

2024 年以天津大学为第一单位发表 SCI 论文

作者	论文题目	期刊
Yang, Ye; Zhang, Shun-Cheng; Zhang, Jia-Xin; Cui, Li-Feng; Liu, Cong-Qiang; Xu, Sheng	Quantifying denudation rates and sediment recycling of low-relief, high-elevation landscapes using in-situ and meteoric cosmogenic nuclides	GEOCHIMICA ET COSMOCHIMICA ACTA
Chen, Biying; Wang, Xinchu; Fang, Lujia; Ellam, Rob M.; Xu, Sheng	Geochemical evidence for biodegradation in high-rank coals from Qinshui Basin, North China	ORGANIC GEOCHEMISTRY
Xie, Xian-Gang; Zhang, Maoliang; Liu, Wei; Liu, Yi; Lang, Yun-Chao; Xu, Sheng	Active CO ₂ emissions from thermal springs in the Karakoram fault system and adjacent regions, western Tibetan Plateau	APPLIED GEOCHEMISTRY
Liu, Yanjiao; Chen, Yuxuan; Chen, Jiubin; Zhang, Jianchao; Teng, Henry	Combined toxicity of Cd and aniline to soil bacteria varying with exposure sequence	ENVIRONMENT INTERNATIONAL
Dong, Zhichao; Pavuluri, Chandra Mouli; Li, Peisen; Xu, Zhanjie; Deng, Junjun; Zhao, Xueyan; Zhao, Xiaomai; Fu, Pingqing; Liu, Cong-Qiang	Measurement report: Optical characterization, seasonality, and sources of brown carbon in fine aerosols from Tianjin, North China: year-round observations	ATMOSPHERIC CHEMISTRY AND PHYSICS
Guo, Ning; Chen, Hao; Han, Qiong; Wang, Tiejun	Evaluating data-driven and hybrid modeling of terrestrial actual evapotranspiration based on an automatic machine learning approach	JOURNAL OF HYDROLOGY
Niu, Xueqi; Wu, Wenxin; Shi, Weiwei; Fu, Zihuan; Han, Xingxing; Li, Si-Liang; Yan, Zhifeng	Quantifying the contribution of methane diffusion and ebullition from agricultural ditches	SCIENCE OF THE TOTAL ENVIRONMENT
Dong, Yanjun; Wang, Jialin; Ma, Chao; Thompson, Aaron; Liu, Congqiang; Chen, Chunmei	The Influence of Seawater on Fe(II)-Catalyzed Ferrihydrite Transformation and Its Subsequent Consequences for C Dynamics	ENVIRONMENTAL SCIENCE & TECHNOLOGY
Yang, Ye; Binnie, Steven A.; Xu, Sheng; Liu, Cong-Qiang; Dunai, Tibor J.	Constraints on what controls millennial-scale basin-wide denudation across mountain belts, Asia	SCIENCE CHINA-EARTH SCIENCES
Li, Wanzhu; Wang, Baoli; Liu, Na; Shi, Xinjie; Yang, Meiling; Liu, Cong-Qiang	Microbial regulation on refractory dissolved organic matter in inland waters	WATER RESEARCH
Xue, Hao; Lang, Yunchao; Ding,	Sulfate availability affect sulfate	APPLIED

Hu, Han, Xiaokun; Wang, Tiejun; Liu, Zhanhang; La, Wei; Liu, Cong-Qiang	reduction pathways and methane consumption in freshwater wetland sediments	GEOCHEMISTRY
Zheng, Yue; Ding, Hu; Zhong, Jun; Lang, Yunchao; Li, Si-Liang; Xu, Sheng; Liu, Cong-Qiang	Predominant biogenic contribution of dissolved inorganic carbon in karst rivers, Southwest China	CHEMICAL GEOLOGY
Chen, Biying; Fang, Lujia; Lang, Yunchao; Xu, Sheng; Liu, Congqiang; Zhang, Luyuan; Hou, Xiaolin	Chronological Study of Coal-seam Water and its Implication on Gas Production in the South Qinshui Basin	ACTA GEOLOGICA SINICA-ENGLISH EDITION
Chen, Sai-Nan; Hou, Yongmei; Yue, Fu-Jun; Yan, Zhifeng; Liu, Xiao-Long; Li, Si-Liang	Elucidation of the dominant factors influencing N ₂ O emission in water-level fluctuation zones in a karst canyon reservoir, southwest China	SCIENCE OF THE TOTAL ENVIRONMENT
Qu, Qinyuan; Liu, Wengang; Zheng, Wang; Chetelat, Benjamin; Liu, Qingchuan; Chen, Jiubin	A novel chemical purification method for accurate Sn isotope measurement by MC-ICP-MS	JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY
