

2025 年以天津大学为第一单位发表 SCI 论文		
作者	论文题目	期刊
Gao, Di; Wang, Lichun; Zhen, Lizhi; Chen, Xiaobin; Wan, Tiejun; Chen, Xi; Gao, Man	The streamline-based approach for delineating porous and fractured bedform-induced hyporheic zone	JOURNAL OF HYDROLOGY
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
Zhou, Haoran; Akcay, Erol; Edwards, Erika J.; Ho, Che-Ling; Abdullahi, Adam; Zheng, Yunpu; Helliker, Brent R.	$C_4$ photosynthesis and hydraulics in grasses	NEW PHYTOLOGIST
Yang, Ren-Min; Huang, Lai-Ming; Yan, Zhipeng; Zhang, Xin; Yan, Shao-Jun	Using satellite-derived attributes as proxies for soil carbon cycling to map carbon stocks in alpine grassland soils	GEODERMA
Li, Songjing; Sun, Ruoyu; Chen, Xiaowei; Zhang, Wei; Meng, Mei; Liu, Yi; Zheng, Wang; Chen, Jiubin	A dual-stage purge-trap protocol to separate species-specific mercury from marine biota for precise isotopic analysis	JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY
Kong, Zhe; Wang, Tiejun; Han, Qiong; Dai, Yibin; Zuo, Yutao; Wang, Lichun; Lang, Yunchao	Impacts of environmental factors on ecosystem water use efficiency: An insight from gross primary production and evapotranspiration dynamics	AGRICULTURAL AND FOREST METEOROLOGY
Zhang, Haoying; Liu, Wei; Nai, Hui; Sun, Chuanqiang; Zhang, Maoliang	Linking hydrothermal He- $CO_2$ degassing to regional seismicity in the volcanically and tectonically active Tengchong block, southeastern Tibetan Plateau	JOURNAL OF ASIAN EARTH SCIENCES
Liu, Yong; Sun, Shaobo; Yang, Xiaolei; Wang, Xufeng; Liu, Kai; Dong, Haibo	Estimating Biomass Carbon Stocks of Inner Mongolia Grasslands Using Multi-Source Data	REMOTE SENSING
Wang, Xiang; Yu, Guang-Hui; Kuzyakov, Yakov; Yin, Bo-Hao; Kappler, Andreas; Liu, Cong-Qiang	Contribution of fungal biomass to persistent soil carbon across natural ecosystems	SCIENCE CHINA-EARTH SCIENCES
Zou, Ziheng; Yu, Qidong; Chen, Runyu; Wang, Jinyang; Liu, Xueyan	Biochar-microplastics interaction modulates soil nitrous oxide emissions and microbial communities	BIOCHAR
Wang, Linan; Zhong, Jun; Zhang, Mao-Liang; Liu, Guo-Ming; Li, Si-Liang; Xu, Sheng	Constraining Soil Hydrothermal $CO_2$ Degassing Across the Changbaishan Volcanic Area: Insights From $^{13}C$ - $^{14}C$ Perspective	GEOCHEMISTRY GEOPHYSICS GEOSYSTEMS

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Liu, Xin; Yue, Fu-Jun; Li, Li; Zhou, Feng; Wen, Hang; Yan, Zhifeng; Wang, Lichun; Wong, Wei Wen; Liu, Cong-Qiang; Li, Si-Liang	Chronic nitrogen legacy in the aquifers of China	COMMUNICATIONS EARTH & ENVIRONMENT
Zou, Yuan; Chen, Wei; Li, Siliang; Wang, Tiejun; Yu, Le; Zhang, Xiao; Xu, Min; Jiang, Bohan; Wu, Chunying; Singh, Ramesh P.; Huete, Alfredo; Liu, Cong-Qiang	Assessing vegetation dynamics and human impacts in natural and urban areas of China: Insights from remote sensing data	JOURNAL OF ENVIRONMENTAL MANAGEMENT
