

总 目 次

材料科学与工程

- 磁性介孔材料的制备及其亚甲基蓝降解性能 谢焕玲, 唐川, 龙俊, 谭树林, 王颖(1-43)
胶乳混合法制备炭黑/天然橡胶胶乳纳米复合材料 李悦, 刘锦旗, 刘明(1-50)
有机近红外电致发光材料研究进展 朱卫国, 张友明, 熊雯婧, 游财发, 吴秀刚, 朱梦冰, 王亚飞(3-1)
Al5TiB 变质处理对 Zn-6Al-3Mg 合金显微组织与力学性能的影响
..... 王建华, 邵伯金, 吉宏祥, 涂浩, 苏旭平(3-23)
PPy@In-BDC 复合材料的制备与表征
..... 田俐, 王会锋, 李岩, 陈善民, 刘强, 罗奇, 郭珍, 邬发发, 李英杰, 林彬彬(3-28)
膦腈碱催化甲基丙烯酸烯丙酯的基团转移聚合反应
..... 杨宏军, 孙爱斌, 柴晨琼, 黄文艳, 薛小强, 蒋必彪(4-1)
一类含砜基和三氟甲基结构可溶性聚酰亚胺 汪称意, 曹世杰, 陈文涛, 赵晓燕, 李坚, 任强(4-7)
聚甲基丙烯酸甲酯-co-环氧大豆油接枝共聚物的合成及性能 李坚, 唐宝坤, 任强, 汪称意(5-1)
硼添加剂对背钝化太阳能电池的性能影响及机理研究 ... 刘长海, 张进, 陈智栋, VITYUK Sergey (5-9)
石蜡接枝马来酸酐对碳化钨粉末注射成形专用料性能的影响 章诚, 史安康, 曹峰, 吴盾(5-17)
长共轭桥的分子材料在太阳能电池中的应用 张婧, 许林军, 袁宁一, 丁建宁(6-17)
主链含磷液晶聚酯的合成及性能研究 杨荣, 孙俊, 李锦春(6-25)

化学化工

- 2,4,8,10-四氧杂螺[5.5]十一烷的结构研究 李正义, 解广洲, 殷乐, 沈银凯, 孙小强(2-1)
FCC 提升管内气液固三相流动的数值模拟研究 刘英杰, 杨基和, 蓝兴英, 高金森(2-7)
SnCl₄ 催化玉米芯高效制备乙酰丙酸的工艺研究 卿青, 郭琪, 周琳琳, 高晓航, 张跃(2-14)
两步水热法合成磺酸功能化碳质纳米微球及其催化性能研究 雷冲, 毛辉麾, 张忠明, 王倩倩(2-23)
用于环己烷氧化的 Co₃O₄/海泡石催化剂的制备和第一性原理研究
..... 唐永翔, 董晓晗, 韩焱, 权熙程, 陈瑞, 戴友芝(2-30)
氨气功能化活性炭高效催化脑文格缩合反应 薛冰, 刘香梅, 李秋雨, 柳娜, 李永昕(3-34)