Liu, Xin; Yue, Fu-Jun; Guo, Tian-Li; Li, Si-Liang	High-frequency data significantly enhances the prediction ability of point and interval estimation	SCIENCE OF THE TOTAL ENVIRONMENT
Yang, Meiling; Liu, Na; Wang, Baoli; Li, Yajun; Li, Wanzhu; Shi, Xinjie; Yue, Xinrui; Liu, Cong-Qiang	Stepwise degradation of organic matters driven by microbial interactions in China's coastal wetlands: Evidence from carbon isotope analysis	WATER RESEARCH
Shou, Chen-Yang; Yue, Fu-Jun; Zhou, Bin; Fu, Xujin; Ma, Zhuo-Ni; Gong, Yao-Qi; Chen, Sai-Nan	Chronic increasing nitrogen and endogenous phosphorus release from sediment threaten to the water quality in a semi-humid region reservoir	SCIENCE OF THE TOTAL ENVIRONMENT
Lu, Heping; Luo, Han; Zhong, Jun; Xu, Sen; Ma, Tingting; Li, Si-Liang	Erosion modulates the effect of chemical weathering on atmospheric pCO ₂ , Qinghai-Tibet Plateau	GLOBAL AND PLANETARY CHANGE
Fu, Zihuan; Yan, Zhifeng; Li, Si-liang	Effects of soil pore structure on gas diffusivity under different land uses: Characterization and modelling	SOIL & TILLAGE RESEARCH
Huang, Richao; Chen, Xi; Hu, Qi; Jiang, Shanshan; Dong, Jianzhi	Impacts of altitudinal ecohydrological dynamic changes on water balance under warming climate in a watershed of the Qilian	SCIENCE OF THE TOTAL ENVIRONMENT

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Wang, Yuyi; Chen, Xi; Wang, Zhe; Gao, Man; Wang, Lichun	Integrating SBAS-InSAR and Random Forest for Identifying and Controlling Land Subsidence and Uplift in a Multi-Layered Porous System of North China Plain	REMOTE SENSING
Zhang, Wenxin; Hu, Wei; Zhu, Quanfei; Niu, Mutong; An, Na; Feng, Yuqi; Kawamura, Kimitaka; Fu, Pingqing	Hydroxy fatty acids in the surface Earth system	SCIENCE OF THE TOTAL ENVIRONMENT
Ge, Jinfeng; Qi, Yulin; Xu, Sen; Yao, Wenrui; Hou, Jingyi; Yue, Fu-Jun; Volmer, Dietrich A.; Fu, Pingqing; Li, Si-Liang	Elucidating the Composition and Transformation of Dissolved Organic Matter at the Sediment-Water Interface Using High-Resolution Mass Spectrometry	JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY
Ren, Xinwei; Yue, Fu-Jun; Tang, Jianhui; Li, Cai; Li, Si-Liang	Nitrate transformation and source tracking of rivers draining into the Bohai Sea using a multi-tracer approach combined with an optimized Bayesian stable isotope mixing model	JOURNAL OF HAZARDOUS MATERIALS
Liu, Xiuqiang; Liu, Weihang; Chen, Xi; Wang, Lichun; Zhang, Zhicai; Peng, Tao	Estimating fracture characteristics and hydraulic conductivity from slug tests in epikarst of southwest China	JOURNAL OF HYDROLOGY-REGIONAL STUDIES
Jiang, Cheng-Cheng; Yu, Guang-Hui; Zhou, Xiao-Jie; Sun, Fu-Sheng; Liu, Cong-Qiang	Biogeochemical process governing cadmium availability in sediments of typical coastal wetlands driven by drying-wetting alternation	JOURNAL OF HAZARDOUS MATERIALS
Wang, Jianwen; Han, Yufu; Zhao, Zibin; Ma, Chao; Yu, Guanghui; Qi, Yulin	Assessment of the Migration of Polar Compounds from Petroleum-Contaminated Soil Using a Column Leaching Experiment	JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY
Zhao, Qingzi; Wu, Libin; Fu, Xiaoli; Hu, Wei; Wang, Yajie; Wang, Yuantao; Xin, Ke; Meng, Jingjing; Yue, Siyao; Deng, Junjun; Fu, Pingqing	Molecular composition and sources of free amino acids in atmospheric aerosols from Mt. Tai and a nearby city	ATMOSPHERIC ENVIRONMENT
