

沉积学报

Chenji Xuebao

第41卷 第5期 2023年10月

目次

· 专栏·碎屑岩沉积学·

特约主编按语

- 吉尔伯特型三角洲沉积过程与沉积模式 侯明才,杨田,田景春,蔡来星,李晓芳,何青,余文强(1281)
- 陆相湖盆深水浊流与泥质碎屑流间过渡流沉积与沉积学意义 杨田,操应长,王健,田景春,蔡来星,余文强(1295)
- 冲决:河道演化关键环节的综述与讨论 ... 陈薪凯,周树勋,辛红刚,李成,李卫成,冯胜斌,毛振华,朱立文,李弛,殷亮亮(1311)
- 决口扇对三角洲平原亚相砂体连通性的影响——以松辽盆地卫星油田葡萄花油层为例 张云峰,刘宗堡,应玉双,刘云燕(1329)
- 近岸水下扇体沉积新认识与油气勘探再实践——以济阳拗陷陡坡带为例 于景强,韩宏伟,张云银,蔡来星,刘海宁,姜凤芹,董大伟(1340)
- 陆相石膏赋存状态及沉积过程——以库车拗陷牙哈地区古近系苏维依组底砂岩段为例 王壮生,林小兵,范峻铭,杨华童,张莹,贾伟(1354)
- 阜东斜坡芦草沟组岩相组合特征及展布规律 潘进,刘新龙,李辉,刘超威,李树博,陈洪,王泽胜,李宗浩,金腾瑞,陈美玲,朱新亭,樊向东(1366)
- 鄂尔多斯盆地中东部本溪组砂体成因类型及发育模式 ... 王集,王峰,戚林河,王斌,赵剑,吴静仪,肖云霄,徐明慧,黎乾(1380)
- 鄂尔多斯盆地南部二叠系砂岩碎屑锆石年代学特征及地质意义 王峰,刘新社,赵伟波,张雷,虎建玲,田景春,陈蓉,王集,吴静仪,肖云霄(1396)
- 鄂尔多斯盆地东北部下侏罗统富县组沉积物源分析——来自榆林安崖剖面砂岩的岩石学及元素地球化学证据 张云望,金鑫,乔培军,李滨兵,洪彦哲,陈俞超,芦刚,杜怡星,时志强(1414)
- 鄂尔多斯盆地西缘晚石炭世羊虎沟组源—汇系统特征及古地理格局 朱淑玥,刘磊,虎建玲,陈波,王志伟,史云鹤,杜小伟,王峰,陈洪德,张成弓,付斯一,张靖芪(1430)
- 川西新场地区上三叠统须家河组二、四段物源及储层特征差异对比研究 苏加亮,林良彪,余瑜,王志康,李晔寒(1451)
- 致密砂岩碳酸盐矿物SEM-CL和EPMA矿物学表征及其成岩意义——以川西拗陷须家河组为例 余瑜,林良彪,李真,孟万斌,童旭,梁庆韶(1468)
- 层序格架下构造—沉积分异对页岩气储层特征的控制——以四川盆地西南部筇竹寺组为例 刘瑞峯,周文,徐浩,周秋媚,曹茜,高雯璐,宋威国,蒋柯,蒲飞龙,杨国梁,尚福华(1478)

· 非主题来稿·

- 西秦岭北缘渐新世砾岩沉积特征及沉积环境——渐新世—中新世盆地构造环境约束 常西玲,郭进京,常璐璐,吴彦旺,徐梦婧(1495)
- 贵州铝土矿含铝岩系中关键金属富集特征及资源潜力 杜茜,唐永永,张世帆,李阳,巩鑫,向明坤,文愿运(1512)
- 地震触发下砂岩侵入体变形模拟实验研究 刘作松,易雪斐,吉霞,向建波(1530)
- 砂砾岩体跨频段地震岩石物理响应特征——以东营凹陷陡坡带为例 孙超,岳建华,蔡来星,潘冬明(1543)
- 机器学习方法在浅层滩坝相薄层孔隙度预测中的应用——以准噶尔盆地车排子地区白垩系为例 张宇航,时保宏,张曰静,石好果,文雯,张杨(1559)
- 南昆嵩凹陷中新世以来三角洲地震响应与沉积充填演化 贺华瑞,梁锡武,冀梁轩,叶传红,闫恒(1568)
- 鄂尔多斯盆地陇东地区二叠系太原组铝土岩系储层特征及勘探意义 姚泾利,石小虎,杨伟伟,张雷,解丽琴,安文宏,王慧玲,张仁燕(1583)
- 鄂尔多斯盆地东南部晚古生代陆表海层序演化过程与其控制下的聚煤模式 付超,于兴河,李顺利,李树新,何发岐,彭子霄(1598)
- 鄂尔多斯盆地南部白垩统宜君组碎屑锆石U-Pb年龄及物源意义 李姣莉,王建强,彭恒,李科亮,丰孝林,张东东(1609)
- 岩相古地理特征及其与天然气分布关系——以鄂尔多斯盆地靖边西北部马五4亚段为例 吴珍珍,郭艳琴,张俊杰,李百强,费世祥,王起琮,杜江民(1624)