- 水热法合成 NCQD/BiOCl 复合物及其光催化分解水性能 邬纯晶, 杨超, 曹剑瑜, 陈智栋, 许娟(3-41)
- 质子型离子液体/功能 SiO₂复合高温质子交换膜的制备与表征 储富强, 储徐烽, 祝缓缓, 徐斐, 丁建宁(4-14)
- γ-MnO₂/海泡石-凹凸棒土低温脱硝催化剂研究 谢爱娟, 罗士平, 陶宇炜, 屠美倩(4-21)
- 磁性材料固定化脂肪酶的制备及其催化性能研究 张宇, 周少敏, 朱孝霖, 荣艳, 蔡金燕, 郭静, 蔡志强(4-30)
- 元素含量分析应用于泰国香米原产地鉴别 赵旭, 王丙涛, 张思娴, 靳保辉, 赵琼晖, 梁淑雯, 颜治, 陈波, 谢丽琪(4-36)
- 生物质高温热还原金属氧化物热分析研究 马婷婷, 李森, 唐波, 任天麒, 朱跃钊(4-41)
- 超临界压力下正癸烷在螺旋管内流动与传热特性的数值模拟 何阔, 鲍泽威, 雷志良, 黄琴, 李象远(5-51)
- 2-苯甲酰基吲哚的合成研究 缪春宝, 郑安琪, 杨海涛(5-58)
- 基于固-液平衡和 Erying 绝对速率理论推算丁二酸酐液体黏度 王俊, 欧杰, 韶晖, 冷一欣(5-64)
- 邻菲罗啉铋配合物的制备、结构及催化性能 陈圣春, 史娟, 何明阳, 陈群(6-1)
- 以抗坏血酸为还原剂的靛蓝染色工艺研究 汪媛, 陆涛, 张聪, 纪俊玲, 陈群(6-9)
- 环境科学与工程**
- 新型厌氧膜生物反应器城市污泥消化研究 董良飞, 周凯迪(1-1)
- 含油浮渣化学除油工艺条件的优化研究 张凤娥, 陈皖(1-9)
- 碳酸盐矿化菌固结重金属离子 Cu²⁺的研究 赵兴青, 成艳, 孙秀云, 王莲莲(1-15)
- 多孔壳聚糖印迹聚合物吸附分离阿莫西林性能研究 王泽军, 欧红香, 王利平, 杜尔登, 丁建宁(2-37)
- 深红红螺菌在 MFC 中电子传递机制与产电量研究 冯俊生, 孙卓, 陈曼佳, 刘亮, 李娜(2-45)
- 基于响应曲面法的生物质多孔碳工艺参数研究及应用 查建华, 杨彦, 冯昊瑜, 程时, 袁宁一, 沈钱勇(2-53)
- 狐尾藻腐烂过程中 DOM 的三维荧光光谱特征 冯胜, 袁斌(4-46)

江苏省 PM2.5 污染现状分析及建筑室外 PM2.5 设计质量浓度确定 季银炼, 张钧波, 宋佳(4-53)

UV/H₂O₂工艺处理污水厂尾水 CDOM 的三维荧光分析 杜尔登, 王聿琳, 樊鑫鑫, 王晓艳, 李静, 王利平(6-53)

河道淤泥固化剂研发与机理探究 刘金, 王毅, 董良飞(6-59)

铅污染土壤的电动修复实验研究 万玉山, 韩惠, 沈梦, 温馨, 王明新(6-66)

机械制造及其自动化

汽车车灯成品质量测试系统设计 戎海龙, 王雪, 张晓花, 马正华(1-55)

轮胎上下料机械手的设计及其动力学特性分析 杨森, 沈惠平, 强恒存, 邓嘉鸣, 刘金石, 张有斌(1-61)

套管钳齿轮传动系统的仿真分析 裴峻峰, 宋于鹏, 刘志刚, 陈杰, 仲建军(2-63)

一种新型低耦合并联操作手及其运动学 邓嘉鸣, 邵国为, 李家宇, 孟庆梅, 沈惠平, 杨廷力(3-50)

一种用于动车车轮缺陷自动检测的超声波探头机构 马龙, 邓嘉鸣(3-62)

非接触式余弦转子泵及流场数值分析 邹旻, 孔德昂, 朱英杰, 吴良才(4-59)

高速列车车身结构声振特性分析 耿卓, 张学飞(4-64)

微曝氧化沟水力特性和气泡羽流传质规律研究 许晓飞, 魏文泽, 曾倩, 刘凤霞, 刘志军(5-23)

非对称布管的挠性管板热固耦合参数优化仿真设计 王垒智, 董金善, 王建军(5-32)

三平移一转动四维并联振动筛主机构优选 李菊, 曾氢菲, 沈惠平, 邓嘉鸣, 强恒存, 吴晓(5-42)