Jin, Rui; Hu, Wei; Duan, Peimin; Sheng, Ming; Liu, Dandan; Huang, Ziye; Niu, Mutong; Wu, Libin; Deng, Junjun; Fu, Pingqing	Exometabolomic exploration of culturable airborne microorganisms from an urban atmosphere	ATMOSPHERIC CHEMISTRY AND PHYSICS
Sun, Qingqing; Zhou, Bowen; Wang, Jingfu; Chen, Jing-An; Ni, Pan; Galustanian, Narek; Hou, Jingyi; Wang, Chunyi; Li, Si-Liang	Modelling reactive transport of metals in Wujiang cascade reservoirs under coal-fired, hydro power generation and fishing ban scenarios	JOURNAL OF HAZARDOUS MATERIALS
Shi, Weiwei; Wu, Wenxin; Fan, Hongxiang; Sun, Qingqing; Niu, Xueqi; Wang, Shilu; Li, Si-liang; Liang, Shengkang; Yan, Zhifeng	Estimating CO <sub>2</sub> and CH <sub>4</sub> fluxes from reservoirs: Model development and site-level study	JOURNAL OF HYDROLOGY
He, Xiaoqian; Wang, Hui; Ju, Xiaotang; Yan, Zhifeng; Xia, Zhu-Barker	Nitrifier denitrification can contribute to N <sub>2</sub> O emissions substantially in wet agricultural soil	BIOLOGY AND FERTILITY OF SOILS
Jiang, Bohan; Chen, Wei; Chen, Shaoyi; Wang, Xiaoyue; Li, Si-Liang	Comparison of the capability and performance of "photosynthesis" and "structure" indices in retrieving vegetation phenology in the Northern Hemisphere	GISCIENCE & REMOTE SENSING
Chen, Shaoyi; Chen, Wei; Sun, Xiangnan; Dang, Yuanjun	Enhancing Forest Structural Parameter Extraction in the Greater Hinggan Mountains: Utilizing Airborne LiDAR and Species-Specific Tree Height-Diameter at Breast Height Models	FORESTS
Zhou, Jianhong; Dong, Jianzhi; Feng, Huihui; Yang, Kun; Crow, Wade T.; Wu, Zhiyong; Tian, Xin; Tian, Jiaxin; Ma, Xiaogang; Jiang, Yaozhi	Can Typical Land Surface Model Parameterizations Support the Expected Soil Moisture Assimilation Efficiency?	WATER RESOURCES RESEARCH
Ma, Jingying; Han, Yufu; Ge, Jinfeng; Wen, Ling; Ma,	Comprehensive Two-Dimensional Gas Chromatography-Mass	RAPID COMMUNICATIONS

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Chao; Qi, Yulin; Volmer, Dietrich A.	Spectrometry for the Analysis of Atmospheric Particulate Matter	IN MASS SPECTROMETRY
Udeshani, Charitha; Yue, Fu-Jun; Chandrajith, Rohana; Koralegedara, Nadeesha Hemali; Li, Si-Liang	Spatial and seasonal variation of groundwater geochemistry in high-grade metamorphic aquifers- implications for CKDu in Sri Lanka	JOURNAL OF HYDROLOGY
Chang, Pei; Zhu, Xiangyu; Cai, Hongming; Zhang, Jianchao; Li, Siliang; Lu, Xiancai; Wang, Rucheng; Teng, Hui Henry	Ferric vs. ferrous arsenate amorphous precursors: Properties and controls on scorodite mineralization	AMERICAN MINERALOGIST
Zhong, Jun; Galy, Albert; Kemeny, Preston Cosslett; Zhu, Xuetao; Antler, Gilad; Liu, Cong-Qiang; Li, Si-Liang	Constraining sulfur cycling in the Eastern Tibetan Plateau: Evidence for cryptic sulfur cycling and implications for the weathering budget	GEOCHIMICA ET COSMOCHIMICA ACTA
Liu, Weihan; Chen, Xi; Wang, Lichun; Zhang, Zhicai; Liu, Xiuqiang; Peng, Tao; Chen, Jia; Dong, Jianzhi	The role of karstic soil-rock structures on subsurface stormflow dynamics in southwest China	JOURNAL OF HYDROLOGY
