

目次

企业政工

- 党建引领“安全我负责”的气田特色安全管理模式的实践 郭晓飞, 马士龙 1
- 扁平化架构下党支部抓实中心工作探索 任厚霖 4

市场与运营

- 国际工程项目全过程合同管理研究 百纪锋 7
- 石油化工施工企业工程项目成本管理与控制 吴虹 10
- 国际项目商务实践中的不可抗力问题分析与管理 安军, 杨希奇, 孙晨曦, 唐宽婧, 孙薇 13
- 优化石油化工建设项目工程造价管理的措施 方元 16
- 地方政府推进化工产业集群发展的策略研究 王克明, 张建玲, 杨永启, 丁勇, 李建业, 闫友军 19
- 油田化学品生产企业的承包商管理 田思雨 22
- 包覆沥青的制备方法及其市场分析 陈月亮, 王佳兵, 尹勇勇, 李晓翔, 李庆耀, 秦凤祥 26

人才培养

- 创新型药学人才培养模式的实践研究 隋丽丽, 苗丽华, 金戈, 任群翔, 孙雅婷, 岳佳音, 栾天 30
- 基于内驱力提升的闯关式实践教学探索 张芳, 张景梅, 王海龙 33
- 思政元素融入“工业药剂学实验”的教学改革探索与实践 蔡杰慧, 郑燕菲, 郑广进, 曾振芳 36
- 地方普通本科高校无机化学一流课程建设的探索和实践 朱禹, 宋娟, 刘静, 储皓 39
- 有机化学线上线下混合式教学模式的探索 徐小娜, 侯党社, 李祯, 张婧 42
- 基于“三化”的化工原理课程思政教育的探索与实践 公丹丹, 陈英 46
- CO₂第二维里系数测定实验教学中的启发式思考与延展性训练
..... 黎小辉, 曹以飞, 冀浩文, 夏伟, 姜世越, 黄风林 50
- 基于学科竞赛的应用型本科高校人才培养模式探究 刘艳丽, 王超男, 白利忠 54
- 新时代物理化学课程思政教学的探索与实践 田喜强, 董艳萍, 赵东江, 白晓波, 刘旭阳 58
- 制药工程专业简明化工制图课程教学改革探索 徐杰, 罗康, 马田林 62
- 新工科背景下的化学工程与工艺应用型人才培养模式探索 赵一博, 张东恩, 何文静 66

技术与信息

- 致密油储层体积压裂技术研究 石长富 70
- 四川盆地达州中侏罗统凉高山组沉积特征及油气地质意义 徐鑫寿, 吴湘, 庞文强, 钱子桐 73
- 大型零件粉末涂装的应用现状与发展趋势 高晓娟, 李月林 76
- 一种井下摩擦系数校正方法研究 郭修成, 常杨, 钟健, 姜哲人 79

目次

生物降解塑料的研究与应用现状 程国仁, 宗文, 李均, 崔海玲, 陈科杰 84

安全管理

建设安全规范配位化学实验室的方法研究 马庆, 赵雨霄, 白亮 93

基于杜邦安全管理模型的企业安全管理研究 胡强 97

设备运维

循环氢压缩机连杆螺栓断裂原因分析 刘斌, 柴卓, 胡波, 王国鹏 102

LNG储罐建设隔震垫安装优化 秦玉良 105

海洋平台金属管线安装质量控制要点 朱绍锋 108

海上油田负压射孔管柱结构设计研究与应用 阮刚, 陈志德 111

沿海化工机械设备腐蚀缺陷管理探究 李长寿, 张素君 115

透平电站控制系统失效带来的设备管理探讨 宁超 119

智慧撬装小屋在长输管道阀室中的设计与实现 秦海仑, 朱炜 123

危险化学品常压储罐定期检验管理探讨 陈思强, 王金玮 127

工艺管控

固体废物毒杀芬测定的实验分析方法优化 赵雅娟, 冯丽芳, 王璐 132

15%咯菌·噁霉灵种子处理可分散粉剂的配方研究 陈爱东 135

苏里格气田泡沫排水用起泡剂的优选 付亮亮, 陈力, 段晓鹏, 胡松青, 孙霜青, 王素稳, 胡美玲 139

致密油藏纳米压驱复合液性能评价与应用 李忠宝, 刘俊辰, 张硕, 谢琳, 于永, 刘文浩 143

大位移、大斜度井压裂充填工艺设计及应用 张文博, 徐凤祥, 张伦, 倪涛, 杨立军, 郑九洲 147

采用Rietveld精修, 谢乐公式以及Williamson-Hall法分析不同煅烧温度TiO₂的晶粒尺寸
..... 刘娟丽, 吴蓉, 祖一丹, 肖家逊, 张斌, 邹函君 151