石油与天然气工程

热流固耦合作用下热采井套管承载有限元分析 朱庆杰, 尹晓, 赵晨, 李雪(1-70)

三维地质建模及其粗化结果检验 师昊, 李占东, 梁顺(1-76)

塔中地区碳酸盐岩地层压力监测应用研究 邓嵩, 夏一程, 赵虹宇, 刘成, 窦祥骥, 曹文科(3-71)

CPC 聚光光导照明系统的应用研究 陈海飞, 金懿豪, 郭晶晶, 曹冰倩, 陆莉鋆, 王金良(3-77)

裂缝性地层坍塌压力分析 曹文科, 谭强, 何岩峰, 邓嵩, 高敏, 刘星辰, 汪洋(5-70)

束缚水饱和度应力敏感致密气井动态特征研究 窦祥骥, 林恺, 何岩峰, 王相, 刘成, 赵虹宇(5-75)

长输天然气管道泄漏扩散影响范围的数值模拟研究 纪虹, 张高, 赵恭宇, 王德起, 黄维秋(6-31)

基于均衡驱替理念的非均质油藏井组设计方法 王相, 何岩峰, 冯其红, 窦祥骥, 徐慧, 王浩宇(6-41)

注水井附加压降的研究与应用 卢轶宽, 柴世超, 何 滨, 杨友国, 李 想, 阮新芳, 邹德昊, 吴 卓(6-47)

计算机与信息工程

基于用户鼠标行为的身份认证方法 陈 功, 朱佳俊, 施 勇, 薛 质(2-69)

融合用户评论的矩阵分解推荐算法 胡胜利, 谭 青(4-69)

一种车牌快速矫正算法 王诗钧, 印佳奇, 徐靖峰, 李 振, 梁久桢(4-76)

基于北斗的室内外无缝定位系统 诸燕平, 何可人, 戎海龙, 陈 阳(6-87)

生物医学工程

白鲜皮的药理作用及抗炎活性成分研究进展 周晓鹰, 陈 洁, 金 柳, 魏 涛(1-82)

氧化石墨烯修饰壳聚糖基支架的构建及其作为骨修复材料的研究

..... 刘 杨, 张中勋, 伍铭慧, 秦 勇, 邓林红(1-87)

沙门氏菌 ATCC 13311 脂多糖及类脂 A 的提取及纯化 薛丽芝(2-87)

哮喘疾病中肥大细胞与气道平滑肌细胞的相互作用 周晓鹰, 魏 涛(4-87)

肥大细胞在肿瘤血管新生中的作用 周晓鹰, 蒋 媛, 魏 涛(5-81)

阿尔茨海默病动物模型神经行为学评价方法研究进展

..... 董 雯, 王守安, 陈秀娇, 张金添, 郑伟男, 林心怡(5-87)

安全工程

基于蒙特卡罗模拟的光伏电站运行风险评估 毕海普, 雷伟刚, 姜晓雨, 袁雄军, 王凯全(1-22)

有毒气体对含菌超细水雾降解与抑制甲烷爆炸的影响研究

..... 杨 克, 张 平, 纪 虹, 左嘉琦, 郝永梅, 邢志祥(1-28)

粉尘在线监测与事故预警系统关键技术研发 袁雄军, 王洪元, 王 军, 张慎昊(1-35)

基于系统动力学的燃气发电企业安全管理数学模型研究 高崇阳, 邵 辉(3-84)

土木工程

地震激励下相邻建筑结构碰撞动力响应分析 冯晓九, 丁 琦, 许桦楠, 李其成(2-77)

饱和颗粒土冻胀末透镜体演变数值模拟 胡 坤, 封金财, 杨 兆(6-72)

特高混凝土坝变形时变效应特征分析 王少伟, 包腾飞(6-79)