Zhong, Jun; Galy, Albert; Zolkos, Scott; Xu, Sheng; Liu, Cong-Qiang; Li, Si-Liang	Sources of dissolved carbon in large rivers: Insights from coupled ^{13}C - ^{14}C in the upper Changjiang (Yangtze) River	EARTH AND PLANETARY SCIENCE LETTERS

Chen, Biying; Fang, Lujia; Xu, Zhanjie; Stuart, Finlay M.; Li, Guofu; Xu, Sheng	Assessing the potential for CO ₂ storage in shallow coal seams using gas geochemistry: A case study from Qinshui Basin, North China	INTERNATIONAL JOURNAL OF GREENHOUSE GAS CONTROL
Liu, Xin; Yue, Fu-Jun; Wong, Wei Wen; Guo, Tian-Li; Li, Si-Liang	Unravelling nitrate transformation mechanisms in karst catchments through the coupling of high-frequency sensor data and machine learning	WATER RESEARCH
Li, Dongli; He, Haibo; Yang, Mengdi; Zhang, Xuecheng; Guan, Tianhao; Dai, Wenjing; Li, Yan; Shao, Hang; Ding, Shiyuan; Li, Xiaodong	Arsenic distribution and partitioning in multiple media in a typical catchment in the Qinghai-Tibetan plateau: A comparison between freshwater and saltwater lakes	ENVIRONMENTAL RESEARCH
Li, Ya-Ting; Zhu, Chang-Ming; Yang, Ren-Min; Xu, Lu; Zhang, Xin	Spatial patterns of soil organic carbon stocks and its controls in Chinese grassland ecosystems	GEODERMA
Dai, Yibin; Wang, Tiejun; Han, Qiong; Kong, Zhe; Wang, Lichun; Li, Yun; Lang, Yunchao	Impacts of vegetation and tidal conditions on porewater and salt transport in coastal wetlands: Numerical simulations and field evidence	JOURNAL OF HYDROLOGY
Sheng, Ming; Hu, Wei; Liu, Cong-Qiang; Niu, Mutong; Jin, Rui; Deng, Junjun; Wu, Libin; Li, Ping; Yan, Zhifeng; Zhu, Yong-Guan; Fu, Pingqing	Characteristics and assembly mechanisms of bacterial and fungal communities in soils from Chinese forests across different climatic zones	CATENA
Xie XianGang; Zhao WenBin; Li XiaoGuang; Li JuJing; Guo ZhengFu; Zhang MaoLiang; Xu Sheng	Preliminary study on CO ₂ output of post-collisional K-rich volcanism in western Lhasa terrane	ACTA PETROLOGICA SINICA
Cui, Fengzhen; Liu-Zeng, Jing; Li, Yunshuai; Xu, Qiang; Tang, Maoyun; Wang, Heng; Sun, Zhaotong	Principle of Hydrogen Isotope Geochemistry Paleo-altimeter and its Potential in Reconstructing Paleo-elevation of the Southeastern Tibetan Plateau	ACTA GEOLOGICA SINICA-ENGLISH EDITION
Dai, Wenjing; Shi, Rongguang; Li, Xiaodong; Zhao, Zhiqi; Xia, Zihan; Li, Dongli; Li, Yan; Cui, Gaoyang; Ding, Shiyuan	Factors and Mechanisms Affecting Arsenic Migration in Cultivated Soils Irrigated with Contained Arsenic Brackish Groundwater	MICROORGANISMS
Niu, Mutong; An, Na; Zhang, Wenxin; Hu, Wei; Fu, Xiaoli; Kawamura, Kimitaka; Feng, Yuqi;	Position-specific isomers of monohydroxy fatty acids in the land-atmosphere interface:	NPJ CLIMATE AND ATMOSPHERIC

Zhu, Quanfei; Fu, Pingqing	identification and quantification	SCIENCE
Sun, Qingqing; Yan, Zhifeng; Wang, Jingfu; Chen, Jing-An; Li, Xiaodong; Shi, Weiwei; Liu, Jing; Li, Si-Liang	Evaluating impacts of climate and management on reservoir water quality using environmental fluid dynamics code	SCIENCE OF THE TOTAL ENVIRONMENT
Han, Yufu; Han, Yuanjia; Wang, Li; Volmer, Dietrich A.; Qi, Yulin	Impact of Hydrothermal Fluids on Hydrocarbon Generation and Solid Bitumen Formation in the Kongdian Formation, Huanghua Depression, China	JOURNAL OF THE AMERICAN SOCIETY FOR MASS SPECTROMETRY
Shen, Xuwen; Jing, Liu-Zeng; Shen, Xiaoming; Zeng, Xianyang; Wang, Zijun; Xing, Yukun; Wang, Heng; Li, Mohan	Mid-Miocene (17–11 Ma) fast exhumation in the upper Jinsha River and its implication for regional faulting in Southeast Tibet	GEOMORPHOLO GY
