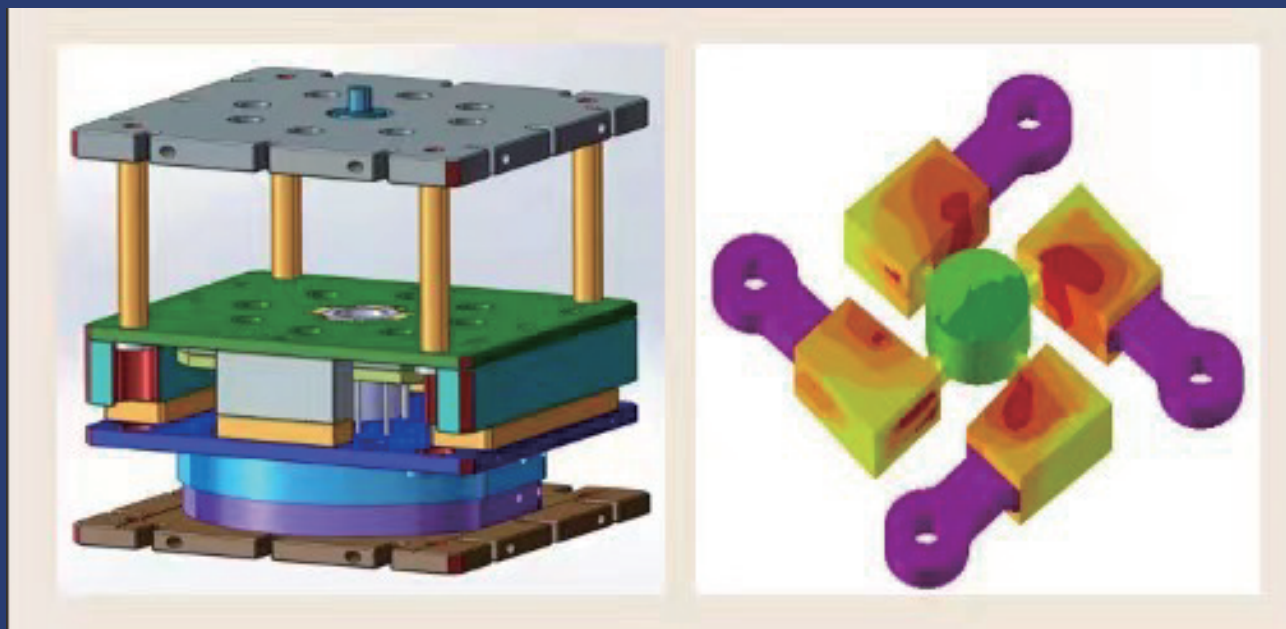




# 常州大学学报

## 自然科学版

JOURNAL OF CHANGZHOU UNIVERSITY  
NATURAL SCIENCE EDITION



液态模锻高铬铸铁亚温淬火工艺研究——单爱丽,邢书明,宋文明,吴伟

ISSN 2095-0411  
CN 32-1822/N

1  
2023  
第35卷 第1期

## 目 次

### 材料科学与工程:液态模锻专题

液态模锻高铬铸铁亚温淬火工艺研究 ..... 单爱丽,邢书明,宋文明,吴 伟(1)

液锻压力对亚共晶 Al-Si 合金吊架的组织与性能影响 ..... 江小龙,邢书明,甘玉秀,邢三臭(10)

### 化学化工

Z 型异质结  $PbWO_4/CdS$  的构建及光催化性能 ..... 万玉山,王安慰,邵 敏,徐成栋,胡 浩(18)

高比电容 Mn-MOF 材料的制备及其电化学性能 ..... 石燕君,赵亚欣,许 娟,曹剑瑜,陈智栋(28)

水-乙酸甲酯-四氢呋喃三元共沸物系热集成萃取精馏工艺 .....  
..... 娄 超,李 铭,万德浩,恽 一,杨德明(34)

### 环境科学与工程

甲苯磺化反应放热及其产物热安全性研究 ..... 黄 勇,张玉雯,王项链,梁雨晴(43)

微波热解预处理油泥浮渣试验 ..... 户传龙,张大山,孔 萌,毛林强,张文艺(48)

### 计算机与信息工程

融合多特征和迭代扩张卷积的中文电子病历命名实体识别 .....  
..... 封红旗,孙 杨,吴 涛,王少聪,李文杰(59)

连续状态空间下机器人避障方法研究 ..... 顾玉宛,杨秋媛,竺智华,徐守坤(68)

### 生物医药工程

碳酸钙纳米给药系统在肿瘤治疗中的应用 .....  
..... 邱 琳,王 程,崔朋飞,周舒文,胡华安子,蒋鹏举,王建浩(78)

苯扎贝特联合维甲酸对 APP<sup>swe</sup> M17 细胞分化的影响 ..... 王祯莲,宋国强,祝雄伟(86)

Contents

Materials Science and Engineering : Melted Metal Die Forging

- Study on intercritical quenching process of high chromium cast iron by melted metal die forging ..... SHAN Aili , XING Shuming , SONG Wenming , WU Wei(1)
- Effect of liquid forging pressure on microstructure and properties of hypoeutectic Al-Si alloy hanger ..... JIANG Xiaolong , XING Shuming , GAN Yuxiu , XING Sanchou(10)

Chemistry and Chemical Engineering

- Construction and photocatalytic performance of Z-type heterojunction PbWO<sub>4</sub>/CdS ..... WAN Yushan , WANG Anwei , SHAO Min , XU Chengdong , HU Hao(18)
- Preparation of Mn-MOF with high specific capacitance and its electrochemical performances ..... SHI Yanjun , ZHAO Yaxin , XU Juan , CAO Jianyu , CHEN Zhidong(28)
- Heat integrated extractive distillation process for water -methyl acetate-tetrahydrofuran azeotrope system ..... LOU Chao , LI Ming , WAN Dehao , YUN Yi , YANG Deming(34)

Environmental Science and Engineering

- Study on exothermic reaction of toluene sulfonation and thermal safety of sulfonated products ..... HUANG Yong , ZHANG Yuwen , WANG Xianglian , LIANG Yuqing(43)
- Experimental pretreatment of oil sludge scum by microwave pyrolysis ..... HU Chuanlong , ZHANG Dashan , KONG Meng , MAO Linqiang , ZHANG Wenyi(48)

Computer and Information Engineering

- Chinese electronic medical record named entity recognition based on multi-features and IDCNN ..... FENG Hongqi , SUN Yang , WU Tao , WANG Shaocong , LI Wenjie(59)
- Research of robot obstacle avoidance in continuous state space ..... GU Yuwan , YANG Qiuyuan , ZHU Zhihua , XU Shoukun(68)

Biomedical Engineering

- Application of calcium carbonate based nano drug delivery system in cancer therapy ..... QIU Lin , WANG Cheng , CUI Pengfei , ZHOU Shuwen , HU Huaanzi , JIANG Pengju , WANG Jianhao(78)
- Synergistic effect of bezafibrate and retinoic acid on differentiation of APPswe M 17 cells ..... WANG Zhenlian , SONG Guoqiang , ZHU Xiongwei(86)