturated porous medium in the presence of magnetic nanoparticles.ENVIRON SCI POLLUT R.26,35:35827-35837.
89. Zhusuiyi,Wen,Huoyang,Chenyu,Quzhan,Yuyang,Wangzhihua,Fanwei\*,Pengjuwei\*\*,Wangzhao Feng.2019.Addition of MnO<sub>2</sub> in synthesis of nano-rod erdite promoted tetracycline adsorption.SCIENTIFIC REPORTS.9,16906-1-12.
90. Luobo,Leithleiser-Miller,Sharleneesantana\*\*,Zhanglin,Liutong,Xiaoyanhong,Liuying,Fengjiang\*.2019.Echolocation call divergence in bats: a comparative analysis.BEHAVIORAL ECOLOGY AND SOCIOBIOLOGY.73,154-1-12.
91. Wangchi,Yingzhian,Mamin,Huomingxin\*\*,Yangwu\*.2019.Degradation of Micropollutants by UV-Chlorine Treatment in Reclaimed Water: pH Effects, Formation of Disinfectant Byproducts, and Toxicity Assay.WATER.11,12:11122639-1-11.
92. Bianrui,Zhujunna,Chenyu,Yuyang,Zhusuiyi\*,Zhangleilei,Huomingxin.2019.Resource recovery of wastewater treatment sludge: synthesis of a magnetic cancrinite adsorbent.RSC ADVANCES.9,62:36248-36255.
93. Linxue,Quzhan,Chenyu,Jinruinan,Suting,Yuyang,Zhusuiyi\*,Huomingxin,Pengjuwei,Wangzhao Feng.2019.A novel application of hematite precipitation for high effective separation of Fe from Nd-Fe-B scrap.SCIENTIFIC REPORTS.9,18362-1-8.
94. Quzhan,Suting,Chenyu,Linxue,Yuyang,Zhusuiyi\*,Xieinfeng,Huomingxin.2019.Effective enrichment of Zn from smelting wastewater via an integrated Fe coagulation and hematite precipitation method.FRONTIERS OF ENVIRONMENTAL SCIENCE & ENGINEERING.13,6:94-1-9.
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