

资源环境学院2020年1-4月论文发表情况表 (SCI)

序号	作者	论文题目	刊物名称	刊物级别
1	Tao Jiang*, Dingyong Wang, Bo Meng, Jinshu Chi, Hjalmar Laudon, Jiang Liu	The concentrations and characteristics of dissolved organic matter in high-latitude lakes determine its ambient reducing capacity	Water Research	国外A1
2	Qi Le, Pokharel Prem, Ni Chengsheng, Gong Xiaoqiang, Zhou Peng, Niu Haidong, Wang*, Zifang, Gao Ming*	Biochar changes thermal activation of greenhouse gas emissions in a rice-lettuce rotation microcosm experiment	Journal of Cleaner Production	国外A1
3	Wang, X.Z., Liu, B., Wu, G., Sun, Y.X., Guo, X.S., Jin, G.Q., Jin, Z.H., Zou, C.Q., Chadwick, Dave., Chen, X.P*	Cutting carbon footprints of vegetable production with integrated soil - crop system management: A case study of greenhouse pepper production	Journal of Cleaner Production	国外A1
4	Wang J. Zhang L. He XH. Zhang YQ. Chen XP, Shi XJ*	Environmental mitigation potential by improved nutrient managements in pear ( <i>Pyrus pyrifolia</i> L.) orchards based on the life cycle assessment: A case study in North China Plain	Journal of Cleaner Production	国外A1
5	Lu Chensheng*, Chang Chi-Hsuan, Lemos Bernardo, Zhang Quan, MacIntosh David	Mitochondrial dysfunction: A plausible pathway for honeybee colony collapse disorder	Environ Sci Technol Letters	国外A1
6	Liang Yinkun, Wang Qinghua, Huang Lei*, Liu Maolin, Wang Ning, Chen Yucheng	Insight into the mechanisms of biochar addition on pollutant removal enhancement and nitrous oxide emission reduction in subsurface flow constructed wetlands: Microbial community structure, functional genes and enzyme activity.	Bioresource Technology	国外A1
7	Xuejiao Huang, Yaxin Wang, Jiupai Ni, Deti Xie, Zhenlun Li*	Metal oxide nanoparticles resonate to ammonium removal through influencing Mg <sup>2+</sup> absorption by <i>Pseudomonas putida</i> Y-9	Bioresource Technology	国外A1
8	Zhenshan Liu, Bin Hu*, Tina L. Bell, Emmanouil Flemetakis, Heinz Rennenberg	Significance of mycorrhizal associations for the performance of N <sub>2</sub> -fixing Black Locust ( <i>Robinia pseudoacacia</i> L.)	Soil Biology and Biochemistry	国外A1

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序号	作者	论文题目	刊物名称	刊物级别
9	Deliang Yin, Yongmin Wang*, Yuping Xiang, Qinqin Xu, Qing Xie, Cheng Zhang, Jiang Liu, Dingyong Wang*	Production and migration of methylmercury in water-level-fluctuating zone of the Three Gorges Reservoir, China: Dual roles of flooding-tolerant perennial herb	Journal of Hazardous Materials	国外A1
10	He Tengxia, Xie Deti*, Ni Jiupai, Li Zhu, Li Zhenlun*	Characteristics of nitrogen transformation and intracellular nitrite accumulation by the hypothermia bacterium <i>Arthrobacter arilaitensis</i>	Science of the Total Environment	国外A1
11	He MJ*, Lu JF, Wang J, Wei SQ. Hageman Kimberly J.	Hageman Kimberly J. Phthalate esters in biota, air and water in an agricultural area of western China, with emphasis on bioaccumulation and human exposure	Science of the Total Environment	国外A1
12	Wang Xun*, Luo Ji, Lin Chen, Wang Dingyong, Yuan Wei	Elevated cadmium pollution since 1890s recorded by forest chronosequence in deglaciated region of Gongga, China	Environmental pollution	国外A1
13	Bai Hongcheng, Luo Mei, Wei Shiqiang*, Jiang Zhenmao, He Mingjing	The vital function of humic acid with different molecular weight in controlling Cd and Pb bioavailability and toxicity to earthworm ( <i>Eisenia fetida</i> ) in soil	Environmental Pollution	国外A1
14	Gan Fengling, He Binghui*, Qin Ziyang	Hydrological response and soil detachment rate from dip/anti-dip slopes as a function of rock strata dip in karst valley revealed by rainfall simulations	Journal of Hydrology	国外A1
15	Liu Na, Jiang Zhenmao, Li Xiong, Liu Hanyi, Li Na, Wei Shiqiang*	Mitigation of Rice Cadmium (Cd) Accumulation by Joint Application of Organic Amendments and Selenium (Se) in High-Cd-Contaminated Soils	Chemosphere	国外A1
16	Jun Luo, Jinglin Deng, Lili Cui, Peng Chang, Xianzhu Dai, Caiyun Yang, Nannan Li, Zongming Ren*, Xiaohui Zhang*	The potential assessment of green alga <i>Chlamydomonas reinhardtii</i> CC-503 in the biodegradation of benz(a)anthracene and the related mechanism analysis	Chemosphere	国外A1

