

# 沉积学报

Chenji Xuebao

第44卷 第3期 2026年6月

## 目次

- 细粒沉积物搬运机理研究进展 ..... 许天宇, 彭军, 刘旭东, 王豪楠(799)
- 不同潮差影响的陆架三角洲沉积模式——基于Delft3D数值模拟的启示 ..... 徐嘉毅, 刘丽, 葛家旺, 赵晓明(825)
- 基于沉积数值模拟的砂质辫状河三角洲沉积特征与演化规律研究 ..... 唐洪, 龙冠宇, 张章, 曲炳昌, 蒋成思(841)
- 狭长浅水湖盆分支河流体系演化过程和沉积模式——基于水槽沉积模拟实验 .....  
..... 李赛云, 尹大举, 张昌民, 孙中恒, 任大伟, 卫猛, 陈旋(856)
- 遗迹组构定量表征及沉积环境指示意义——以西湖凹陷平北地区平湖组—宝石组为例 .....  
..... 杨立玉, 杜学斌, 江东辉, 肖加福, 陈科一, 李心怡(869)
- 泥炭(成煤)沼泽古野火记录及碳循环效应 ..... 高爽, 李勇, 刘乐, 王华建(883)
- 鄂尔多斯盆地Toarcian大洋缺氧事件时期菱铁矿的成因及其地质意义 .....  
..... 陈杨, 金鑫, 黄一舟, 张云望, 陈俞超, 王琴, 时志强(903)
- 粤北丹霞盆地上白垩统陆相红层地球化学特征及其古气候意义 ..... 陈国辉, 李超, 李宏卫, 查凯婕(921)
- 南方加积型红土化学风化的非纬向地带性特征及其成因分析 ..... 王吉, 朱丽东, 禹蕊斐, 张忠萍, 杜广琴(945)
- 渤海海峡限制性地形对现代沉积体系分布的控制 ..... 黄于婷, 单新, 石学法, 乔淑卿, 徐笑梅, 潘海东, 蓝涛, 高建华(961)
- 海底滑坡顶界面地貌形态对浊流的影响机制 ..... 李文婧, 吴南, 匡增桂, 任金锋, 王毕文, 韩政豪, 陈万利(977)
- 深水斜坡背景下的重力流水道—朵叶体系沉积特征及演化——以内蒙古乌海市奥陶系拉什仲组三段露头为例 .....  
..... 张显坤, 李华, 何幼斌, 何一鸣, 姜纯伟, 吴吉泽, 姚凤南(994)
- 珠江三角洲潮坪环境中现代生物遗迹组成与分布特征 ..... 王媛媛, 王晓波, 勾松林(1007)
- 河南寒武系遗迹化石 *Thalassinoides* 及其沉积环境控制因素 ..... 王敏, 熊丹, 齐永安, 杨文涛, 冯可佳(1019)
- 东道海子凹陷下侏罗统物源分析及沉积物源响应特征 ..... 朱雪清, 刘圣乾, 朱青, 刘彬, 曾治平, 李松涛(1031)
- 川西北开江—梁平海槽与蓬溪—武胜台凹交汇区长兴组—飞仙关组沉积相展布与演化 .....  
..... 王兆鹏, 邢凤存, 古强, 武赛军, 刘子琪(1048)
- 川中高石梯地区中二叠统栖霞组不同岩性的孔隙演化差异 ..... 屈海洲, 陈泓宇, 徐伟, 徐会林, 张兴宇, 汪周华(1066)
- 铝土岩系沉积环境及储层特征——以鄂尔多斯盆地临兴地区本溪组为例 .....  
..... 王晓琳, 朱筱敏, 祝彦贺, 于珊珊, 赖锦, 李红斌(1082)
- 岩溶储层地层水地球化学特征及气水分布规律——苏里格气田南区马家沟组马五<sub>5</sub>亚段 .....  
..... 孙振, 张正红, 郭智, 田国庆, 张云峰, 彭军, 万慈眩, 赵明睿(1096)
- 碳酸盐矿物阴极发光影响因素研究——以鄂尔多斯盆地南缘奥陶系中下统为例 .....  
..... 李阳, 李晓光, 陈昌, 代宗仰, 赵晓阳, 高洋(1117)
- 鄂尔多斯盆地延长组地震前积反射与页岩油储层展布规律研究 ..... 张杰, 李青阳, 王永刚, 葛炳好, 丁骞, 杨超, 段沛然(1132)
- 川东北铁山坡、七里北地区飞仙关组沉积特征及有利储集区带预测 ..... 姚敏, 胡忠贵, 武赛军, 周刚, 胡九珍, 毕宇航(1148)
- 爱沙尼亚油页岩富黏球形藻干酪根快速连续分步热解研究 ..... 敖添, 孟宪新, 卢鸿, 张志荣, 彭平安(1164)
- 三叠纪初期微生物岩泥晶球粒分类与有机质物源分析 ..... 刘丹娜, 韦振晟, 程博航, 黄元耕, 方谦, 陈中强(1176)
- 陆相富有机质页岩纹层特征及其储集性能——以鄂尔多斯盆地东南部延长组长7段为例 .....  
..... 肖颖, 赵卫卫, 王嘉楠, 刘钰晨, 李慧, 吴佳, 杨迪(1198)