Sun, Zhaotong; Jing, Liu-Zeng; Shao, Yanxiu; Wang, Wenxin; Zhou, Xiaocheng; Zhang, Maoliang; Li, Ying; Han, Longfei; Cui, Fengzhen	Hydrogeochemical characteristics of geothermal springs along the central section of Altyn Tagh fault: Implications for deep fluid circulation and tectonic activity	GEOTHERMICS
Jiang, Bohan; Chen, Wei; Li, Si-Liang; Hua, Boran; Sakai, Tetsuro; Singh, Ramesh P.; Wu, Chaoyang	Complex interactions of "water-light-heat" climatic conditions on spring phenology in the mid-high latitudes of the Northern Hemisphere	AGRICULTURAL AND FOREST METEOROLOGY
Li, Xi-Yuan; Guan, Dong-Xing; Chang, Pei; Tang, Ming-Hao; Zhu, Xiangyu; Zhang, Jianchao; Wang, Yue-Bo; Teng, Hui Henry	In Situ Observation of pH and Phosphorus Distribution at Apatite-Solution Interface	ENVIRONMENTAL SCIENCE & TECHNOLOGY LETTERS
Yang, Xuemei; Zhang, Jie; Mostofa, Khan M. G.; Mohinuzzaman, Mohammad; Teng, H. Henry; Senesi, Nicola; Senesi, Giorgio S.; Yuan, Jie; Liu, Yu; Li, Si-Liang; Li, Xiaodong; Wang, Baoli; Liu, Cong-Qiang	Solubility characteristics of soil humic substances as a function of pH: mechanisms and biogeochemical perspectives	BIOGEOSCIENCES
Dong, Yuanyuan; Yao, Wenrui; Qi, Yulin; Han, Yufu; Ma, Chao; Volmer, Dietrich A.	Selective Solid Phase Extraction Using a Mixed-Mode Cation Exchange Cartridge Facilitates the Mass Spectrometry Analysis on Dissolved Organic Nitrogen	RAPID COMMUNICATIONS IN MASS SPECTROMETRY

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Cao, Fei; Sun, Ruoyu; Schneider, Larissa; Zhang, Yongquan; Li, Songjing; Yan, Rujia; Tao, Shicheng; Jiang, Xiuyang; Li, Pengfei; Zheng, Wang; Chen, Jiubin; Liu, Yi	A digestion-purging-trapping method for precise stable mercury isotope measurements of natural carbonates	JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY
Li, Yan; Yu, Yilong; Ding, Shiyuan; Dai, Wenjing; Shi, Rongguang; Cui, Gaoyang; Li, Xiaodong	Application of machine learning in soil heavy metals pollution assessment in the southeastern Tibetan plateau	SCIENTIFIC REPORTS
Zhang, Jia-Xin; Yang, Ye; Dong, Kejun; Xu, Sheng	In-situ and meteoric cosmogenic <sup>10</sup> Be constraints on coupling chemical weathering and denudation in monolithologic catchments	GLOBAL AND PLANETARY CHANGE
Feng, Shihui; Liu, Rui; Yang, Peijie; Sheng, Ming; Yang, Ning; Fu, Xiaoli; Li, Weijun; Yin, Yongguang; Fu, Pingqing	Insights into the Stabilization of Atmospheric Iron(II) by Water-Soluble Organic Matter: Role of Aliphatic Organosulfates	ENVIRONMENTAL SCIENCE & TECHNOLOGY LETTERS
Han, Jiaxu; Li, Si-Liang; Zhong, Jun; Xu, Sen	Spatiotemporal variability of fluvial carbon components under different land use types in a mountainous karst region, Southwest China	ANTHROPOCENE
Ping, Bo; Meng, Yunshan; Su, Fenzhen; Xue, Cunjin	A combined retrieval and prediction convolution neural network for oceanic primary production	INTERNATIONAL JOURNAL OF REMOTE SENSING