Yao, Wenrui; Dong, Yuanyuan; Qi, Yulin; Han, Yufu; Ge, Jinfeng; Volmer, Dietrich A.; Zhang, Zhiyang; Liu, Xueyan; Li, Si-Liang; Fu, Pingqing	Tracking the Changes of DOM Composition, Transformation, and Cycling Mechanism Triggered by the Priming Effect: Insights from Incubation Experiments	ENVIRONMENTA L SCIENCE & TECHNOLOGY
Yuan, Wei; Wang, Zhengrong; Saldi, Giuseppe D.; Cai, Hongming; Zheng, Wang; Schott, Jacques; Chen, Jiubin	Gallium isotope fractionation during precipitation of α -GaOOH from aqueous solution	CHEMICAL GEOLOGY
Wu, Libin; Zhang, Yiwen; Xiao, Yunting; Zhu, Jialei; Shi, Zongbo; Wang, Yuantao; Xu, Hong; Hu, Wei; Deng, Junjun; Tang, Miao; Fu, Pingqing	Diversity of ammonia sources in Tianjin: nitrogen isotope analyses and simulations of aerosol ammonium	ENVIRONMENTA L CHEMISTRY
Liu, Yi; Liu, Wei; Zhang, Maoliang; Xie, Xian-Gang; Chen, Biyang; Dan, Zeng; Ellam, Rob M.; Xu, Sheng	Assessing magmatic contributions to rift-related geothermal systems in collisional orogens: Insights from the Sangri-Cona rift, southern Tibetan Plateau	JOURNAL OF ASIAN EARTH SCIENCES
Zhang, Tao; Huang, Lai-Ming; Yang, Ren-Min	Evaluation of digital soil mapping projection in soil organic carbon change modeling	ECOLOGICAL INFORMATICS
Sun, Qingqing; Chang, Suyun; Wang, Jingfu; Chen, Jing-An; Qin, Caiqing; Shi, Weiwei; Zhang, Wen-Xi; Zhang, Yutong; Yue, Fu-Jun; Li, Si-Liang	Assessing the impact of rainfall on water quality in a coastal urban river utilizing the environmental fluid dynamics code	URBAN CLIMATE
Sun, Fu-Sheng; Wang, Miao-Miao; Zhao, Xiang-Yang; Huang, Qiao-Yun; Liu, Cong-Qiang; Yu,	Synergistic binding mechanisms of co-contaminants in soil profiles: Influence of iron-bearing minerals	ENVIRONMENTA L POLLUTION

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Xu, Sen; Li, Si-Liang; Bufe, Aaron; Klaus, Marcus; Zhong, Jun; Wen, Hang; Chen, Shuai; Li, Li	Escalating Carbon Export from High-Elevation Rivers in a Warming Climate	ENVIRONMENTAL SCIENCE & TECHNOLOGY
Wang, Xinchu; Chen, Biying; Dong, Guannan; Zhang, Naizhong; Liu, Weiyi; Han, Jiaxu; Liu, Cong-Qiang; Li, Si-Liang; Eiler, John M.; Xu, Sheng	Microbial contribution estimated by clumped isotopologues (13CH3D and 12CH2D2) characteristics in a CO2 enhanced coal bed methane reservoir	SCIENCE OF THE TOTAL ENVIRONMENT
Hou, Yong-Mei; Yue, Fu-Jun; Li, Si-Liang; Liu, Xiao-Long	Elevated nitrogen loadings facilitate carbon dioxide emissions from urban inland waters	JOURNAL OF ENVIRONMENTAL MANAGEMENT
Jiang, Bohan; Chen, Wei; Zou, Yuan; Wu, Chunying; Wu, Ziyi; Kang, Xuechun; Xiao, Haiting; Sakai, Tetsuro	Post-fire vegetation dynamic patterns and drivers in Greater Hinggan Mountains: Insights from long-term remote sensing data analysis	ECOLOGICAL INFORMATICS
Xu, Sen; Bufe, Aaron; Li, Si-Liang; Erlanger, Erica D.; Ran, Lishan; Zhong, Jun; Yang, Ci-Jian; Zhang, Liwei; Ma, Tingting; Sachse, Dirk	Erosional modulation of the balance between alkalinity and acid generation from rock weathering	GEOCHIMICA ET COSMOCHIMICA ACTA
Kang, Xuechun; Chen, Wei; Li, Siliang; Wang, Tiejun; Yu, Le; Singh, Ramesh P.	Spatiotemporal distribution of sudden oak death in the US and Europe	AGRICULTURAL AND FOREST METEOROLOGY
