

资源与环境工程学院2024年发表论文情况							
序号	论文题目	第一作者	通讯作者	发表时间	收录	发表刊物	分区
1	Degradation mechanism and compressive strength prediction of polyvinyl alcohol fiber-engineered cementitious composites under coupled salt corrosion and freeze-thaw cycles	刘曙光	尹立强	2025-10	SCI	Construction and Building Materials	中科院JCR升级版大类一区
2	Characteristics of AC impedance and pore structure in solid waste-based cementitious materials with different water-to-binder ratios	李杰	闫长旺	2025-03	SCI	Construction and Building Materials	中科院JCR升级版大类一区
3	Acoustic emission response to the bonding failure process of PVA-fibre reinforced magnesium phosphate cement and existing mortar	李杰	闫长旺	2025-08	SCI	Construction and Building Materials	中科院JCR升级版大类一区
4	A novel method and mechanism for enhancing frost resistance in cement	卢召强	尹立强	2025-03	SCI	Construction and Building Materials	中科院JCR升级版大类一区
5	Hydrochemical characteristics, driving factors and health risk of fluoride in groundwater from the northwestern Ordos Basin, China	田家聪	刘伟	2025-09	SCI	GEOSCIENCE FRONTIERS	中科院JCR升级版大类一区
6	Determining the role of water-gas-rock interaction in deep CO2 emissions from thermal springs in the Southern Tibetan Rift System	刘伟	张茂亮	2025-11	SCI	Journal of Hydrology	中科院JCR升级版大类一区
7	Spring festival firework activities exacerbate toxic effects of aerosol essential components	胡阿古达木	霍耀强	2025-05	SCI	JOURNAL OF HAZARDOUS MATERIALS	中科院JCR升级版大类一区
8	Review of modified biochar for removing humic acid from water: analysis of structure-activity relationship	李宜庭	朱颖	2025-01	SCI	Biochar	中科院JCR升级版大类一区
9	DFT Mechanism Study of Ligand-Controlled Ru-Catalyzed Selective Aerobic Oxidative Generation of Homocoupled Imines and Nitriles	张子春	马丽莎	2025-08	SCI	JOURNAL OF PHYSICAL CHEMISTRY A	中科院JCR升级版大类二区
10	Ultra-high-performance concrete from 100% solid waste: mechanical strength, microstructure and sustainability analysis	孙存勇	闫长旺	2025-10	SCI	Case Studies in Construction Materials	中科院JCR升级版大类二区
11	Hydration characteristics of full-solid-waste cementitious material using electrochemical impedance spectroscopy and compressive strength	冯蓉蓉	闫长旺	2025-10	SCI	Journal of Building Engineering	中科院JCR升级版大类二区
12	Effect of trace elements (Fe3+, Mg2+, S6+) on the hydration mechanisms of alkali-activated coal gangue	李杰	李杰	2025-05	SCI	CASE STUDIES IN CONSTRUCTION MATERIALS	中科院JCR升级版大类二区
13	Emission pathways and reduction strategies of greenhouse gases in coal chemical industry: A review	杨国庆	霍耀强	2025-06	SCI	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING	中科院JCR升级版大类二区
14	Crystal growth of hydrated calcium silicate synthesized from fly ash and lime milk at 100 °C	赵志名	杨志杰	2024-12	SCI	Ceramics International	中科院JCR升级版大类二区
15	Geometrical evolution pattern and electronic properties of Terbium-doped germanium TbGen (n = 6-17) nanoclusters: From Tb-lined to Tb-	郝晨亮	杨桔材	2025-07	SCI	MATERIALS TODAY COMMUNICATIONS	中科院JCR升级版大类三区
16	Geometrical Evolution Pattern and Spectroscopic Properties of Terbium-Doped Germanium Anionic TbGen (n = 6–17) Nanoclusters: From Tb-Lined to Tb-Encapsulated Structures	郝晨亮	杨桔材	2025-05	SCI	Molecules	中科院JCR升级版大类三区
17	Ore Genesis of the Jiawula Pb–Zn–Ag Deposit, Inner Mongolia: Constraints from C–H–O Isotopes, In Situ S Isotopes, Fluid Inclusions,	李洪凯	密文天	2025-09		ACS Omega	中科院JCR升级版大类三区
18	Late Cretaceous-Paleogene Exhumation History and Evolution of Paleotopography in the Gaize Basin, Central Tibet	高源	密文天	2025-10	SCI	ACS Omega	中科院JCR升级版大类三区