Yue, Siyao; Cheng, Yafang; Zheng, Lishan; Lai, Senchao; Wang, Shan; Song, Tianli; Li, Linjie; Li, Ping; Zhu, Jialei; Li, Meng; Wei, Lianfang; Ma, Chaoqun; Jin, Rui; Zhang, Yingyi; Sun, Yele; Wang, Zifa; Kawamura, Kimitaka; Liu, Cong-Qiang; Su, Hang; Andreae, Meinrat O.; Fu, Pingqing	Mass deposition of microbes from wildfire smoke to the sea surface microlayer	LIMNOLOGY AND OCEANOGRAPHY
Mostofa, Khan M. G.; Yuan, Jie; Yang, Xuemei; Mohinuzzaman, Mohammad; Liu, Cong-Qiang; Senesi, Nicola; Senesi, Giorgio S.; Vione, Davide; Li, Si-Liang	The potential nature of "dark" dissolved organic matter in the biosphere	FRONTIERS IN EARTH SCIENCE
Wang, Jilong; Yu, Guirui; Ding, Hu; Liu, Tingting; Chen, Xiaogang; Zhang, Xinru	Current status of coastal blue carbon assessment: Theory, methods, and carbon sequestration pathways	SCIENCE CHINA-EARTH SCIENCES
Liu, Xin; Yue, Fu-Jun; Wong,	Arsenic toxicity exacerbates	ENVIRONMENT

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Wei Wen; Lin, Shao-Chong; Guo, Tian-Li; Li, Si-Liang	China's groundwater and health crisis	INTERNATIONAL
Wang, Mengyao; Li, Pan; Wang, Chunyu; Chen, Wei; Niu, Zhongen; Zeng, Na; Han, Xingxing; Sun, Xinchao	Detecting Long-Term Spatiotemporal Dynamics of Urban Green Spaces with Training Sample Migration Method	REMOTE SENSING
Dong, Jianzhi; Gao, Man; Zhou, Jianhong; Wei, Lingna; Zhou, Haoran; Zhang, Yongqiang; Gao, Hongkai; Duan, Zheng; Crow, Wade T.	Land Surface Energy Partitioning Dominates Dry-Season Water Availability Uncertainties in Earth System Models	WATER RESOURCES RESEARCH
Jiang, Jiawei; Yan, Zhifeng; Jian, Jinshi; Peng, Shushi; Tian, Hanqin; Morris, Kendalynn A.; Ellam, Robert M.; Christiansen, Jesper Riis; Chen, Huai; Dong, Jianzhi; Li, Si-Liang; Fu, Pingqing; Guan, Dabo; Yu, Guirui; Liu, Cong-Qiang; Ciais, Philippe; Bond-Lamberty, Ben	Global Soil Methane Uptake Estimated by Scaling Up Local Measurements	GLOBAL CHANGE BIOLOGY
Chen, Han; Wei, Yizhao	Declining soil evaporation on a drying earth	AGRICULTURAL AND FOREST METEOROLOGY
Bai, Qinling; Wang, Tiejun; Han, Qiong; Li, Xun	Vegetation dynamics induced by climate change and human activities: Implications for coastal wetland restoration	JOURNAL OF ENVIRONMENTAL MANAGEMENT
Sun, Shaobo; Song, Zhaoliang; Guo, Laodong; Duarte, Carlos M.; Macreadie, Peter I.; Zhang, Zhen; Fang, Yunying; Chen, Baozhang; Wang, Zhengang; Wang, Weiqi; Wang, Yidong; Fu, Dongjie; Li, Yuan; Wang, Yafei; Wang, Hailong; Liu, Cong-Qiang	A Spatial Baseline of China's Blue Carbon Stocks for Improved Monitoring, Management, and Protection	EARTHS FUTURE
Chen, Chong-Juan; Liu, Xue-Yan; Hu, Chao-Chen; Xu, Shi-Qi; Wang, Xian-Wei; Mao, Rong; Koba, Keisuke	Inorganic Nitrogen Nutrition in Boreal Plants Is Underestimated and Insensitive to Environmental Changes	EARTHS FUTURE