Total Contents

Materials Science and Engineering

- Preparation for Magnetic Mesoporous Composites and Study on Performance of Degradation for Methylene Blue XIE Huanling, TANG Chuan, LONG Jun, TAN Shulin, WANG Ying(1-43)
 Preparation of Nanocomposite Materials of Carbon Black/ Natural Rubber Latex by Latex Mixing Method LI Yue, LIU Jinqi, LIU Ming(1-50)
 Research Progress in Near-Infrared Organic Electroluminescent Materials ZHU Weiguo, ZHANG Youming, XIONG Wenjing, YOU Caifa, WU Xiugang, ZHU Mengbing, WANG Yafei(3-1)
 Effect of Modification on Microstructure and Properties of Zn-6Al-3Mg Alloy by Al₅TiB WANG Jianhua, SHAO Bojin, JI Hongxiang, TU Hao, SU Xuping(3-23)
 Preparation and Characterization of the PPy@In-BDC Composite Material TIAN Li, WANG Huifeng, LI Yan, CHEN Shanmin, LIU Qiang, LUO Qi, GUO Zhen, WU Fafa, LI Yingjie, LIN Binbin(3-28)
 Phosphazene Bases Catalyzed Group Transfer Polymerization of Allyl Methacrylate YANG Hongjun, SUN Aibin, CHAI Chenqiong, HUANG Wenyan, XUE Xiaoqiang, JIANG Bibiao(4-1)
 A Series of Soluble Polyimides Containing Sulfone and Trifluoromethyl Gourps WANG Chenyi, CAO Shijie, CHEN Wentao, ZHAO Xiaoyan, LI Jian, REN Qiang(4-7)
 Synthesis and Properties of Poly(Methyl Methacrylate)-co-Epoxydized Soybean Oil Graft Copolymers LI Jian, TANG Baokun, REN Qiang, WAHG Chenyi(5-1)
 Study on Effects and Mechanism of Boron Additive for PERC Solar Cell LIUanghai, ZHANG Jin, CHEN Zhidong, VITYUK Sergey(5-9)
 Effect of Maleic Anhydride on Performance of Paraffin Based Tungsten Carbide Powder Injection Molding Special Materials ZHANG Cheng, SHI Ankang, CAO Zheng, WU Dun(5-17)
 Photovoltaic Molecule Containing Bi-4-hexyl-thienylenevinylene (BHTV) as the Conjugated Pi-Bridge for Bulk-Heterojunction Organic Solar Cells ZHANG Jing, XU Linjun, YUAN Ningyi, DING Jianning(6-17)
 Synthesis and Properties of Main Chain Phosphorus-Containing Liquid Crystalline Polyester YANG Rong, SUN Jun, LI Jinchun(6-25)

Chemistry and Chemical Engineering

- Investigation on the Structure of 2,4,8,10-Tetraoxaspiro[5.5]undecanes LI Zhengyi, XIE Guangzhou, YIN Yue, SHEN Yinkai, SUN Xiaoqiang(2-1)
 Numerical Simulation of Gas-Solid-Liquid Three Phase Flow in FCC Riser LIU Yingjie, YANG Jihe, LAN Xingying, GAO Jinsen(2-7)
 Study on High Efficiency Catalytical Preparation of Levulinic Acid from Corncob by SnCl₄ QING Qing, GUO Qi, ZHOU Linlin, GAO Xiaohang, ZHANG Yue(2-14)
 Synthesis of Sulfuric Acid Functional Carbonaceous Sphere Through Two-Steps Hydrothermal and Their Catalyst Application LEI Chong, MAO Huihui, ZHANG Zhongming, WANG Qianqian(2-23)
 Preparation and First Principle Study of Co₃O₄/Sepiolite Catalyst for Cyclohexane Oxidation TANG Yongxiang, DONG Xiaohan, HAN Yan, QUAN Xicheng, CHEN Rui, DAI Youzhi(2-30)
 Knoevenagel Condensation Reaction Efficiently Catalyzed by Activated Carbon Functionalized by Ammonia Gas XUE Bing, LIU Xiangmei, LI Qiuyu, LIU Na, LI Yongxin(3-34)
 Hydrothermal Synthesis of NCQD/BiOCl Composites and Their Efficient Photocatalytic Performances for Hydrogen Production from Water WU Chunjing, YANG Chao, CAO Jianyu, CHEN Zhidong, XU Juan(3-41)

