



ISSN 1673-5005
CN 37-1441/TE

中国石油大学

JOURNAL OF CHINA UNIVERSITY OF PETROLEUM

学报

自然科学版

美国《工程索引》(EI) 收录期刊
全国百强科技期刊
中国国际影响力优秀学术期刊
《中文核心期刊要目总览》期刊
《中国科学引文数据库》来源期刊
中国科技核心期刊 (中国科技论文统计源期刊)
RCCSE 中国权威学术期刊 (A⁺)

2021·2

第 45 卷 第 2 期 总第 244 期

Vol.45 No.2 Sum.244

ZHONGGUO SHIYOU DAXUE XUEBAO

主办单位：中国石油大学(华东)

万方数据

· 石油地质与勘查工程 ·

基于支持向量机算法的辫状河储层砂体连通性定量评价

…… 何 辉, 刘 畅, 李顺明, 徐守余, 陈 修, 王百宁(1)

琼东南盆地北部地区变换带构造特征及地质意义

…… 赵海涛, 童亨茂(11)

伊拉克 M 油田 Mishrif 组生物扰动作用

…… 李峰峰, 王振彪, 郭 睿, 刘立峰, 余义常, 宋世琦(21)

四川盆地元坝地区须家河组须三段储层古压力演化及主控因素

…… 刘景东, 张存剑, 蒋有录, 王良军, 曾 韬, 王 威(31)

油气由凹陷区断裂输导向斜坡区砂体输导转换部位预测方法

…… 付 广, 韩 旭(42)

滇黔北地区筇竹寺组元素地球化学特征及古环境意义

…… 王鹏万, 邹 辰, 李娴静, 马立桥, 蒋立伟, 贾 丹, 梅 珏, 黄 玲, 陈向阳, 李庆飞(51)

· 石油钻采工程 ·

页岩气压裂条件下断层滑移及其影响因素

…… 李 军, 赵超杰, 柳贡慧, 张 辉, 张 鑫, 任 凯(63)

双水平井斜井段导向钻井快速磁测距计算方法

…… 刁斌斌, 高德利, 穆 凡, 张 森(71)

外压与弯矩组合载荷作用下筛管压溃载荷计算

…… 付光明, 彭玉丹, 孙宝江, 郭永宾, 高永海, 蓝祖平, 金学义(78)

微-纳尺度孔隙不同类型流体的赋存状态数学模型

…… 东晓虎, 陈掌星, 刘慧卿, 刘一杉, 罗岐岚, 吴克柳, 赵 斌, 郑轶丹(87)

关井效应对酸压裂缝刻蚀形貌与导流能力影响

… 刘 超, 苟 波, 管晨呈, 郭建春, 李 骁, 王香增, 魏登峰, 郝世彦, 申 峰, 王念喜(96)

超深巨厚油藏顶部注烃气提高采收率调控机制
..... 韩海水, 周代余, 王 丽, 俞宏伟, 范 坤, 周 炜, 张 可(104)

· 石油机械工程 ·

泡沫清管器过盈量计算及其对清管效果影响
..... 刘建林, 徐香玲, 程永桂, 张 云(111)

浮式钻井补偿绞车方案设计和性能仿真
..... 黄鲁蒙, 张彦廷, 沈 蓉, 王丽君, 李悦江, 陈敬凯(120)

基于油气开采的海上油田中长期电力负荷预测
..... 王艳松, 赵 惺, 李 强, 李 雪, 魏 澈(127)

超声临界折射纵波测量应力的温度影响
..... 李玉坤, 于文广, 李玉星, 张 玉, 陶建中, 程 磊(134)

含外表面轴向裂纹管道评估模型预测精度统计推断
..... 郭凌云, 周 晶(141)

· 化学工程 ·

桦甸油页岩有氧热解反应及其产物分布
..... 孙友宏, 徐绍涛, 杨秦川, 赖 城, 郭明义(149)

LaCoO₃ 钙钛矿氧化物的环己烯环氧化性能
..... 石 斌, 章 彬, 张学龙, 刘 欢, 钱洋慧, 阮小云, 李忠涛(157)

KOH 改性石墨烯对甲苯的吸附动力学及吸附机制
..... 刘 芳, 李 孟, 李雨薇, 齐学进, 李 炜, 赵朝成, 韩丰磊(163)

亚甲基蓝污泥基吸附剂的制备及其性能评价
..... 陈 爽, 郑宛镗, 顾 婧, 娄国生, 王 艺(173)

MEA 法碳捕集工艺再生塔能耗优化
..... 赵东亚, 王家凤, 田群宏, 陆诗建(181)

本期
英文
编审

李志
芬

刘为
清

微
机
排
版

杨
丽

技
术
编
辑

韩
国
良

CONTENTS

PETROLEUM GEOLOGY AND GEOPHYSICAL EXPLORATION ENGINEERING

Quantitative evaluation of sand body connectivity in braided river reservoirs based on support vector
machine algorithm *HE Hui, LIU Chang, LI Shunming, XU Shouyu, CHEN Xiu, WANG Baining*(1)

