

沉 积 学 报

Chenji Xuebao

第38卷 第1期 2020年2月

目 次

· 院士论坛 ·

- 非常规油气沉积学:内涵与展望 邱振,邹才能(1)

· 专栏·生物沉积学专辑 ·

特约专栏主编致作者

- 辽宁兴城中元古界常州沟组砂岩中微生物成因沉积构造 李晓波,王旖旎,王晗(32)

- 豫西鲁山中元古界云梦山组微生物成因沉积构造发育特征及古环境意义 邢智峰,刘云龙,付玉鑫,齐永安,郑伟(46)

- 塔里木盆地肖尔布拉克剖面肖尔布拉克组下段微生物碳酸盐岩沉积特征 宋亚芳,陈代钊,郭川,周锡强(55)

- 肥城邓家庄剖面寒武系微生物碳酸盐岩沉积序列 辛浩,肖恩照,王龙,李屹尧,张震武(64)

- 寒武纪芙蓉统均一石沉积组构及环境特征——以河北涞源长山组为例 肖恩照,王皓,覃英伦,Khalid Latif,Muhammad Riaz(76)

- 华北寒武—奥陶纪豹皮状碳酸盐岩系生物扰动成因 刘梦瑶,齐永安,史云鹤,高星,苏中堂,张立军(91)

- 二叠纪—三叠纪之交凝块石(微生物岩)的沉积成岩过程——以华南广西百色地区作登剖面为例 郭业达,杨浩(104)

- 硅质热泉沉积物的结构和微生物成矿成岩机制 石太衡,吴耿,李荣(113)

- 沉积过程对自生黄铁矿同位素的约束 刘喜停,李安春,马志鑫,董江,张凯棣,徐方建,王厚杰(124)

- 沉积地层中的黄铁矿形态及同位素特征初探——以华南埃迪卡拉纪深水相地层为例 胡永亮,王伟,周传明(138)

- 沉积地层中草莓状黄铁矿分析方法及其在古海洋学上的应用 常晓琳,黄元耕,陈中强,侯明才(150)

· 沉积与沉积矿产 ·

- 寒武系第二统仙女洞组混合沉积特征及古环境意义——以川北旺苍唐家河剖面为例 曾楷,李飞,龚崎林,唐浩,苏成鹏,车正强,邓嘉婷,胡广,李凌,曾伟,谭秀成(166)

- 峡东地区震旦纪最早期风暴沉积记录及其地质意义 蔡全升,陈孝红,周鹏,危凯,李炎桂(182)

- 滇东南麻栗坡中一下二叠统硅质岩地球化学特征及地质意义 吴超伟,侯明才,黄虎,周倩玉,罗宏谓(196)

· 油气地质、地球化学 ·

- 主要构型要素细分下的曲流河单砂体识别 陈薪凯,刘景彦,陈程,马骁(205)

- 湘中—湘南烟溪组沉积特征及页岩气勘探潜力 刘辰生,王辉,李想,邱争科,郭建华,王宗秀(218)

- 鄂尔多斯盆地镇泾地区长8致密储层成藏期临界物性厘定 史兵兵,常象春,尹伟,毛礼鑫(231)

- 封面照片:安徽巢湖向核山石炭一二叠纪地层 沈越峰 摄影

ACTA SEDIMENTOLOGICA SINICA

Vol.38 No.1 Feb. 2020

CONTENTS

Unconventional Petroleum Sedimentology: Connotation and prospect	QIU Zhen, ZOU CaiNeng(1)
Microbially Induced Sedimentary Structures (MISS) in Mesoproterozoic Changzhougou Formation Sandstone, Xingcheng Area, Liaoning Province, China	LI XiaoBo, WANG YiNi, WANG Han(32)
Characteristics of Microbially Induced Sedimentary Structures and Their Paleoenvironmental Significance from the Mesoproterozoic Yunmengshan Formation in Lushan Area, Western Henan	XING ZhiFeng, LIU YunLong, FU YuXin, QI YongAn, ZHENG Wei(46)
Depositional Characteristics of Microbial Carbonates from the Lower Xiaoerbulak Formation in the Xiaoerbulake Section, Tarim Basin	SONG YaFang, CHEN DaiZhao, GUO Chuan, ZHOU XiQiang(55)
Sedimentary Succession of Cambrian Microbial Carbonates at Dengjiazhuang Section at Feicheng	XIN Hao, XIAO EnZhao, WANG Long, LI YiYao, ZHANG ZhenWu(64)
Sedimentary Fabrics and Environmental Characteristics of Leiolite in Cambrian: A case study from the Changshan Formation in Laiyuan city, Hebei province	XIAO EnZhao, WANG Hao, QIN YingLun, Latif Khalid, Muhammad Riaz(76)
Formation Mechanism of Cambrian-Ordovician Bioturbated Dolomites in North China	LIU MengYao, QI YongAn, SHI YunHe, GAO Xing, SU ZhongTang, ZHANG LiJun(91)
Sedimentary and Diagenetic Processes of Thrombolites near the Permian-Triassic Boundary in the Zuodeng Section, Baise Area, Guangxi Province, South China	GUO YeDa, YANG Hao(104)
Structures of Siliceous Hot Spring Deposits and Mechanism of Microbial Mineralization and Diagenesis	SHI TaiHeng, WU Geng, LI Rong(113)
Constraint of Sedimentary Processes on the Sulfur Isotope of Authigenic Pyrite	LIU XiTing, LI AnChun, MA ZhiXin, DONG Jiang, ZHANG KaiDi, XU FangJian, WANG HouJie(124)
Morphologic and Isotopic Characteristics of Sedimentary Pyrite: A case study from deepwater facies, Ediacaran Lantian Formation in South China	HU YongLiang, WANG Wei, ZHOU ChuanMing(138)
The Microscopic Analysis of Pyrite Framboids and Application in Paleo-oceanography	CHANG XiaoLin, HUANG YuanGeng, CHEN ZhongQiang, HOU MingCai(150)
Characteristics and Paleoenvironmental Significance of Mixed Siliciclastic-Carbonate Sedimentation in the Xiannüdong Formation, Cambrian (Series 2): A case study from the Tangjiahe Section, Wangcang, northern Sichuan	ZENG Kai, LI Fei, GONG QiaoLin, TANG Hao, SU ChengPeng, CHE ZhengQiang, DENG JiaTing, HU Guang, LI Ling, ZENG Wei, TAN XiuCheng(166)
Early Sinian Storm Deposits in the Eastern Yangtze Gorges Area and their Geological Significance	CAI QuanSheng, CHEN XiaoHong, ZHOU Peng, WEI Kai, LI YanGui(182)
Geochemical Features of the Middle-Lower Permian Cherts in Malipo, Southeastern Yunnan, and the Geological Signification	WU ChaoWei, HOU MingCai, HUANG Hu, ZHOU QianYu, LUO HongWei(196)
Identifying Single Sand Bodies in Meandering River Deposits Based on Subdivision of Main Architecture Elements	CHEN XinKai, LIU JingYan, CHEN Cheng, MA Xiao(205)
Sedimentary Characteristics and Exploration Potential for Shale Gas in Yanxi Formation, Central and Southern Hunan	LIU ChenSheng, WANG Hui, LI Xiang, QIU ZhengKe, GUO JianHua, WANG ZongXiu(218)
Determination of Lower Limits of Critical Properties of Chang 8 Tight Sandstone Reservoirs, Zhenjing Block, Ordos Basin	SHI BingBing, CHANG XiangChun, YIN Wei, MAO LiXin(231)