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序号	作者	论文题目	刊物名称	刊物级别
17	Wang Q., Li T.T., Huang X.X., Yang G.*	Redox Mechanism and Stability of Uranyl Phosphites at Mineral Surfaces: Cooperative Proton/Electron Transfer and High Efficacy for Uranium(VI) Reduction	Chemosphere	国外A1
18	Qi Le,Pokharel Prem,Chang Scott X*.,Zhou Peng,Niu Haidong,He Xinhua,Wang Zifang,Gao Ming*	Biochar application increased methane emission, soil carbon storage and net ecosystem carbon budget in a 2-year vegetable-rice rotation	Agriculture, Ecosystems & Environment	国外A1
19	Tong Zhang,Yuheng Yang, Jiupai Ni,Deti Xie*	Construction of an integrated technology system for control agricultural non-point source pollution in the Three Gorges Reservoir Areas	Agriculture, Ecosystems & Environment	国外A1
20	Huang X.X., Zhu C., Wang Q., Li T.T., Yang G.*	Mechanisms for As(OH) <sub>3</sub> and H <sub>3</sub> AsO <sub>4</sub> Adsorption at Anhydrous and Hydrated Surfaces of Gibbsite and Possibility for Anionic As(III) and As(V) Formation	Appl. Surf. Sci.	国外A1
21	Bo Feng, Hanyi Liu, Yingli Li, Xinmin Liu, Rui Tian, Rui Li, Hang Li*	AFM measurements of Hofmeister effects on clay mineral particle interaction forces	Applied Clay Science	国外A1
22	Liu Xiaojing,Xie Deti,Irvine John T. S.,Ni Jiupai*,Ni Chengsheng*	An FeNbO <sub>4</sub> -based oxide anode for a solid oxide fuel cell (SOFC)	ELECTROCHIMICA ACTA	国外A1
23	Yang G.*, Zhou L.J.	Montmorillonite-Catalyzed Conversions of Carbon Dioxide to Formic Acid: Active Site, Competitive Mechanisms, Influence Factors and Origin of High Catalytic Efficiency	J. Colloid Interf. Sci.	国外A1
24	Wu Ya, Shuai Chenyang, Wu Liu, Shen Liyin, Yan Jianzhong, Jiao Liudan*, Liao Shiju	A new experience mining approach for improving low carbon city development	Sustainable Development	国外A1
25	Wenli Li, Min Yang, Jie Wang, Zhichao Wang, Zihan Fan, Furong Kang, Yuheng Wang, Yayin Luo, Dejiao Kuang, Zihui Chen, Chaoyi Guo, Yujia Li, Xinhua He, Xinping Chen, Xiaojun Shi and Yueqiang Zhang*	Agronomic responses of major fruit crops to fertilization in China: A meta-analysis	AGRONOMY-BASEL	国外A2