利格列汀片的制备及体外释放研究 张磊, 郭建鹏, 姜庆伟 156

油气田开采流程的甲烷源项分析 李峰, 刘陈晨, 戴安国, 赵风杰, 卢磊 161

彩页说明

彩页1——华夏龙都·魅力濮阳

彩页2——濮阳新型化工基地

彩页3——山东恒源石油化工有限公司

彩页4——2023年度《化工管理》征订单

CONTENTS

Enterprise Political Work

- Practice of Gas Field Characteristic Safety Management Mode of “Safety is My Responsibility” Led by Party Building
..... GUO Xiao-fei, MA Shi-long 1
- Exploring the Party Branch’s Focusing on the Central Work under the Flat StructureREN Hou-lin 4

Market and Business

- Research on the Whole Process Contract Management of International Engineering ProjectsBAI Ji-feng 7
- Project Cost Management and Control of Petrochemical Construction Enterprise WU Hong 10
- Analysis and Application of Force Majeure Event in International Project Management
.....AN Jun, YANG Xi-qi, SUN Chen-xi, TANG Kuan-jing, SUN Wei 13
- Measures of Optimizing the Engineering Cost Management of Petrochemical Construction Projects FANG Yuan 16
- Research on Countermeasures for Local Government to Accelerate the Development of Chemical Industry Cluster
..... WANG Ke-ming, ZHANG Jian-ling, WU De-jie, YANG Yong-qi, DING Yong, LI Jian-ye, YAN You-jun 19
- Discussion on Contractor Management of Oilfield Chemical Production EnterprisesTIAN Si-yu 22
- Preparation Methods and Market Analysis of Coating Pitch
..... CHEN Yue-liang, WANG Jia-bing, YIN Yong-yong, LI Xiao-xiang, LI Qing-yao, QIN Feng-xiang 26

Personnel Culturing

- Practical Research on Training Mode of Innovative Pharmaceutical Talents
..... SUI Li-li, MIAO Li-hua, JIN Ge, REN Qun-xiang, SUN Ya-ting, YUE Jia-yin, LUAN Tian 30
- Exploration of Customs-breaking Practice Teaching based on the Promotion of Internal Drive
.....ZHANG Fang, ZHANG Jing-mei, WANG Hai-long 33
- Exploration and Practice on Teaching Reform of Integrating Ideological and Political Elements into Industrial
Pharmacy ExperimentCAI Jie-hui, ZHENG Yan-fei, ZHENG Guang-jin, ZENG Zhen-fang 36
- Exploration and Practice of First-class Course Construction of “Inorganic Chemistry” in Local General Undergraduate
Colleges and UniversitiesZHU Yu, SONG Juan, LIU Jing, CHU Hao 39
- Exploration of Online and Offline Hybrid Teaching Model on Organic Chemistry
.....XU Xiao-na, HOU Dang-she, LI Zhen, ZHANG Jing 42
- “Three Characteristics”-based Exploration of Ideological and Political Education in the Chemical Engineering Principles
Course GONG Dan-dan, CHEN Ying 46
- Heuristic Thinking and Extensible Training to the Measurement of the Second Virial Coefficient for CO₂ in the
Experimental Teaching LI Xiao-hui, CAO Yi-fei, JI Hao-wen, XIA Wei, JIANG Shi-yue, HUANG Feng-lin 50
- Research on Talent Training Mode of Applied Undergraduate Colleges of Materials based on Subject Competition
..... LIU Yan-ying, WANG Chao-nan, BAI Li-zhong 54
- Exploration and Practice of Course Ideology and Politics Teaching in Physical Chemistry Course under New Era
.....TIAN Xi-qiang, DONG Yan-ping, ZHAO Dong-jiang, BAI Xiao-bo, LIU Xu-yang 58
- Exploration on Teaching Reform of “Concise Chemical Drawing Course” for Pharmaceutical Engineering Specialty
..... XU Jie, LUO Kang, MA Tian-lin 62
- Exploring the Cultivation Mode of Application-oriented Talents in Chemical Engineering and Technology under the
Background of New Engineering Education ZHAO Yi-bo, ZHANG Dong-en, HE Wen-jing 66