Chen, Qian; Wu, Yu; Ye, Jingjing; Zheng, Lijuan; Xu, Chongbin; Zhang, Lei; Zhang, Ruoyang; Wang, Zeyu; Sun, Xiaomin; Zuo, Xin; Chen, Qian	Optimizing meteorological predictions to improve photovoltaic power generation in coastal areas	SUSTAINABLE ENERGY TECHNOLOGIES AND ASSESSMENTS
Ge, Zhengkui; Yan, Zhifeng;	Village ponds are hotspots of	ENVIRONMENTAL

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Peacock, Mike; Chang, Baoxuan; Zhang, Yunyun; Wu, Wenxin; Li, Si-Liang; Bastiviken, David; Liu, Cong-Qiang	CO <sub>2</sub> and CH <sub>4</sub> emissions regulated by biological communities	POLLUTION
Zeng, Xiangbin; Song, Zhaoliang; Xing, Zhixue; Meng, Jing; Wang, Xijun; Liu, Shuyan; Song, Delin; Li, Zimin; Li, Jianwu; Shi, Aiquan; Qin, Jiahao; Yu, Changxun; Vancov, Tony; Wu, Yuntao; Wang, Hailong	Rock weathering characteristics and carbon sink in the Lijiang Basin, North China	APPLIED GEOCHEMISTRY
Wu, Lele; Song, Zhaoliang; Zhang, Xinyu; Guo, Yuan; Wang, Yidong; Yu, Changxun; Fang, Yunying; Hartley, Iain P.; Chen, Ji; Xia, Shaopan; Ouyang, Xiaoguang; Mi, Wenhai; He, Ding; Liu, Cong-Qiang; Wang, Hailong	Patterns and drivers of soil organic carbon fractions and persistence in coastal wetlands of China	CATENA
Yang, Ning; Wang, Junfeng; Jacob, Daniel J.; Ye, Jianhuai; Sheng, Ming; Niu, Mutong; Qin, Yiming; Ge, Xinlei; Sun, Yele; Wang, Zifa; Wang, Yuhang; Wu, Fengchang; Liu, Cong-Qiang; George, Christian; Fu, Pingqing	Aqueous production of sulfur-containing aerosols from nitroaromatic compounds and SO <sub>2</sub> in wintertime urban haze	SCIENCE BULLETIN
Liu, Wengang; Cai, Hongming; Yuan, Wei; Zhou, Hongying; Chen, Jiubin	Rapid separation of Sr from carbonates for accurate <sup>87</sup> Sr/ <sup>86</sup> Sr isotope analysis by TIMS	JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY
Wang, Wenxin; Wang, Wei; Liu-Zeng, Jing; Godard, Vincent; Zhang, Jinyu; Yang, Jinglei; Zheng, Xucong; Wang, Zijun; Xie, Kejia; Li, Mohan	Fifteen years observations of detrital <sup>10</sup> Be after the Wenchuan earthquake: Insights into landslide sediment transport following a large-magnitude seismic event	GEOMORPHOLOGY
Ma, Jingying; Qi, Yulin; Han, Yufu; Ge, Jinfeng; Wen, Ling; Fu, Xiaoli; Hu, Wei; Shi, Zongbo; Volmer, Dietrich A.; Fu, Pingqing	Sources and potential health indicators in urban aerosols revealed by gas chromatography-mass spectrometry combined with nitrogen chemiluminescence detector: evidence from a megacity (Tianjin) of China	ATMOSPHERIC ENVIRONMENT
Huang, Ziye; Hu, Wei; Chen, Jie; Zhu, Jialei; Wu, Zhijun; Zhang, Yue; Fu, Pingqing	Atmospheric aging effects on aerosol ice nucleation	EARTH-SCIENCE REVIEWS

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Zhang, Hangzhen; Cheng, Dandong; Song, Jinxi; Zhang, Yixuan	Spatiotemporal fate of dissolved organic matter (DOM) in aquatic systems: drivers, patterns and global implications	JOURNAL OF HYDROLOGY