Characteristics and significance of transfer zone in northern Qiongdongnan Basin, South China Sea
..... *ZHAO Haitao, TONG Hengmao*(11)

Bioturbation of Mishrif Formation in M Oilfield, Iraq
..... *LI Fengfeng, WANG Zhenbiao, GUO Rui, LIU Lifeng, YU Yichang, SONG Shiqi*(21)

Paleo-pressure evolution of reservoir and its main controlling factors in the Third Member of Xujiache Formation
in Yuanba area, Sichuan Basin
..... *LIU Jingdong, ZHANG Cunjian, JIANG Youlu, WANG Liangjun, ZENG Tao, WANG Wei*(31)

Methodology for predicting transfer position of oil and gas transmission from fault in depression to sand body
in slope area *FU Guang, HAN Xu*(42)

Geochemical characteristics of element Qiongzhusi Group in Dianqianbei area and paleoenvironmental significance
..... *WANG Pengwan, ZOU Chen, LI Xianjing, MA Liqiao, JIANG Liwei, JIA Dan, MEI Jue, HUANG Ling, CHEN Xiangyang, LI Qingfei*(51)

PETROLEUM DRILLING AND PRODUCTION ENGINEERING

Assessment of fault slip in shale formation during hydraulic fracturing and its influence factors
..... *LI Jun , ZHAO Chaojie, LIU Gonghui, ZHANG Hui, ZHANG Xin, REN Kai*(63)

A fast magnetic-ranging calculation method for steerable drilling in bulid-up section of twin parallel
horizontal wells *DIAO Binbin, GAO Deli, MU Fan, ZHANG Sen*(71)

Collapse pressure calculation of sand control screen tube under combined external pressure and bending
..... *FU Guangming, PENG Yudan, SUN Baojiang, GUO Yongbin, GAO Yonghai, LAN Zuping, JIN Xueyi*(78)

Mathematical modeling for occurrence state of hydrocarbon sin micro/nano-scale pores
...*万方数据* *DONG Kaohu, CHEN Zhangxing, LIU Huiqing, LIU Yishan, LUO Qilan, WU Keliu, ZHAO Bin, ZHENG Yidan*(87)

Effect of well shut-in on acid etching morphology and conductivity

..... *LIU Chao, GOU Bo, GUAN Chencheng, GUO Jianchun, LI Xiao, WANG Xiangzeng, WEI Dengfeng, HAO Shiyan, SHEN Feng, WANG Nianxi*(96)

Regulation mechanism of EOR for natural gas crestal injection in super deep and thick reservoir

..... *HAN Haishui, ZHOU Daiyu, WANG Li, YU Hongwei, FAN Kun, ZHOU Wei, ZHANG Ke*(104)

PETROLEUM MECHANICAL ENGINEERING

Interference calculation of foam pigging and its effect on pigging effect

..... *LIU Jianlin, XU Xiangling, CHENG Yonggui, ZHANG Yun*(111)

Scheme design and performance simulation of floating drilling compensation winch

..... *HUANG Lumeng, ZHANG Yanting, SHEN Rong, WANG Lijun, LI Yuejiang, CHEN Jingkai*(120)

Medium and long term power load prediction of offshore oil field based on oil and gas exploitation

..... *WANG Yansong, ZHAO Xing, LI Qiang, LI Xue, WEI Che*(127)

Effect of temperature on measurement of stress by ultrasonic critical refractive longitudinal wave

..... *LI Yukun, YU Wenguang, LI Yuxing, ZHANG Yu, TAO Jianzhong, CHENG Lei*(134)

Statistical inference on prediction accuracy of evaluation models for a pipeline with axial surface cracks

..... *GUO Lingyun, ZHOU Jing* (141)

PETROLEUM CHEMICAL ENGINEERING

Oxidizing pyrolysis of Huadian oil shale and its product distribution

..... *SUN Youhong, XU Shaotao, YANG Qinchuan, LAI Cheng, GUO Mingyi*(149)

Epoxidation of cyclohexene on LaCoO₃ perovskite oxides

..... *SHI Bin, ZHANG Bin, ZHANG Xuelong, LIU Huan, QIAN Yanghui, RUAN Xiaoyun, LI Zhongtao*(157)

Adsorption kinetics and mechanism of toluene on KOH modified graphene

..... *LIU Fang, LI Meng, LI Yuwei, QI Xuejin, LI Wei, ZHAO Chaocheng, HAN Fenglei*(163)

Preparation and performance evaluation of methylene blue sludge-based adsorbent

..... *CHEN Shuang, ZHENG Wanlan, GU Jing, LOU Guosheng, WANG Yi*(173)

Energy consumption optimization of regeneration tower for MEA CO₂ capture process

..... *ZHAO Dongya, WANG Jiafeng, TIAN Qunhong, LU Shijian*(181)
万方数据