# ACTA SEDIMENTOLOGICA SINICA

Vol.44 No.3 Jun.2026

## CONTENTS

- Current Research Status on the Transportation of Fine-Grained Sediments ···*XU TianYu, PENG Jun, LIU XuDong, WANG HaoNan*(799)
- Shelf Delta Depositional Model Influenced by Different Tidal Ranges: Inspiration from Delft3D numerical simulation ·····*XU JiaYi, LIU Li, GE JiaWang, ZHAO XiaoMing*(825)
- Sedimentary Characteristics and Evolution Laws of a Sandy Braided River Delta Based on Sedimentary Numerical Simulation ·····*TANG Hong, LONG GuanYu, ZHANG Zhang, QU BingChang, JIANG ChengSi*(841)
- Evolution and Depositional Model of a Distributive Fluvial System in a Narrow and Shallow Lacustrine Basin: Insights from flume simulation experiment ·····*LI SaiYun, YIN TaiJu, ZHANG ChangMin, SUN ZhongHeng, REN DaWei, WEI Meng, CHEN Xuan*(856)
- Quantitative Characterization of Ichnofabric and Its Significance for Indicating Sedimentary Environment: An example from the Pinghu Formation-Baoshi Formation in the Pingbei area, Xihu Sag ·····*YANG LiYu, DU XueBin, JIANG DongHui, XIAO JiaFu, CHEN KeYi, LI XinYi*(869)
- Paleo-Wildfire Records and Carbon Cycle Effects in Peat (Coal-Forming) Bogs ·····*GAO Shuang, LI Yong, LIU Le, WANG HuaJian*(883)
- Lacustrine Siderite Formation in the Ordos Basin, North China: Insights into the Lower Jurassic Toarcian Oceanic Anoxic Event ·····*CHEN Yang, JIN Xin, HUANG YiZhou, ZHANG YunWang, CHEN YuChao, WANG Qin, SHI ZhiQiang*(903)
- Geochemical Characteristics and Paleoclimate Significance of the Upper Cretaceous Continental Red Beds in the Danxia Basin, Northern Guangdong Province ·····*CHEN GuoHui, LI Chao, LI HongWei, ZHA KaiJie*(921)
- Non-Latitudinal Zonal Characteristics and Origin of Chemical Weathering of Aggradational Red Earth in Southern China ·····*WANG Ji, ZHU LiDong, YU RuiFei, ZHANG ZhongPing, DU GuangQin*(945)
- Control of Restrictive Topography in the Bohai Strait on Modern Sedimentary System Distribution ·····*HUANG YuTing, SHAN Xin, SHI XueFa, QIAO ShuQing, XU XiaoMei, PAN HaiDong, LAN Tao, GAO JianHua*(961)
- Top Surface Geomorphology of Submarine Landslides and Its Impact on Turbidity Currents ·····*LI WenJing, WU Nan, KUANG ZengGui, REN JinFeng, WANG BiWen, HAN ZhengHao, CHEN WanLi*(977)
- Characteristics and Evolution of a Deep-Water Gravity Flow Channel-Lobe System in a Deep-Water Slope: A case study of outcrops from the Third member of the Ordovician Lashizhong Formation, Wuhai city, Inner Mongolia ·····*ZHANG XianKun, LI Hua, HE YouBin, HE YiMing, JIANG ChunWei, WU JiZe, YAO FengNan*(994)
- Composition and Distribution of Modern Biological Traces in the Tidal Flat Environments of the Pearl River Delta ·····*WANG YuanYuan, WANG XiaoBo, GOU SongLin*(1007)