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序号	作者	论文题目	刊物名称	刊物级别
26	Xirong Gu*, Jie Li, Xiaohe Wang, Xinhua He*, Yao Cui	Laccaria bicolor mobilizes both labile aluminum and inorganic phosphate in rhizosphere soil of pinus massoniana seedlings field grown in a yellow acidic soil	Applied and Environmental Microbiology	国外A2
27	Wang Yingyan, Qi Le, Huang Rong, Wang Fuhua, Wang Zifang*, Gao Ming*	Characterization of Denitrifying Community for Application in Reducing Nitrogen: a Comparison of nirK and nirS Gene Diversity and Abundance	Applied Biochemistry and Biotechnology	国外A2
28	Zhang YT, Gao XL, Hao XY, Alexander TW, Shi XJ, Jin L, Thomas BW*	Heavy grazing over 64 years reduced soil bacterial diversity in the foothills of the Rocky Mountains, Canada	Applied Soil Ecology	国外A2
29	Huang R, Wang YY, Liu J, Gao JJ, Zhang YR, Ni JP, Xie DT, Wang ZF*, Gao M*	Partial substitution of chemical fertilizer by organic materials changed the abundance, diversity, and activity of nirS-type denitrifying bacterial communities in a vegetable soil	Applied Soil Ecology	国外A2
30	Chang Peng, Yin Hua, Imanaka Tadayuki, Igarashi Yasuo, Li Nannan*, Luo Feng*	The metal transporter CrNRAMP1 is involved in zinc and cobalt transports in Chlamydomonas reinhardtii	BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS	国外A2
31	Chensheng Lu*, Yu-Tang Hung, Q.Cheng	A Review of Sub-lethal Neonicotinoid Insecticides Exposure and Effects on Pollinators	Current Pollution Reports	国外A2
32	Zhang Q, Chen CL, Wang JZ, Yang DY, Zhang YE, Wang ZF, Gao M*	The spatial granularity effect, changing landscape patterns, and suitable landscape metrics in the Three Gorges Reservoir Area, 1995–2015	Ecological Indicators	国外A2
33	Qing Xie, Lishan Qian, Shanyi Liu, Yongmin Wang*, Yongjiang Zhang, Dingyong Wang*	Assessment of long-term effects from cage culture practices on heavy metal accumulation in sediment and fish	Ecotoxicology and Environmental Safety	国外A2
34	Du Hongxia, Sun Tao, Wang Dingyong, Ma Ming*	Bacterial and archaeal compositions and influencing factors in soils under different submergence time in a mercury-sensitive reservoir	Ecotoxicology and Environmental Safety	国外A2

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35	Liu Jiang,Wang Dingyong,Zhang Jinzhong, Van Liem-NGuyen, Huang Rong, Jiang Tao*	Evaluation of Hg methylation in the water-level-fluctuation zone of the Three Gorges Reservoir region by using the MeHg/Hg-T ratio	Ecotoxicology and Environmental Safety	国外A2
36	Rong Huang,Yingyan Wang,Xuesong Gao,Jiang Liu,Zifang Wang*, Ming Gao*	Nitrous oxide emission and the related denitrifier community: A short-term response to organic manure substituting chemical fertilizer	Ecotoxicology and Environmental Safety	国外A2
37	Li Na,Feng Aixuan, Liu Na,Jiang Zhenmao,Wei Shiqiang*	Silicon application improved the yield and nutritional quality while reduced cadmium concentration in rice.	Environmental Science and Pollution Research	国外A2
38	Yanqin Wang, Guangquan Xiao,Yongyi Cheng,Mingxia Wang, Boya Sun,Zhifeng Zhou*	The linkage between methane production activity and prokaryotic community structure in the soil within a shale gas field in China	Environmental Science and Pollution Research	国外A2
39	Liu, D.Y., Zhang, W., Liu, Y.M., Chen, X.P*., Zou, C.Q	Soil application of zinc fertilizer increases maize yield by enhancing the kernel number and kernel weight of inferior grains	Frontier in Plant Science	国外A2
40	Zhu Kangwen, Chen Yucheng*, Zhang Sheng*, Lei Bo, Yang Zhimin, Huang Lei	Vegetation of the water-level fluctuation zone in the Three Gorges Reservoir at the initial impoundment stage	Global Ecology and Conservation	国外A2
41	Hu Q.L., Yun J.N., Yang G.*	Towards the Origin of Life over Feldspar Surfaces: Adsorption of Amino Acids and Catalysis of Conformational Interconversions	Int. J. Quantum Chem.	国外A2
42	Yang S., Li X., Li Q.Y., Gu P.K., Liu X.T., Yang G.*	Competitive Adsorption of Metal Ions at Smectites/Water Interfaces: Mechanistic Aspects, and Impacts of Co-Ions, Charge Densities and Charge Locations.	J. Phys. Chem. C	国外A2
43	Xiaozhong Wang, Mingjiong Zhao,Bin Liu,Chunqin Zou,Yixiang Sun,Gang Wu,Qian Zhang, Guoqing Jin, Zhenghui Jin, Dave Chadwick, Xinping Chen*	Integrated systematic approach increase greenhouse tomato yield and reduce environmental losses	Journal of environmental management	国外A2