ACTA SEDIMENTOLOGICA SINICA

Vol.41 No.5 Oct.2023

CONTENTS

- Formation Processes and Depositional Model of Gilbert-type Deltas
.....*HOU MingCai, YANG Tian, TIAN JingChun, CAI LaiXing, LI XiaoFang, HE Qing, YU WenQiang* (1281)
- Deep-water Deposition for Transitional Flow from Turbidity Current to Muddy Debris Flow in Lacustrine Basins and Its Sedimentological Significance
.....*YANG Tian, CAO YingChang, WANG Jian, TIAN JingChun, CAI LaiXing, YU WenQiang* (1295)
- Avulsion: A Review and Discussion of Key Points in Channel Evolution.....
.....*CHEN XinKai, ZHOU ShuXun, XIN HongGang, LI Cheng, LI WeiCheng, FENG ShengBin, MAO ZhenHua, ZHU LiWen, LI Chi, YIN LiangLiang* (1311)
- Effect of Crevasse Splay on the Connectivity of Sand Bodies in Delta Plain Subfacies: A case study of the Putaohua oil layer in the Wexing oilfield, Songliao Basin
.....*ZHANG YunFeng, LIU ZongBao, YING YuShuang, LIU YunYan* (1329)
- New Sedimentary Understandings of Nearshore Subaqueous Fan and Its Re-practice on Oil-gas Exploration: Take the steep slope zone of Jiyang Sag as a case
.....*YU JingQiang, HAN HongWei, ZHANG YunYin, CAI LaiXing, LIU HaiNing, LOU FengQin, DONG DaWei* (1340)
- Occurrence State and Deposition of Terrestrial Gypsum: A case study of the Paleogene Suweiyi Formation, Yaha area, Kuqa Depression
.....*WANG ZhuangSheng, LIN XiaoBing, FAN JunMing, YANG HuaTong, ZHANG Xuan, JIA Wei* (1354)
- Characteristics and Distribution of Lithofacies Assemblages of the Permian Lucaogou Formation in the Eastern Slope of Fukang Sag
.....*PAN Jin, LIU XinLong, LI Hui, LIU ChaoWei, LI ShuBo, CHEN Hong, WANG ZeSheng, LI ZongHao, JIN TengRui, CHEN MeiLing, ZHU XinTing, FAN XiangDong* (1366)
- Genetic Types and Development Models of Sand Bodies of the Benxi Formation in the East-Central Ordos Basin
.....*WANG Ji, WANG Feng, QI LinHe, WANG Bin, ZHAO Jian, WU JingYi, XIAO YunXiao, XU MingHui, LI Qian* (1380)
- Detrital Zircon U-Pb Geochronology Characteristics of Permian Sandstone and Its Constraints on the Tectonic Evolution of the Southern Ordos Basin.....
.....*WANG Feng, LIU XinShe, ZHAO WeiBo, ZHANG Lei, HU JianLing, TIAN JingChun, CHEN Rong, WANG Ji, WU JingYi, XIAO YunXiao* (1396)
- Petrological and Geochemical Constraints on Sedimentary Provenance of the Fuxian Formation (Lower Jurassic) Sandstones in the Northeastern Ordos Basin.....
.....*ZHANG YunWang, JIN Xin, QIAO PeiJun, LI BinBing, HONG YanZhe, CHEN YuChao, LU Gang, DU YiXing, SHI ZhiQiang* (1414)
- Characteristics of the Source-to-Sink System and Paleogeographical Pattern from the Upper Carboniferous Yanghugou Formation in Western Margin of the Ordos Basin.....
.....*ZHU ShuYue, LIU Lei, HU JianLing, CHEN Bo, WANG ZhiWei, SHI YunHe, DU XiaoWei, WANG Feng, CHEN HongDe, ZHANG ChengGong, FU SiYi, ZHANG JingQi* (1430)
- Comparative Study on the Provenance and Reservoir Characteristics of the Second and Fourth Members of the Upper Triassic Xujiache Formation in the Xinchang Area, Western Sichuan, China