Yao, Wenqian; Jing, Liu-Zeng; Shi, Xuhua; Wang, Zijun; Padilla, Alba Rodriguez; Qin, Kexin; Han, Longfei; Shao, Yanxiu; Liu, Xiaoli; Xu, Jing; Wang, Yan; Gao, Yunpeng	Rupture branching, propagation, and termination at the eastern end of the 2021 Mw 7.4 Maduo earthquake, northern Tibetan plateau	TECTONOPHYSICS
Wen, Hanxuan; Xu, Han; Ma, Yuling; Zhang, Chunyu; Zhang, Daizhou; Wang, Xin	Diverse and high pollution of microplastics in seasonal snow across Northeastern China	SCIENCE OF THE TOTAL ENVIRONMENT
Han, Longfei; Liu-Zeng, Jing; Yao, Wenqian; Wang, Wenxin; Shao, Yanxiu; Liu, Xiaoli; Zeng, Xianyang; Gao, Yunpeng; Tu, Hongwei	Discontinuous Surface Ruptures and Slip Distributions in the Epicentral Region of the 2021 Mw7.4 Maduo Earthquake, China	REMOTE SENSING
Wu, Yu; Zheng, Lijuan; Wu, Yuhan; Wang, Zeyu; Guo, Yanming	Optical modeling of atmospheric black carbon aerosol ensembles with complex particle morphology	ENVIRONMENTAL RESEARCH LETTERS
He, Sheng; Cai, Hongming; Sun, Ruoyu; Zheng, Wang; Yuan, Shengliu; Yuan, Wei; Wang,	Stable Isotopes Reveal the Contribution of Glacier Melting to Mercury Budget in Tibetan Rivers	ENVIRONMENTAL SCIENCE & TECHNOLOGY

Yuchun; Zhang, Ke; An, Yuchen; Liu, Jianfeng; Chen, Pengfei; Zhang, Tong; Kang, Shichang; Chen, Jiubin		LETTERS
Wu, Wenxin; Comer-Warner, Sophie A.; Peacock, Mike; Han, Xingxing; Li, Si-Liang; Ju, Xiaotang; Liu, Cong-Qiang; Smith, Pete; Yan, Zhifeng	IPCC Emission Factor Overestimates N ₂ O Emissions from Agricultural Ditches	ENVIRONMENTAL SCIENCE & TECHNOLOGY
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Zhong, Shujun; Liu, Rui; Yue, Siyao; Wang, Peng; Zhang, Qiang; Ma, Chao; Deng, Junjun; Qi, Yulin; Zhu, Jiale; Liu, Cong-Qiang; Kawamura, Kimitaka; Fu, Pingqing	Peatland Wildfires Enhance Nitrogen-Containing Organic Compounds in Marine Aerosols over the Western Pacific	ENVIRONMENTAL SCIENCE & TECHNOLOGY
Han, Qiong; Wang, Tiejun; Kong, Zhe; Dai, Yibin; Wang, Lichun	Disentangling the Impacts of Environmental Factors on Evaporative Fraction Across Climate Regimes	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES
Nai, Hui; Xu, Sheng; Chen, Biying; Zhong, Jun; Fang, Lujia; Qin, Sirou; Sano, Yuji	Generation of secondary microbial methane of high-rank coals: insights from the microbial community and carbon isotope	FRONTIERS IN MICROBIOLOGY
Chen, Han; Wei, Yizhao; Huang, Jinhui Jeanne	Widespread increase in plant transpiration driven by global greening	GLOBAL AND PLANETARY CHANGE
Wang, Xinchu; Chen, Biying; Chen, Linyong; Dong, Guannan; Csernica, Timothy; Zhang, Naizhong; Liu, Jiarui; Shuai, Yanhua; Liu, Cong-Qiang; Xu, Zhanjie; Li, Si-Liang; Xu, Sheng	Biogenic methane clumped isotope signatures: Insights from microbially enhanced coal bed methane	FUEL
Wang, Hui; Yan, Zhifeng; Chen, Zengming; Song, Xiaotong; Zhang, Jinbo; Li, Si-Liang; Mueller, Christoph; Ju, Xiaotang; Zhu-Barker, Xia	Microbial ammonium immobilization promoted soil nitrogen retention under high moisture conditions in intensively managed fluvo-aquic soils	BIOLOGY AND FERTILITY OF SOILS
Meng, Lingchen; Yao, Wenrui; Wen, Ling; Fu, Xiaoli; Qi, Yulin; Volmer, Dietrich A.	Optimized liquid chromatography-tandem mass spectrometry protocol for enhanced	RAPID COMMUNICATIONS IN MASS

	detection of 45 pesticides in water and soil samples	SPECTROMETRY
Wang, Xinchu; Chen, Biying; Nai, Hui; Liu, Cong-Qiang; Dong, Guannan; Zhang, Naizhong; Li, Si-Liang; Gropp, Jonathan; McIntosh, Jennifer; Ellam, Rob M.; Eiler, John M.; Xu, Sheng	Clumped isotopes constrain thermogenic and secondary microbial methane origins in coal bed methane	EARTH AND PLANETARY SCIENCE LETTERS