Zhang, Jianchao; Wang, Beibei; Qu, Sumin; Zhu, Xiangyu; Wang, Yuebo; Teng, Hui Henry	Minerals function as signals to modulate microbial adaptation	COMMUNICATIONS EARTH & ENVIRONMENT
Zhu, Jialei; Penner, Joyce E.; Hong, Chaopeng; Liu, Hao; Zhao, Xi; Deng, Junjun; Liu, Cong-Qiang; Zhang, Qiang; Fu, Pingqing	Cropland expansion reduces biogenic secondary organic aerosol and associated radiative cooling	NATURE GEOSCIENCE
Fan, Wei-Guo; Zhou, Mingzhong; Song, Wei; Liu, Xue-Yan	Nitrogen and Oxygen Isotopes of Shale Nitrate Recorded Soil Nitrate Biogeochemistry Under Arid Paleoclimates	GLOBAL BIOGEOCHEMICAL CYCLES
Liu, Jin; Liu, Rui; Ma, Chao; Feng, Shihui; Yang, Ning; Wu, Libin; Deng, Junjun; Hu, Wei; Xu, Weiqi; Sun, Yele; Fu, Pingqing	Water-Soluble Nitrogen-Containing Organic Compounds in Biomass-Combustion-Derived PM2.5 Characterized by FT-ICR MS with Multiple Ionization Sources	ENVIRONMENTAL SCIENCE & TECHNOLOGY LETTERS
Yan, Shao-Jun; Hao, Qian; Yan, Zhifeng; Yang, Ren-Min	Global patterns and driving factors of the carbon accumulation rate in coastal wetlands	EARTH-SCIENCE REVIEWS
Udeshani, Charitha; Yue, Fu-Jun; Gong, Yao-Qi; Li, Si-Liang; Chandrajith, Rohana	Sources and dynamics of nitrate in groundwater in a crystalline terrain of tropical Sri Lanka based on a dual isotope approach	WATER RESEARCH
Ma, Chao; He, Chen; Qi, Yulin; Li, Shuofan; Zhao, Rongxu; Yan, Lulu; Shi, Quan	Adduct-Ion Removal and Fractionation Reveal Sulfoxide-Derived Compounds in High-Sulfur Crude Oils by FT-ICR MS	ENERGY & FUELS
Shen, Xuwen; Jing, Liu-Zeng; Shen, Xiaoming; Cao, Kai; Leloup, Philippe Herve; Qin, Kexin; Xing, Yukun; Li, Jinyang; Zeng, Xianyang; Wang, Heng	Late Miocene extension of the Dali fault system in Southeast Tibet: Coupled tectonic inversion and landscape evolution	GEOLOGICAL SOCIETY OF AMERICA BULLETIN
Zou, Ziheng; Yu, Qidong; Wang, Jinyang; Liu, Xueyan; Lynch, Iseult	Microplastic composition-dependent effects on N2O emissions driven by changes in soil N process and microbial communities	JOURNAL OF HAZARDOUS MATERIALS
Huang, Ziye; Hu, Wei; Chen, Jie; Zhu, Jialei; Wu, Zhijun;	Atmospheric aging effects on aerosol ice nucleation (vol 269,	EARTH-SCIENCE REVIEWS

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Zhang, Yue; Fu, Pingqing	105176, 2025)	
Li, Yuxi; Chen, Xi; Dong, Jianzhi; Zhou, Jianhong; Tian, Xin; Gao, Man	Impacts of climatology error on evapotranspiration data merging over the intensively irrigated Haihe river basin, China	JOURNAL OF HYDROLOGY-REGIONAL STUDIES
Sun, Jiaxin; Zhao, Yaqiu; Bergquist, Bridget A.; Li, Pengfei; Sun, Ruoyu; Liu, Yi; Chen, Jiubin; Zheng, Wang	High precision analysis of mercury isotopes at ultra-low concentrations using dry cold vapor generation-MC-ICP-MS	JOURNAL OF ANALYTICAL ATOMIC SPECTROMETRY
Li, Zijun; Dueholm, Morten Kam Dahl; Jiang, Chenjing; Zhu, Bihe; Liu, Lei; Nielsen, Per Halkjaer; Hao, Liping	A country-wide survey into the composition and transformation of short-chain organic acids in anaerobic sludge digesters at wastewater treatment plants in Denmark	SCIENTIFIC REPORTS