- Synthesis and Characterization of Protic Ionic Liquid/Functionalized SiO₂ Composite High Temperature Pronton Exchange Membranes CHU Fuqiang, CHU Xufeng, ZHU Huanhuan, XU Fei, DING Jianning(4-14)
- Study on the Catalyst of γ -MnO₂/ Sepiolite-Attapulgite for Low Temperature Denitration XIE Aijuan, LUO Shiping, TAO Yuwei, TU Meiqian(4-21)
- Preparation and Catalytical Performance of Immobilized Liphase on Nano-Maganetic Material ZHANG Yu, ZHOU Shaomin, ZHU Xiaolin, RONG Yan, CAI Jinyan, GUO Jing, CAI Zhiqiang(4-30)
- Regional Discrimination of Thai Rice by Multi-Element Analysis ZHAO Xu, WANG Bingtao, ZHANG Sixian, JIN Baohui, ZHAO Qionghui, LIANG Shuwen, YAN Zhi, CHEN Bo, XIE Liqi(4-36)
- Thermal Analysis of Biomass High Temperature Thermal Reduction of Metal Oxides MA Tingting, LI Sen, TANG Bo, REN Tianqi, ZHU Yuezhao(4-41)
- Numerical Investigation of the Flow and Heat Transfer of *n*-Decane in Helical-Coiled Tubes at Supercritical Pressure HE Kuo, BAO Zewei, LEI Zhiliang, HUANG Qin, LI Xiangyuan(5-51)
- Investigation on the Synthesis of 2-Bezoylindole MIAO Chunbao, ZHENG Anqi, YANG Haitao (5-58)
- Prediction of Viscosity of Succinic Anhydride Based on Solid-Liquid Equilibrium and Erying's Absolute Rate Theory WANG Jun, OU Jie, SHAO Hui, LENG Yixin(5-64)
- Syntheses, Structures and Catalytic Activity of Bismuth Complexes Based on Phenanthroline Derivatives CHEN Shengchun, SHI Juan, HE Mingyang, CHEN Qun(6-1)
- Study on the Dyeing Process of Indigo with Ascorbic Acid as Reductant WANG Yuan, LU Tao, ZHANG Cong, JI Junling, CHEN Qun(6-9)

Environmental Science and Engineering

- Research on Sludge Digestion Using New Anaerobic Membrane Bioreactor DONG Liangfei, ZHOU Kaidi(1-1)
- Study on Oil Removal Rate of Chemical Agent on Oily Scum ZHANG Feng'e, CHEN Wan(1-9)
- Study on Heavy Metal Ion Cu²⁺ Mineralized by Carbonate Mineralization Bacteria ZHAO Xingqing, CHENG Yan, SUN Xiuyun, WANG Lianlian(1-15)
- Performance of Porous-Chitosan Imprinted Polymers for Adsorption of Amoxicillin WANG Zejun, OU Hongxiang, WANG Liping, DU Erdeng, DING Jianning(2-37)
- Research on Production Capacity and Electron Transfer Mechanisms of Rhodospirillum Rubrum FENG Junsheng, SUN Zhuo, CHEN Manjia, LIU Liang, LI Na(2-45)
- Research on Biomass Porous Carbon Process Parameters Based on Response Surface Methodology and Its Application ZHA Jianhua, YANG Yan, FENG Haoyu, CHENG Shi, YUAN Ningyi, SHEN Qianyong(2-53)
- Fluorescence Spectra Characteristics of DOM During the Decay Process of Myriophyllum FENG Sheng, YUAN Bin(4-46)
- Analysis of PM2.5 Pollution in Jiangsu Province and Determination of Building Outdoor PM2.5 Design Concentration JI Yinlian, ZHANG Junbo, SONG Jia(4-53)
- Three Dimensional Fluorescence Analysis of CDOM for Tail WaterTreatment by UV/H₂O₂ Process DU Erdeng, WANG Yulin, FAN Xinxin, WANG Xiaoyan, LI Jing, WANG Liping(6-53)
- Research and Development of River Sludge Curing Agent and Its Mechanism LIU Jin, WANG Yi, DONG Liangfei(6-59)
- Experimental Study on Electrokinetic Remediation of Pb Contaminated Soil WAN Yushan, HAN Hui, SHEN Meng, WEN Xin, WANG Mingxin(6-66)