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44	Liu Qingqing,Huang Chengzhi*, Le X.Chris*	Arsenic species in electronic cigarettes: Determination and potential health risk	Journal of Environmental Sciences	国外A2
45	Tao Jiang, Joeri Kaal, Jiang Liu, Jian Liang, Yaoling Zhang, Dingyong Wang*	Linking the electron donation capacity to the molecular composition of soil dissolved organic matter from the Three Gorges Reservoir areas, China	Journal of Environmental Sciences	国外A2
46	Jiajia Gao*, Robert Mikutta, Boris Jansen, Georg Guggenberger, Cordula Vogel, Karsten Kalbitz	The multilayer model of soil mineral–organic interfaces—a review	Journal of Plant Nutrition & Soil Science	国外A2
47	Qi Le,Zhou Peng,Yang Laishu,Gao Ming*	Effects of land reclamation on the physical, chemical, and microbial quantity and enzyme activity properties of degraded agricultural soils	Journal of Soils and Sediment	国外A2
48	Huang R, Liu J, He XH, Xie DT, Ni JP, Xu C, Zhang YR,Ci E, Wang ZF*,Gao M*	Reduced mineral fertilization coupled with straw return in field mesocosm vegetable cultivation helps to coordinate greenhouse gas emissions and vegetable production	Journal of Soils and Sediment	国外A2
49	Ying Chen, Rui Tian*, Hang Li*	Phosphorus transportation in runoff as influenced by cationic non- classic polarization: a simulation study	Journal of Soils and Sediments	国外A2
50	Tingting Yue,Shu Chen,Jing Liu*	In situ remediation of arsenic-rich mine tailings using slag zero valence iron	Mineralogical Magazine	国外A2
51	Ren Zhijun,Zhou Guangdong,Wei Shiqiang*	Multilevel resistive switching memory behaviors arising from ion diffusion and photoelectron transfer in a-Fe <sub>2</sub> O <sub>3</sub> nano-island arrays.	Phys.Chem.Chem .Phys.	国外A2
52	Lei Zhang, Zhiqiang Xia, Chuan Zhou, Li Fu, Jianjun Yu, William D. Taylor, Paul B. Hamilton, Philippe Van Cappellen, Daobin Ji, Defu Liu, Deti Xie, Bo Zeng, Anne M. McLeod, G. Douglas Haffner	Unique surface density layers promote formation of harmful algal blooms in the Pengxi River, Three Gorges Reservoir	Freshwater Science	国外A2