Chen, Han; Xiang, Yuhui	The Accelerating Loss of Resilience in Suburban Woodlands Can Largely Be Attributed to the Changes in Urban Precipitation Patterns	GLOBAL CHANGE BIOLOGY
Yan, Zhifeng; Chang, Baoxuan; Song, Xiaotong; Wang, Gangsheng; Shan, Jun; Yang, Liuqing; Li, Si-liang; Butterbach-Bahl, Klaus; Ju, Xiaotang	A microbial-explicit model with comprehensive nitrogen processes to quantify gaseous nitrogen production from agricultural soils	SOIL BIOLOGY & BIOCHEMISTRY
Fu, Zihuan; Yan, Zhifen; Wang, Yunqiang	The deep soil water dynamics and its environmental controls after long-term revegetation	JOURNAL OF HYDROLOGY
Zhang, Maoliang; Xu, Sheng; Sano, Yuji	Deep carbon recycling viewed from global plate tectonics	NATIONAL SCIENCE REVIEW
Zhang, Maoliang; Xie, Xian-Gang; Liu, Wei; Liu, Yi; Wang, Linan; Sano, Yuji; Lang, Yun-Chao; Liu, Cong-Qiang; Xu, Sheng	Hydrothermal Degassing Through the Karakoram Fault, Western Tibet: Insights Into Active Deformation Driven by Continental Strike-Slip Faulting	GEOPHYSICAL RESEARCH LETTERS
Yang, Ning; Gong, Chu; Zhang, Dongmei; Gao, Xufeng; Han, Lifeng; Fu, Pingqing; Zhang, Xinxing	The remarkable but varied photosensitized oxidation by atmospheric humic-like substances at the air-water interface	SCIENCE CHINA-CHEMISTRY
Yuan, Daohe; Qi, Yulin; Ma, Chao; Fu, Pingqing; Volmer, Dietrich A.	Selective molecular characterization of organic aerosols using in situ laser desorption ionization mass spectrometry	RAPID COMMUNICATIONS IN MASS SPECTROMETRY
Kang, Xiaoqi; Dong, Jianzhi; Crow, Wade T.; Wei, Lingna; Zhang, Huiwen	The Conditional Bias of Extreme Precipitation in Multi-Source Merged Data Sets	GEOPHYSICAL RESEARCH LETTERS
Zhang, Xiaodong; Song, Zhaoliang; Zhang, Dongbo; Wu, Yuntao; Van Zwieten, Lukas; Sun, Shaobo; Wang, Wenying; Liu, Hongyan;	Soil properties and anthropogenic influences control the distribution of soil organic carbon in grasslands of northern China	LAND DEGRADATION & DEVELOPMENT

Wang, Yidong; Wang, Hailong		
Fan, Wei-Guo; Liu, Xue-Yan; Zhou, Mingzhong; Song, Wei; Hu, Yongyun; Shen, Yanan; Liu, Cong-Qiang	Sedimentary 17O-Nitrate Evidence for Phanerozoic Aridity and Humidity Oscillations in South China	GEOPHYSICAL RESEARCH LETTERS
Hu, Guiming; Liu-Zeng, Jing; Shao, Yanxiu; Qin, Kexin; Gao, Yunpeng	The applications of optically stimulated luminescence dating in active fault and paleo-earthquake studies: A review	QUATERNARY INTERNATIONAL
Chen, Shuang; Qi, Yulin; Xie, Qiaorong; Ma, Chao; Zhong, Shujun; Wu, Libin; Fu, Pingqing	Elucidating Dissolved Organic Sulfur in the Coastal Environment by Improved Online Liquid Chromatography Coupled to FT-ICR Mass Spectrometry	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS
Zhang, Juqin; Hao, Qian; Li, Qiang; Zhao, Xiangwei; Fu, Xiaoli; Wang, Weiqi; He, Ding; Li, Yuan; Zhang, Zhenqing; Zhang, Xiaodong; Song, Zhaoliang	Source identification of sedimentary organic carbon in coastal wetlands of the western Bohai Sea	SCIENCE OF THE TOTAL ENVIRONMENT
Ping, Bo; Meng, Yunshan; Su, Fenzhen; Xue, Cunjin; Li, Zhi	Retrieval of subsurface dissolved oxygen from surface oceanic parameters based on machine learning	MARINE ENVIRONMENTAL RESEARCH