Wu, Lele; Song, Zhaoliang; Xiao, Zheneng; Zhang, Xinyu; Van Zwieten, Lukas; Guo, Laodong; Li, Zimin; Yang, Xiaomin; Zhao, Xiangwei; Wang, Yidong; He, Ding; Wang, Weiqi; Liu, Cong-Qiang; Wang, Hailong	Assessment of Soil Organic and Inorganic Carbon Stocks in Coastal Salt Marshes of China: Key Mechanisms Elucidated	GLOBAL CHANGE BIOLOGY
Zhang, Qiongyu; Zhu, Jianxing; Wang, Qiufeng; Yu, Guirui; Liu, Cong-Qiang	Climate and anthropogenic activities control spatiotemporal dynamics of topsoil inorganic carbon in China	COMMUNICATIONS EARTH & ENVIRONMENT
Ma, Hua; Thompson, Aaron; Hall, Steven J.; Wang, Jialin; Xiao, Yanqi; Liu, Cong-Qiang; Chen, Chunmei	Enrichment of metastable iron minerals in global coastal wetlands	NATURE GEOSCIENCE
Cai, Hongming; Chen, Jiubin; Wang, Zhongwei; Yuan, Wei; Wang, Zhengrong; Teng, Hui Henry; Zhu, Xiangyu; Tu, Chenglong; Liu, Congqiang; Schott, Jacques	Mercury isotope fractionation during natural travertine formation	CHEMICAL GEOLOGY
Yang, Xiaolei; Sun, Shaobo; Song, Zhaoliang; Che, Tao	Exploring the relationship between vegetation greenness and precipitation on the Tibetan plateau during the growing season	INTERNATIONAL JOURNAL OF BIOMETEOROLOGY
Li, Guangxuan; Chen, Xi; Gao, Man; Zhang, Zhicai; Soulsby, Chris; Tetzlaff, Doerthe; Wang, Yuyi	Stepwise tracer-based hydrograph separation to quantify contributions of multiple sources of streamflow in a large glacierized catchment over the Tibetan Plateau	JOURNAL OF HYDROLOGY
Shuai, Wangcui; Zhang, Ke; Zhang, Ting; Zheng, Wang; Liu, Yi; Lang, Yunchao; Fu,	Unraveling the Origin of Atmospheric Soluble Iron during Asian Dust Storms	ENVIRONMENTAL SCIENCE & TECHNOLOGY

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Pingqing; Feng, Yinchang; Peng, Jianfei; Chen, Jiubin		
Wang, Jilong; Yu, Guirui; Han, Lang; Zhang, Jingfan; Sun, Mingyu; Krause, Stefan; Liu, Congqiang	Unveiling distribution and drivers of soil organic carbon in coastal China: Salt marshes and tidal flats as major carbon storage contributors	ECOLOGICAL INDICATORS
Shao, Yanxiu; Zheng, Xucong; Wang, Wei; Zou, Xiaobo	Tectonic Uplift Variations along the Danghe Nan Shan Constrained by Fluvial Geomorphic Indices	JOURNAL OF EARTH SCIENCE
Guo, Qinghao; Zhang, Haofei; Long, Bo; Cui, Lehai; Sun, Yiyang; Liu, Hao; Liu, Yaxin; Xiao, Yunting; Fu, Pingqing; Zhu, Jialei	Competing multiple oxidation pathways shape atmospheric limonene-derived organonitrates simulated with updated explicit chemical mechanisms	ATMOSPHERIC CHEMISTRY AND PHYSICS
Sun, Shaobo; Yang, Xiaolei; Ding, Hu; He, Qiang; Wang, Yafei; Yu, Changxun; Zhi, Wei; Song, Zhaoliang	Improving our understanding of blue carbon with a net ecosystem carbon budget framework	FRONTIERS IN ECOLOGY AND THE ENVIRONMENT