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53	Wei Du, Xinmin Liu, Rui Tian, Rui Li, Wuquan Ding, Hang Li*	Specific ion effects of incomplete ion-exchange by electric field-induced ion polarization	RSC Advances	国外A2
54	Xiaojing Liu, Jun Zhou, Deti Xie, Jiupai Ni*, Chengsheng Ni*	FeNbO <sub>4</sub> -based oxide cathode for steam electrolysis	Solid State Ionics	国外A2
55	Jian Zhang, Olusanya A. Olatunji*, Kaiwen Pan, Xianjun Jiang, Yao Meng, Jianjun Li, Jiabao Li, Si Shen, Dalu Guo, Hongyan Luo*	Ammonia- and Methane-Oxidizing Bacteria: The Abundance, Niches and Compositional Differences for Diverse Soil Layers in Three Flooded Paddy Fields	Sustainability	国外A2
56	Min Yang, Quan Long, Wenli Li, Zhichao Wang, Xinhua He, Jie Wang, Xiaozhong Wang, Huaye Xiong, Chaoyi Guo, Guancheng Zhang, Bin Luo, Jun Qiu, Xinping Chen, Fusuo Zhang, Xiaojun Shi, Yueqiang Zhang*	Mapping the environmental cost of a typical citrus-producing County in China: hotspot and optimization	Sustainability	国外A2
57	Luo Songping, He Binghui*, Song Dandan, Li Tianyang, Wu Yaopeng, Yang Lei	Response of Bacterial Community Structure to Different Biochar Addition Dosages in Karst Yellow Soil Planted with Ryegrass and Daylily	Sustainability	国外A2
58	Luo Guanglian, Wang Bin, Luo Dongqi, Wei Chaofu*	Spatial Agglomeration Characteristics of Rural Settlements in Poor Mountainous Areas of Southwest China	Sustainability	国外A2
59	Zhang Jin Li Xiaoxi, Jiang Changsheng*, Ni Xue, Chen Shijie, Hao Qingju*	Diffusive greenhouse gases fluxes from surface water at site Fuling, the Three Gorges Reservoir	Acta Ecologica Sinica	国外A3
60	Yanan Zhao, Yuting Zhang, Yueqiang Zhang, Jun Xie, Xinping Chen, Xiaojun Shi*	Effects of 22-year fertilisation on the soil organic C, N, and their fractions under a rice-wheat cropping system	Archives of Agronomy and Soil Science	国外A3
61	Wenqiang Wang, Fengwu Zhou, Yajun Chang, Jian Cui*, Dongyi He, Jinqing Du, Andy Chan, Dongrui Yao, Yong Li*, Zhiyuan Chen	Effects of soil amendments on microbial activities in a typical Cd-contaminated purple soil field, Southwestern China	Bulletin of Environmental Contamination and Toxicology	国外A3

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62	Huang X.X., Yang G.*	Charge Reversal and Anion Effects during Adsorption of Metal Ions at Clay Surfaces: Mechanistic Aspects and Influence Factors.	Chem. Phys.	国外A3
63	Yuping Xiang, Hong Shen*, Yongmin Wang, Cheng Zhang, Dingyong Wang*	The Draft Genome Sequence of <i>Pseudomonas putida</i> Strain TGRB4, an Aerobic Bacterium Capable of Producing Methylmercury	Current Microbiology	国外A3
64	Han Zhen, Li Jiangwen, Gao Pengfei, Huang Bangwei, Ni Jiupai, Wei Chaofu*	Determining the Shear Strength and Permeability of Soils for Engineering of New Paddy Field Construction in a Hilly Mountainous Region of Southwestern China	INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH	国外A3
65	Xing Tan, Jiaojiao Wu, Yun Liu*, Shixia Huang, Lan Gao, Wen Zhang	Estimation of leaf color variances of <i>Cotinus coggygia</i> based on geographic and environmental variables	Journal of Forest Research	国外A3
66	Han Zhen, <b>Chen Xiaoyan*</b> , Huang Yuhan, Luo Banglin, Xing Hang, Huang Yongchao	Effect of slope gradient on the subsurface water flow velocity of sand layer profile	Journal of Mountain Science	国外A3
67	Luo Songping, He Binghui*, Zeng Qingping, Li Nanjie, Yang Lei.	Effects of seasonal variation on soil microbial community structure and enzyme activity in a Masson pine forest in Southwest China	Journal of Mountain Science	国外A3
68	Wang Fa, Mu Zhijian*, Guo Tao, Huang Aiyong, Lin Xiao, Shi Xiaojun, Ni Jiupai	Effect of long-term differentiated fertilisation regimes on greenhouse gas emissions from a subtropical rice-wheat cropping systems	Plant, Soil and Environment	国外A3
69	Gu P.K., Yang S., Liu X.T., Yang G.*	Development of a Simple, Molecular Dynamics-Based Method to Estimate the Thickness of Electrical Double Layers.	Soil Sci. Soc. Am. J.	国外A3
70	Tong Zhang, Yuheng Yang, Jiupai Ni, Deti Xie*	Best management practices for agricultural non-point source pollution in a small watershed based on the Ann AGNPS model	Soil Use and Management	国外A3