- Trace Fossil *Thalassinoides* and Its Paleoenvironmental Factors from the Cambrian in Henan Province ·····*WANG Min, XIONG Dan, QI YongAn, YANG WenTao, FENG KeJia*(1019)
- Provenance Analysis of the Lower Jurassic Dongdaohaizi Sag and Sediment Provenance Response Characteristics ·····*ZHU XueQing, LIU ShengQian, ZHU Qing, LIU Bin, ZENG ZhiPing, LI SongTao*(1031)
- Distribution and Evolution of Sedimentary Facies from the Changxing Formation-Feixianguan Formation in the Intersection Area of Kaijiang Liangping Trough and Pengxi Wusheng Intra-Platform Depression, Northwestern Sichuan Basin ·····*WANG ZhaoPeng, XING FengCun, GU Qiang, WU SaiJun, LIU ZiQi*(1048)
- Differences in Pore Evolution of Different Lithologies in the Middle Permian Qixia Formation, Gaoshiti Area, Central Sichuan Basin ·····*QU HaiZhou, CHEN HongYu, XU Wei, XU HuiLin, ZHANG XingYu, WANG ZhouHua*(1066)
- Sedimentary Environment and Enrichment Model of Bauxite in the Benxi Formation, Linxing Area, Ordos Basin ·····*WANG XiaoLin, ZHU XiaoMin, ZHU YanHe, YU ShanShan, LAI Jin, LI HongBin*(1082)
- Geochemical Characteristics of Formation Water and Gas-Water Distribution in a Karst Reservoir: Ma<sub>5</sub> submember of the Majiagou Formation, southern area of Sulige gas field ·····*SUN Zhen, ZHANG ZhengHong, GUO Zhi, TIAN GuoQing, ZHANG YunFeng, PENG Jun, WAN CiXuan, ZHAO MingRui*(1096)
- Factors Influencing Cathodoluminescence in Carbonate Minerals: A case study from the Lower and Middle Ordovician of the southern margin of the Ordos Basin ·····*LI Yang, LI XiaoGuang, CHEN Chang, DAI ZongYang, ZHAO XiaoYang, GAO Yang*(1117)
- Seismic Progradational Reflection and Shale Oil Reservoir Distribution Patterns of the Yanchang Formation in the Ordos Basin ·····*ZHANG Jie, LI QingYang, WANG YongGang, GE BingYu, DING Qian, YANG Chao, DUAN PeiRan*(1132)
- Sedimentary Facies and Prediction of Favorable Reservoir Zones in Tieshanpo and Qilibei Areas of the Feixianguan Formation, Northwestern Sichuan Basin ·····*YAO Min, HU ZhongGui, WU SaiJun, ZHOU Gang, HU JiuZhen, BI YuHang*(1148)
- Sequential Stepwise Pyrolysis of Estonian Kerogen for *Gloeocapsomorpha Prisca* Research ·····*AO Tian, MENG XianXin, LU Hong, ZHANG ZhiRong, PENG PingAn*(1164)
- Classification and Organic Provenance of Microbialite Peloids in the Early Triassic ·····*LIU DanNa, WEI ZhenSheng, CHENG BoHang, HUANG YuanGeng, FANG Qian, CHEN ZhongQiang*(1176)
- Characteristics and Reservoir Performance of Continental Organic-Rich Shale Laminae: A case study of the Chang 7 member, Yanchang Formation, southeastern Ordos Basin ·····*XIAO Ying, ZHAO WeiWei, WANG JiaNan, LIU YuChen, LI Hui, WU Jia, YANG Di*(1198)