Mechanical Manufacture and Automation

- Design of Quality Inspection System Used for Automobile Lamps RONG Hailong, WANG Xue, ZHANG Xiaohua, MA Zhenghua(1-55)
- Design and Dynamic Analysis of Gripper for Loading and Unloading Tyres YANG Sen, SHEN Huiping, QIANG Hengcun, DENG Jiaming, LIU Jinshi, ZHANG Youbing(1-61)
- Simulation Analysis of Casing Gear Transmission System PEI Junfeng, SONG Yupeng, LIU Zhigang, CHEN Jie, ZHONG Jianjun(2-63)
- A Novel Type Parallel Manipulator with Lower Coupling-Degree and Its Kinematics DENG Jiaming, SHAO Guowei, LI Jiayu, MENG Qingmei, SHEN Huiping, YANG Tingli(3-50)
- A Parallel Self Coupling Ultrasonic Probe Mechanism for Automatic Detection of Wheel Defect of Trains MA Long, DENG Jiaming(3-62)
- Numerical Analysis of Non-Contact Cosine Rotor Pump and Flow Field ZOU Min, KONG De'ang, ZHU Yingjie, WU Liangcai(4-59)
- Analysis on Acoustic and Vibration Characteristics of CRH380B Series High-Speed Trains Sightseeing Area GENG Zhuo, ZHANG Xuefei(4-64)
- Hydrodynamics and Bubble Plume Mass Transfer Characteristics in Microporous Aeration Oxidation Ditch XU Xiaofei, WEI Wenze, ZENG Qian, LIU Fengxia, LIU Zhijun(5-23)
- Parametric Analysis of Influencing Factors of Thermal-Mechanical Coupling of Flexible Pipe Sheets with Asymmetrical Tubes WANG Leizhi, DONG Jinshan, WANG Jianjun(5-32)
- Mechanism Optimization of 4-Dimentional Parallel Vibrating Screen with Three Translations and One Rotation LI Ju, ZENG Qingfei, SHEN Huiping, DENG Jiaming, QIANG Hengcun, WU Xiao(5-42)

Oil and Natural Gas Engineering

- Finite Element Analysis of Casing Load in Thermal Recovery Well Based on Thermal-Fluid-Structural Interaction Theory ZHU Qingjie, YIN Xiao, ZHAO Chen, LI Xue(1-70)
- 3D Geological Modeling and Its Rough Result Verification SHI Hao, LI Zhan dong, LIANG Shun(1-76)
- Application Study on Formation Pore Pressure Monitoring of Carbonate in Middle Tarim DENG Song, XIA Yicheng, ZHAO Hongyu, LIU Cheng, DOU Xiangji, CAO Wenke(3-71)
- Study on Integration of Light Guide Illumination and Ventilation with CPC Solar Collector CHEN Haifei, JIN Yihao, GUO Jingjing, CAO Bingqian, LU Lijun, WANG Jinliang(3-77)
- Collapse Pressure Study of Fractured Formation CAO Wenke, TAN Qiang, HE Yanfeng, DENG Song, GAO Min, LIU Xingchen, WANG Yang(5-70)
- Study on Dynamic Characteristics of Tight Gas Well with Stress-Sensitive Irreducible Water Saturation DOU Xiangji, LIN Kai, HE Yanfeng, WANG Xiang, LIU Cheng, ZHAO Hongyu (5-75)
- Numerical Simulation on Influence Range of Leakage and Diffusion of Long-Distance Natural Gas Pipelines JI Hong, ZHANG Gao, ZHAO Gongyu, WANG Deqi, HUANG Weiqiu(6-31)
- A Well Pattern Design Method for Heterogeneous Reservoir Based on the Concept of Equilibrium Displacement WANG Xiang, HE Yanfeng, FENG Qihong, DOU Xiangji, XU Hui, WANG Haoyu(6-41)
- Research and Applicationon Additional Pressure Drop in Water Injection Wells LU Yikuan, CHAI Shichao, HE Bin, YANG Youguo, LI Xiang, RUAN Xinfang, ZOU Dehao, WU Zhuo(6-47)