.....*SU JiaLiang, LIN LiangBiao, YU Yu, WANG ZhiKang, LI YeHan* (1451)
- SEM-CL and EMPA Mineralogical Characterization of Authigenic Calcite Cement in Tight Gas Sandstone and Implications for Diagenesis: Case study of Xujiache Formation in western Sichuan Basin, China
.....*YU Yu, LIN LiangBiao, LI Zhen, MENG WanBin, TONG Kui, LIANG QingShao* (1468)
- Control of the Pattern of Tectonic-Depositional Differentiation on Shale Gas Reservoir Characteristics Within a Sequence Stratigraphic Framework: A case study from the Qiongzhusi Formation in the southwestern Sichuan Basin.....
.....*LIU RuiYin, ZHOU Wen, XU Hao, ZHOU QiuMei, CAO Qian, GAO WenLu, SONG WeiGuo, JIANG Ke, PU FeiLong, YANG GuoLiang, SHANG FuHua* (1478)
- Characteristics of Oligocene Conglomerates and Their Sedimentary Environment in the Northern Margin of West Qinling: Constraints on the tectonic setting of the Oligocene-Miocene basin
.....*CHANG XiLing, GUO JinJing, CHANG LuLu, WU YanWang, XU MengJing* (1495)
- Critical Metal Enrichments in the Aluminiferous Rock Series in the Bauxite Deposits of Guizhou Province, and Their Resource Potential
.....*DU Lin, TANG YongYong, ZHANG ShiFan, LI Yang, GONG Xin, XIANG MingKun, WEN YuanYun* (1512)
- Experimental Study of Deformation Mechanisms of Earthquake-triggered Sand Injectites
.....*LIU ZuoSong, YI XueFei, JI Xia, XIANG JianBo* (1530)
- Investigation on Elastic Parameters of Glutenite by Multi-Frequency-Band Measurements: A case study for rocks from the steep slope zone in Dongying Sag
.....*SUN Chao, YUE JianHua, CAI LaiXing, PAN DongMing* (1543)
- Application of Machine Learning for Porosity Estimation of Beach and Bar Sand Bodies in a Lacustrine Basin: A case study of the Lower Cretaceous strata in Chepaizi area, Junggar Basin, NW China
.....*ZHANG YuHang, SHI BaoHong, ZHANG YueJing, SHI HaoGuo, WEN Wen, ZHANG Yang* (1559)
- Seismic Response and Sedimentary Filling Evolution of a Delta Since the Miocene in the South Kunsong Sag
.....*HE HuaRui, LUAN XiWu, GONG LiangXuan, YE ChuanHong, YAN Heng* (1568)
- Reservoir Characteristics and Exploration Significance of the Bauxite Rock Series of Permian Taiyuan Formation in the Longdong Area of the Ordos Basin
.....*YAO JingLi, SHI XiaoHu, YANG WeiWei, ZHANG Lei, XIE LiQin, AN WenHong, WANG HuiLing, ZHANG RenYan* (1583)
- Stratigraphic Sequence Evolution in Southeastern Ordos Basin and Coal Accumulation Pattern in an Epicontinental Sea Basin
.....*FU Chao, YU XingHe, LI ShunLi, LI ShuXin, HE FaQi, PENG ZiXiao* (1598)
- Detrital Zircon U-Pb Dating and Provenance Significance of the Lower Cretaceous Yijun Formation in the Southern Ordos Basin
.....*LI JiaoLi, WANG JianQiang, PENG Heng, LI KeLiang, FENG XiaoLin, ZHANG DongDong* (1609)
- Characteristics of Lithofacies Paleogeography and Its Relationship to the Distribution of Natural Gas: A case study of sub-member Ma₅, Ordovician Majiagou Formation, northwestern Jingbian area, Ordos Basin
.....*WU ZhenZhen, GUO YanQin, ZHANG JunJie, LI BaiQiang, FEI ShiXiang, WANG QiCong, DU JiangMin* (1624)