19	Characteristics of Microbial Communities at Different Soil Depths in Areas Subjected to Cattle Manure Application: A 1- and 10-year	于昕弘	刘建国	2025-10	SCI	Environmental Sciences Europe	中科院JCR升级版大类三区
20	Theoretical Study of Structures and Spectral Properties of ScSnn 0/-/2- (n = 4–17) Nanoalloy Clusters	涂水连	董彩霞	2025-04	SCI	International Journal of Quantum Chemistry	中科院JCR升级版大类三区
21	Study of micro-expansion deformation of cement-based materials enhanced by soybean-wax-coated carbide slag composites	宁慧员	闫长旺	2025-02	SCI	Materials Chemistry and Physics	中科院JCR升级版大类三区
22	Tie arch model of pva fiber reinforced cement used in cement pavement	刘杰	闫长旺	2025-05	SCI	Journal of Materials in Civil	中科院JCR升级版大类三区
23	Spatio-temporal changes and attribution of vegetation and its influencing factors during 2010 to 2022 in Jungar Banner of Inner Mongolia, China	籍进柱	籍进柱	2025-08	SCI	ECOLOGICAL FRONTIERS	中科院JCR升级版大类三区
24	Indium mineralization of the Chaganbulagen Ag-Pb-Zn deposit in Inner Mongolia, Northeast China: Evidence from geochemistry of sphalerite	曹明雨	密文天	2025-06	SCI	Journal of Asian Earth Sciences	中科院JCR升级版大类三区
25	Structural, Electronic, and Nonlinear Optical Characteristics of Europium-Doped Germanium Anion Nanocluster EuGen- (n = 7–20): A	郝晨亮	杨兆峰	2025-03	SCI	Molecules	中科院JCR升级版大类三区
26	Structural behaviors, optical properties and electronic structures of rare earth samarium doped germanium anion nanocluster SmGen – (n = 4–20): A density functional theory investigation	郝晨亮	杨兆峰	2025-02	SCI	Materials Science and Engineering B-Advanced Functional Solid-State Materials	中科院JCR升级版大类三区
27	Optimization of ore production scheduling strategy using NSGA-II GRA in open-pit mining	陈忠强	宋平成	2025-06	SCI	scientific reports	中科院JCR升级版大类三区
28	Revealing asperity-controlled failure patterns in landslides: A case study of Hushuo Expressway, Inner Mongolia	邢渊浩	李驰	2025-06	SCI	PLOS One	中科院JCR升级版大类三区
29	The instability mechanisms and precursor information of different type rocks based on acoustic emission	薛瑞雄	薛瑞雄	2025-05	SCI	PLOS One	中科院JCR升级版大类三区
30	Human Health Risk Assessment of Chlorinated Hydrocarbons in Groundwater Based on Multi-Pathway Analysis	王奕迪	李桂兰	2025-06	SCI	Toxics	中科院JCR升级版大类三区
31	Landslide monitoring and mechanism analysis based on asperity theory: a case study of Rongwu Expressway, Inner Mongolia	邢渊浩	李驰	2025-06	SCI	Journal of Mountain Science	中科院JCR升级版大类四区
32	Theoretical study on the structures and properties of neutral and anionic molecular clusters Y6Sn0/- (n=1-12)	武新春	董彩霞	2025-05	SCI	JOURNAL OF MOLECULAR MODELING	中科院JCR升级版大类四区
33	Study on the Structures and Properties of Molecular Clusters Sc6Sn (n=1-12) and Their Anions with DFT Theory	武新春	杨桔材	2025-03	SCI	JOURNAL OF CLUSTER SCIENCE	中科院JCR升级版大类四区
34	Structural evolutions, electronic structures and nonlinear optical properties of Ce6Sn0/- (n=1-11) clusters: A density functional theory	付韵洁	杨兆峰	2025-10	SCI	THEORETICAL CHEMISTRY ACCOUNTS	中科院JCR升级版大类四区
35	Estimation Method of Leaf Nitrogen Content of Dominant Plants in Inner Mongolia Grassland Based on Machine Learning	金利山	王秀梅	2025-08	SCI	Nitrogen	中科院JCR升级版大类四区
36	Identification of Alteration Minerals and Lithium-Bearing Pegmatite Deposits Using Remote Sensing Satellite Data in Dahongliutan Area,	白泳	王金林	2025-06	SCI	Minerals	中科院JCR升级版大类四区
37	Time Series Analysis of Mining-Induced Subsidence Using Small Baseline Subset Interferometric Synthetic Aperture Radar (Wanli Mining	薛鑫磊	籍进柱	2025-04	SCI	Applied Science-Basel	中科院JCR升级版大类四区
38	Designed fabrication of highly stable anode materiafrom metal-organicframeworks/reduced grapheneoxide/polydopamine composite for vanadium redox flowbattery	周楠	李春丽	2025-05	SCI	IONICS	中科院JCR升级版大类四区
39	Coarse-Grained Ore Distribution on Conveyor Belts With TRCU Neural Networks	梁伟农	孙小路	2025-01	SCI	IET IMAGE PROCESSING	中科院JCR升级版大类四区

40	Natural Maturation-Induced Changes in Molecular Structure and Associated Micropores of Kerogen in Shale: Implications for Geological Storage of Carbon Dioxide	朱悦雯	尚福华	2025-04	SCI	Processes	中科院JCR升级版大类四区
41	Automatic Recognition Method for RQD Value of Core Images Based on Connected Components	刘润晗	刘欢	2025-02	SCI	Mining, Metallurgy & Exploration	中科院JCR升级版大类四区
42	Multi-objective classification prediction method for coal gangue based on image feature extraction	孙小路	周春侠	2024-12	SCI	INTERNATIONAL JOURNAL OF COAL PREPARATION AND UTILIZATION	中科院JCR升级版大类四区
43	海拉尔盆地伊敏组丝炭化学结构及成因探讨	王扶静	李耿	2025-05	EI	煤炭学报	卓越期刊
44	页岩微观力学纳米压痕表征及储层可压裂性评价	陈立超	陈立超	2025-03	EI	煤炭学报	卓越期刊
45	羊草草原原生群落羊草种群点格局分析	王凤琼	王鑫厅	2025-02	EI	生物多样性	卓越期刊
46	不同煤级煤孔隙结构的非均质性及其影响因素	朱悦雯	尚福华	2025-06	EI	煤炭科学技术	卓越期刊
47	内蒙古高家梁煤矿采空地面塌陷特征及影响因素分析	薛鑫磊	籍进柱	2025-04	EI	科学技术与工程	EI