Computer and Information Engineering

- User Authentication Method Based on Mouse Dynamics CHEN Gong, ZHU Jiajun, SHI Yong, XUE Zhi(2-69)
 Matrix Factorization Recommendation Algorithm Combining Users' Reviews HU Shengli, TAN Qing(4-69)
 A Fast Algorithm for License Plate Recognition Correction WANG Shijun, YIN Jiaqi, XU Jingfeng, LI Zhen, LIANG Jiuzhen(4-76)
 Indoor-Outdoor Seamless Localization System Based on Beidou Navigation Satellite System ZHU Yanping, HE Keren, RONG Hailong, CHEN Yang(6-87)

Biomedical Engineering

- Pharmacologic Action and Anti-Inflammation Compounds of Root of Dictamnus Dasycarpus Turcz ZHOU Xiaoying, CHEN Jie, JIN Liu, WEI Tao(1-82)
 Preparation of Chitosan Scaffold Modified by Graphene Oxide and Its Potential Applications as a Bone Repair Material LIU Yang, ZHANG Zhongxun, WU Minghui, QIN Yong, DENG Linhong(1-87)
 Extraction and Purification of Lipopolysaccharide and Lipid A from *Salmonella* ATCC 13311 XUE Lizhi(2-87)
 Interactions Between Mast Cells and Airway Smooth Muscle Cells in Asthma ZHOU Xiaoying, WEI Tao(4-87)
 The Function of Mast Cell during Tumor Angiogenesis ZHOU Xiaoying, JIANG Yuan, WEI Tao(5-81)
 Advance in Study Methods of Neurobehavioral Assessment for Animal Models of Alzheimer's Disease DONG Wen, WANG Shouan, CHEN Xiujiao, ZHANG Jintian, ZHENG Weinan, LIN Xinyi(5-87)

Safety Engineering

- The Operating Risk Assessment of Photovoltaic Power Station Based on Monte Carlo Simulation BI Haipu, LEI Weigang, JIANG Xiaoyu, YUAN Xiongjun, WANG Kaiquan(1-22)
 Experimental Study on Impacts of Poisonous Gas on Methane Degradation and Explosion Inhibition by Ultra-Fine Water Mist Containing Bacteria YANG Ke, ZHANG Ping, JI Hong ,ZUO Jiaqi, HAO Yongmei, XING Zhixiang(1-28)
 Key Technology Research and Development of Dust On-Line Monitoring and Accident Warning System YUAN Xiongjun, WANG Hongyuan, WANG Jun, ZHANG Shenhao(1-35)
 Study on Safety Management Mathematical Model of Gas Generation Enterprise Based on System Dynamics GAO Chongyang, SHAO Hui(3-84)

Civil Engineering

- Analysis of Structure Response of Seismic Pounding for Adjacent Building Structures FENG Xiaojiu, DING Qi, XU Huanan, LI Qicheng(2-77)
 Numerical Simulation of Final Ice Lens in Frost Heave of Saturated Soils HU Kun, FENG Jincai, YANG Zhao(6-72)
 Characteristics Analysis of Deformation Time-Varying Effect of Super High Concrete Dams WANG Shaowei, BAO Tengfei(6-79)