Hao, Qian; Song, Zhaoliang; Zhang, Xiaodong; He, Ding; Guo, Laodong; van Zwieten, Lukas; Yu, Changxun; Wang, Yidong; Wang, Weiqi; Fang, Yunying; Fang, Yin; Liu, Cong-Qiang; Wang, Hailong	Organic blue carbon sequestration in vegetated coastal wetlands: Processes and influencing factors	EARTH-SCIENCE REVIEWS
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Zhao, Xiangwei; Zhang, Xiaodong; Song, Zhaoliang; Van Zwieten, Lukas; Ran, Xiangbin; Pu, Yulin; Sun, Jun; Li, Qiang; Wu, Lele; Yang, Xiaomin; Wei, Yuqiu; Li, Zimin; Liu, Shuyan; Song, Alin; Sun, Xiaole; Liu, Cong-Qiang; Wang, Hailong	The accumulation and carbon sequestration potential of biogenic silica in coastal salt marshes: Implications for relative sea-level rise	CATENA
Han, Yufu; Qi, Yulin; Zhong, Jun; Yi, Yuanbi; Nai, Hui; He, Ding; He, Chen; Shi, Quan; Li, Si-Liang	Deciphering dissolved organic matter characteristics and its fate in a glacier-fed desert river – the Tarim river, China	ENVIRONMENTAL RESEARCH

Zhou, Guoqing; Liu, Jianyin; Luo, Mengyuan; Tang, Yi; Zhang, Jixian	Extraction of Feature Point Pseudo-Neighborhood for High-Accuracy of Fisheye Image Matching	IEEE TRANSACTIONS ON GEOSCIENCE AND REMOTE SENSING
Yao, Wenrui; Qi, Yulin; Han, Yufu; Ge, Jinfeng; Dong, Yuanyuan; Wang, Jianwen; Yi, Yuanbi; Volmer, Dietrich A.; Li, Si-Liang; Fu, Pingqing	Seasonal variation and dissolved organic matter influence on the distribution, transformation, and environmental risk of pharmaceuticals and personal care products in coastal zone: A case study of Tianjin, China	WATER RESEARCH
Zhao, Xiangwei; Song, Zhaoliang; Van Zwieten, Lukas; Wang, Yidong; Ran, Xiangbin; Hao, Qian; Zhang, Juqin; Li, Zimin; Sun, Jun; Wei, Yuqiu; Wu, Lele; Liu, Shuyan; Liu, Cong-Qiang; Wu, Yuntao; Wang, Hailong	Silicon fractionations in coastal wetland sediments: Implications for biogeochemical silicon cycling	SCIENCE OF THE TOTAL ENVIRONMENT
Yang, Ren-Min; Huang, Lai-Ming; Liu, Feng	Evaluation and mapping soil organic carbon in seasonally frozen ground on the Tibetan Plateau	CATENA
Wang, Jilong; Yu, Guirui; Han, Lang; Yao, Yuan; Sun, Mingyu; Yan, Zhifeng	Ecosystem carbon exchange across China's coastal wetlands: Spatial patterns, mechanisms, and magnitudes	AGRICULTURAL AND FOREST METEOROLOGY
Yao, Yuan; Yu, Guirui; Han, Lang; Chen, Zhi; Wang, Tiejun; Yan, Zhifeng; Wang, Jilong; Sun, Mingyu	Atmospheric Nitrogen Deposition Controls Interannual Variability of Net Primary Production in the Bohai Sea	JOURNAL OF GEOPHYSICAL RESEARCH-OCEANS
Tian, Xin; Dong, Jianzhi; Chen, Xi; Zhou, Jianhong; Gao, Man; Wei, Lingna; Kang, Xiaoqi; Zhao, Dexing; Zhang, Huiwen; Crow, Wade T.; Huang, Richao; Shao, Wei; Zhou, Haoran	County-Level Evaluation of Large-Scale Gridded Data Sets of Irrigated Area Over China	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES
Liu, Jiaqi; Chen, Wei; Ding, Hu; Liu, Zhanhang; Xu, Min; Singh, Ramesh P.; Liu, Congqiang	Changing characteristics of land cover, landscape pattern and ecosystem services in the Bohai Rim region of China	FRONTIERS IN ENVIRONMENTAL SCIENCE
Wu, Lele; Song, Zhaoliang; Wu, Yuntao; Xia, Shaopan; Kuzyakov, Yakov; Hartley, Iain P.; Fang, Yunying; Yu, Changxun; Wang,	Organic matter composition and stability in estuarine wetlands depending on soil salinity	SCIENCE OF THE TOTAL ENVIRONMENT

Yidong; Chen, Ji; Guo, Laodong; Li, Zimin; Zhao, Xiangwei; Yang, Xiaomin; Zhang, Zhenqing; Liu, Shuyan; Wang, Weiqi; Ran, Xiangbin; Liu, Cong-Qiang; Wang, Hailong		