Zhang, Huiwen; Wei, Lingna; Zhu, Ying; Zhou, Jianhong; Liu, Songyan; Sun, Xiaosong; Kang, Xiaoqi; Gao, Man; Duan, Zheng; Crow, Wade T.; Dong, Jianzhi	Comparison of multi-source merged precipitation products using independent gauge observations	ATMOSPHERIC RESEARCH
Zhu, Jialei; Penner, Joyce E.; Liu, Hao; Guo, Qinghao; Liu, Yaxin; Deng, Junjun; Zhao, Xi; Liu, Cong-Qiang; Fu, Pingqing	Reforestation-induced aerosol cooling effects divergently modulated by various types of biogeophysical feedback	NATIONAL SCIENCE REVIEW
Gong, Yao-Qi; Yue, Fu-Jun; Li, Cai; Wu, Jia-Ni; Fan, Ya-Xin; Zhang, Hao; Li, Si-Liang	Unraveling major driving factors affecting water quality in a heavily disturbed basin in Northern China: Insight from multiple factors analysis	ECOLOGICAL INDICATORS
Zhong, Jun; Ding, Hu; Romero-Mujalli, Gibran; Galy, Albert; Xu, Sheng; Liu, Cong-Qiang; Li, Si-Liang	A review of dissolved inorganic carbon isotopic fractionations in carbonate-bearing areas: Processes, models and applications	EARTH-SCIENCE REVIEWS
Li, Zheng; Zhong, Jun; Chen, Shuai; Qin, Xiang; Xu, Sen; Li, Si-Liang	Climate-sensitive chemical weathering feedbacks in a Glacial River Basin, Northeast Qinghai-Tibet Plateau	GLOBAL AND PLANETARY CHANGE
Qin, Jiahao; Zhang, Xiaodong; Dong, Shikui; Yu, Changxun; Yang, Xiaomin; Li, Zimin; Xu, Danghui; Wang, Hailong; Song, Zhaoliang	Effects of nitrogen and phosphorus addition on phytolith carbon sequestration in alpine grassland	CATENA

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Xu, Sen; Bufe, Aaron; Kemeny, Preston C.; Klaus, Marcus; Zhong, Jun; Ma, Tingting; Li, Dongfeng; Li, Si-Liang	Climate warming and strengthened hydrologic cycle accelerate CO <sub>2</sub> release from rock weathering	GEOCHIMICA ET COSMOCHIMICA ACTA
Wang, Xia; Song, Zhaoliang; Yang, Xiaomin; Kuzyakov, Yakov; Fang, Yunying; Guo, Laodong; Hartley, Iain P.; Li, Qiang; Wu, Lele; Zhang, Zhenqing; Ran, Xiangbin; Wang, Weiqi; Wang, Yidong; Li, Yongchun; Luo, Yu; Xia, Shaopan; Wang, Zhengang; Luo, Zhongkui; Chen, Ji; Liu, Cong-Qiang; Wang, Hailong	Distribution, Storage, and Factors Influencing Particulate and Mineral-Associated Organic Matter in Paddy Soils	GLOBAL BIOGEOCHEMICAL CYCLES
Wang, Bingqin; Wen, Hang; Stewart, Bryn; Li, Li; Chen, Xi; Li, Si-Liang	Forest Recovery Reduces Production and Rising Aridity Diminishes Export of Dissolved Inorganic Carbon	WATER RESOURCES RESEARCH
Wang, Kai; Zhang, Fengyi; Wang, Dan; Zhu, Yuxuan; Yi, Yuanbi; Yan, Zhenwei; He, Ding; Zhou, Yuping	The response of dissolved organic matter dynamics to flood events in tidal estuaries	JOURNAL OF ENVIRONMENTAL MANAGEMENT
Wen, Ling; Ma, Chao; Fu, Xiaoli; Qi, Yulin; Volmer, Dietrich A.	An Optimized Method for Extraction and Detection of Polycyclic Aromatic Hydrocarbons in Soil/Sediment-Based on Gas Chromatography-Tandem Mass Spectrometry	RAPID COMMUNICATIONS IN MASS SPECTROMETRY
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