Technology and Information

- Research on Volume Fracturing Technology for Tight Oil ReservoirsSHI Chang-fu 70

CONTENTS

Sedimentary Characteristics and Hydrocarbon Geological Significance of the Middle Jurassic Lianggaoshan Formation in Dazhou, Sichuan Basin.....	XU Xin-shou, WU Xiang, PANG Wen-qiang, QIAN Zi-tong	73
Application Status and Development Trend of Powder Coating of Large Parts	GAO Xiao-juan, LI Yue-lin	76
Research on a Correction Method of Underground Friction Coefficient	GUO Xiu-cheng, CHANG Yang, ZHONG Jian, JIANG Zhe-ren	79
Status of Research and Application of Biodegradable Plastics	CHENG Guo-ren, ZONG Wen, LI Jun, CUI Hai-ling, CHEN Ke-jie	84
Safety Management		
Research on the Method of Constructing Safety and Standardized Coordination Chemistry Laboratory	MA Qing, ZHAO Yu-xiao, BAI Liang	93
Research on Enterprise Safety Management based on DuPont Safety Management Model	HU Qiang	97
Equipment Operation and Maintenance		
Cause Analysis of Connecting Rod Bolt Fracture of Recycle Hydrogen Compressor	LIU Bin, CHAI Zhuo, HU Bo, WANG Guo-peng	102
Optimization of Installation of Isolation Bearing for LNG Storage Tank Construction	QIN Yu-liang	105
Key Points of Quality Control for Metallic Piping Installation of Offshore Platform.....	ZHU Shao-feng	108
Research and Application of Structural Design of Negative Pressure Perforating String in Offshore Oilfield	RUAN Gang, CHEN Zhi-de	111
Research on Corrosion Defect Management of Coastal Chemical Machinery and Equipment	LI Chang-shou, ZHANG Su-jun	115
Discussion on Equipment Management based on Control System Failure of Turbine Generator	NING Chao	119
Design and Implementation of Smart Skid-mounted Hut in Valve Room of Long-distance Pipeline	QIN Hai-lun, ZHU Wei	123
Discussion on Regular Inspection Management of Atmospheric Tanks for Dangerous Chemicals	CHEN Si-qiang, WANG Jin-wei	127
Process Control		
Optimization of Experimental Analysis Method for Determination of Toxaphene in Solid Waste	ZHAO Ya-juan, FENG Li-fang, WANG Lu	132
Study on the Formulation of Fludioxonil+Hymexazol 15% WS	CHEN Ai-dong	135
Optimization and Field Application of Bubble Discharge Agent in Sulige Gas Field	FU Liang-liang, CHEN Li, DUAN Xiao-peng, HU Song-qing, SUN Shuang-qing, WANG Su-wen, HU Mei-ling	139
Experimental Evaluation of Nano-composite Fluid Stimulation and Field Application of Tight Oil Reservoir Fracturing	LI Zhong-bao, LIU Jun-chen, ZHANG Shuo, XIE Lin, YU Yong, LIU Wen-hao	143
Application of Gravel Packing and Sand Control Technology in Extended Reach	ZHANG Wen-bo, XU Feng-xiang, ZHANG Lun, NI Tao, YANG Li-jun, ZHENG Jiu-zhou	147
Crystalline Size of TiO ₂ at Calcination Temperature with by Rietveld Refinement, Debye-Scherrer and Williamson-Hall Method	LIU Juan-li, WU Rong, ZU Yi-dan, XIAO Jia-xun, ZHANG Bin, ZOU Han-jun	151
Research on Preparation Process and In-vitro Release Behavior of Linagliptin Tablets	ZHANG Lei, GUO Jian-peng, JIANG Qing-wei	156
Methane Source Term Analysis of Oil and Gas Field Production Process	LI Feng, LIU Chen-chen, DAI An-guo, ZHAO Feng-jie, LU Lei	161