Li, Xi-Yuan; Li, Su-Qing; Jiang, Yi-Fan; Yang, Qiong; Zhang, Jian-Chao; Kuzyakov, Yakov; Teng, H. Henry; Guan, Dong-Xing	Multi-imaging platform for rhizosphere studies: Phosphorus and oxygen fluxes	JOURNAL OF ENVIRONMENTAL MANAGEMENT
Liu, Wei; Zhang, Maoliang; Liu, Yi; Cui, Lifeng; Sano, Yuji; Zhou, Xiaocheng; Li, Ying; Zhang, Lihong; Lang, Yun-Chao; Liu, Cong-Qiang; Xu, Sheng	Massive crustal carbon mobilization and emission driven by India underthrusting Asia	COMMUNICATIONS EARTH & ENVIRONMENT
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Hu, Chao-Chen; Liu, Xue-Yan; Driscoll, Avery W.; Kuang, Yuan-Wen; Brookshire, E. N. Jack; Lu, Xiao-Tao; Chen, Chong-Juan; Song, Wei; Mao, Rong; Liu, Cong-Qiang; Houlton, Benjamin Z.	Global distribution and drivers of relative contributions among soil nitrogen sources to terrestrial plants	NATURE COMMUNICATIONS
Yang, Yan; Guan, Wenjie; Li,	Melatonin-Mediated Vacuolar	LAND

Zhishuai; Liu, Yixuan; Yang, Lan; Yu, Hongyan; Zou, Luyi; Xu, Hai; Teng, Yue	Compartmentalization in <i>Solanum nigrum</i> L. Under Cadmium Stress	DEGRADATION & DEVELOPMENT
Guo, Yi-Xuan; Yu, Guang-Hui; Hu, Shuijin; Liang, Chao; Kappler, Andreas; Jorgenson, Mark Torre; Guo, Laodong; Guggenberger, Georg	Deciphering the Intricate Control of Minerals on Deep Soil Carbon Stability and Persistence in Alaskan Permafrost	GLOBAL CHANGE BIOLOGY
Hua, Shanshan; Jing, Hao; Qiu, Guoyu; Kuang, Xingxing; Andrews, Charles B.; Chen, Xi; Zheng, Chunmiao	Long-term trends in human-induced water storage changes for China detected from GRACE data	JOURNAL OF ENVIRONMENTAL MANAGEMENT
Sun, Shaobo; Chen, Baozhang; Yan, Jianwu; Van Zwieten, Lukas; Wang, Hailong; Dong, Jianzhi; Fu, Pingqing; Song, Zhaoliang	Potential impacts of land use and land cover change (LUCC) and climate change on evapotranspiration and gross primary productivity in the Haihe River Basin, China	JOURNAL OF CLEANER PRODUCTION
Niu, Mutong; Hu, Wei; Huang, Shu; Chen, Jie; Zhong, Shujun; Huang, Ziyue; Duan, Peimin; Pei, Xiangyu; Duan, Jing; Bi, Kai; Chen, Shuang; Jin, Rui; Sheng, Ming; Yang, Ning; Wu, Libin; Deng, Junjun; Zhu, Jiale; Shen, Fangxia; Wu, Zhijun; Zhang, Daizhou; Fu, Pingqing	Deciphering the Significant Role of Biological Ice Nucleators in Precipitation at the Organic Molecular Level	JOURNAL OF GEOPHYSICAL RESEARCH-ATMOSPHERES
Yang, Ren-Min; Huang, Lai-Ming	Monitoring soil organic carbon under coastal restoration using time series Sentinel-1	LAND DEGRADATION & DEVELOPMENT
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Zhao, Xiangwei; Song, Zhaoliang; Wu, Yuntao; Van Zwieten, Lukas; Guo, Laodong; Yu, Changxun; Li, Zimin; Wu, Lele; Yang, Xiaomin;	Biogenic silica dynamics in coastal wetland sediments: A key driver of silicon and carbon biogeochemical cycling	LIMNOLOGY AND OCEANOGRAPHY

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Yi, Yuanbi; Li, Si-Liang; Zhong, Jun; Wang, Kai; Merder, Julian; Bao, Hongyan; Qi, Yulin; He, Ding; Xu, Sheng; Dittmar, Thorsten; Liu, Cong-Qiang	Assessing the Impacts of Reservoirs on Riverine Dissolved Organic Matter: Insights From the Largest Reservoir in the Pearl River	JOURNAL OF GEOPHYSICAL RESEARCH-BIO GEOSCIENCES
Liu, Wenqiang; Hao, Huiqing; Song, Xiehui; Wang, Qi; Hao, Yonghong; Zhang, Juan; Huang, Xin; Yan, Xiping	Investigating hydrological processes using explainable deep-learning models	HYDROLOGICAL SCIENCES JOURNAL