

- \* 中国科学引文数据库来源期刊
- \* 中国学术期刊综合评价数据库来源期刊
- \* EI、CA 收录期刊
- \* 《中国期刊网》、《中国学术期刊(光盘版)》全文收录
- \* “万方数据——数字化期刊群”全文收录
- \* CEPS 中文电子期刊服务全文收录期刊

# 含 能 材 料

HANNENG CAILIAO

第 13 卷 第 4 期 2005 年 8 月

## 目 次

超临界流体反溶剂法制备高聚物粘结炸药技术初探 .....	柴 涛, 周 圣, 张景林 (205)
热循环对 TATB 基高聚物粘结炸药性能的影响研究 .....	李敬明, 温茂萍, 黄毅民 (208)
One-pot Synthesis of Glycidyl Nitrate .....	QIU Shao-jun, GAN Xiao-xian, FAN Hui-qing (211)
装药中的不同间隙对炸药爆轰性能的影响 .....	杨慧群, 王泽山, 魏晓安 (214)
带壳钝感炸药非理想爆轰实验研究 .....	
..... 赵继波, 谭多望, 赵 锋, 方 青, 何 智, 李 强, 高 宁, 林 俊 (217)	
截锥型战斗部斜穿靶数值模拟研究 .....	张青平, 陈 刚, 屈 明 (222)
含 3,4-二硝基呋咱基氧化呋咱(DNTF)推进剂的能量特性 .....	
..... 罗 阳, 高红旭, 赵凤起, 陈 沛, 张志忠, 周彦水, 李上文 (225)	
相稳定硝酸铵及其混合物的热分解 .....	张 杰, 邹彦文 (229)
$F_{2314}$ 的结晶度及结晶度的增长 .....	程克梅, 舒远杰, 周建华, 郝 莹, 左玉芬 (232)
硝酸胍-水合胍双元体系凝胶化研究 .....	李进华, 金韶华, 史彦山 (235)
两种氟聚合物在 TATB 晶体表面吸附的动力学模拟 .....	张朝阳, 舒远杰, 赵小东, 王新锋 (238)
报废“双迫”药改制射钉弹用球扁药新工艺研究 .....	蔺向阳, 潘仁明, 程向前, 薛耀辉, 袁志峰 (242)
黄铜粉中锌含量对红外消光性能影响研究 .....	陈 宁, 潘功配, 陈厚和 (246)
HNS 的热行为研究 .....	陈智群, 郑晓华, 刘子如, 潘 清, 汪 渊 (249)
改性双基推进剂中 HMX 含量的高效液相色谱测定 .....	宁艳利, 王亚鑫, 葛彦平, 田宏远, 毛永康 (252)
用方差分析法检验甲基紫试验安全性指标的可靠性 .....	路桂娥, 江劲勇, 李孝玉, 许爱国 (255)
Experimental Study on the Feasibility of Compound Technique of Perforating in Coal Seams .....	
..... LUO Yong, SHEN Zhao-wu (257)	
多硝基立方烷的合成、结构和性能研究进展 .....	邱 玲, 许晓娟, 肖鹤鸣 (262)
2,4-DNI 的研究进展 .....	刘慧君, 曹端林, 李永祥, 王建龙 (269)

### 读者·作者·编者

会讯 (256) 吕春绪教授到日本出席国际会议并进行访问讲学(272)

# ENERGETIC MATERIALS

Vol. 13, No. 4, 2005

## CONTENTS

- Preparation of PBX by Supercritical Fluid Anti-solvent Method ..... CHAI Tao, ZHOU Sheng, ZHANG Jing-lin (205)
- Effect of Thermal Cycling Test on the Properties of TATB Based PBX .....  
..... LI Jing-ming, WEN Mao-ping, HUANG Yi-min (208)
- One-pot Synthesis of Glycidyl Nitrate ..... QIU Shao-jun, GAN Xiao-xian, FAN Hui-qing (211)
- Effect of Explosive Charge with Variable Clearance on Detonation Performance .....  
..... YANG Hui-qun, WANG Ze-shan, WEI Xiao-an (214)
- Experimental Study on the Non-ideal Detonation of IHE with Confinements .....  
..... ZHAO Ji-bo, TAN Duo-wang, ZHAO Feng, FANG Qing, HE Zhi, LI Qiang, GAO Ning, LIN Jun (217)
- Numerical Simulation of Warhead Oblique Penetrating Target ..... ZHANG Qing-ping, CHEN Gang, QU Ming (222)
- Energy Characteristics of Propellant Containing 3,4-Dinitrofurazanfuroxan (DNTF) .....  
..... LUO Yang, GAO Hong-xu, ZHAO Feng-qi, CHEN Pei, ZHANG Zhi-zhong, ZHOU Yan-shui, LI Shang-wen (225)
- Thermal Decomposition of Phase Stabilized Ammonium Nitrate and Its Mixtures ..... ZHANG Jie, ZOU Yan-wen (229)
- Crystalline and Its Growth of  $F_{2314}$  ..... CHENG Ke-mei, SHU Yuan-jie, ZHOU Jian-hua, HAO Ying, ZUO Yu-fen (232)
- Gelation of Hydrazine Nitrate-hydrazine Hydrate Double Components ... LI Jin-hua, JIN Shao-hua, SHI Yan-shan (235)
- Dynamics Simulation of Adsorptions of Two Fluorine-polymers on TATB Crystal Surfaces .....  
..... ZHANG Chao-yang, SHU Yuan-jie, ZHAO Xiao-dong, WANG Xin-feng (238)
- New Manufacturing Technique of Oblate Spherical Propellants for Powder Loads from Waste Double-base Mortar  
Propellants ..... LIN Xiang-yang, PAN Ren-ming, CHENG Xiang-qian, XUE Yao-hui, YUAN Zhi-feng (242)
- Effect of the Zinc Content on IR Extinction Performance of Brass Powder .....  
..... CHEN Ning, PAN Gong-pei, CHEN Hou-he (246)
- Thermal Behavior of HNS ..... CHEN Zhi-qun, ZHENG Xiao-hua, LIU Zi-ru, PAN Qing, WANG Yuan (249)
- Determination of Octogen in Composite Modified Double-base Propellant by HPLC .....  
..... NING Yan-li, WANG Ya-xin, GE Yan-ping, TIAN Hong-yuan, MAO Yong-kang (252)
- Reliability of Safety Index for Methyl Violet Test Examined by Variance Analysis .....  
..... LU Gui-e, JIANG Jin-yong, LI Xiao-yu, XU Ai-guo (255)
- Experimental Study on the Feasibility of Compound Technique of Perforating in Coal Seams .....  
..... LUO Yong, SHEN Zhao-wu (257)
- Review on Synthesis, Structure and Performance of Polynitrocubanes ... QIU Ling, XU Xiao-juan, XIAO He-ming (262)
- Progress in 2,4-Dinitroimidazole ..... LIU Hui-jun, CAO Duan-lin, LI Yong-xiang, WANG Jian-long (269)