

# 含能材料

HANNENG CAILIAO

第 8 卷 第 2 期 2000 年 6 月

## 目 次

- 叠氮亚磷酸酯及叠氮磷酰胺的合成..... 叶 玲, 欧育湘, 周智明, 陈博仁, 郑福平 (49)
- 三氨基胍叠氮酸盐的非水相合成研究..... 余天祥, 杨发福, 杨海鸥, 李常青 (52)
- TEX—A LOVA Explosive ..... Jiří VÁGENKNECHT (56)
- Measurement of the Time Scatter of Explosive Trains with an Inexpensive Method ..... Held M (60)
- 二叠氮季戊二醇二硝酸酯的构象和 IR 谱的密度泛函理论研究 ..... 王遵尧, 肖鹤鸣, 贡雪东 (63)
- 含催化剂的 RDX-CMDB 推进剂熄火表面形貌特征和燃烧火焰结构分析.....  
..... 赵凤起, 单文刚, 王 璞, 李上文, 李疏芬, 何德球 (67)
- 铝粉形态对低燃速丁羟推进剂燃烧性能的影响..... 焦继革, 周 克, 张 炜 (72)
- 高氯酸铵的热分解 ..... 刘子如, 阴翠梅, 孔扬辉, 赵凤起, 罗 阳, 向 海 (75)
- 燃气发生器衬层残渣研究 ..... 邹德荣, 田祖顺 (80)
- 氟聚合物溶液对 TATB 的润湿效果研究 ..... 聂福德, 孙 杰, 张 凌 (83)
- PBX 材料的蠕变损伤本构关系 ..... 丁雁生, 潘 颖, 蔡瑞娇, 郝向东, 杨玉明 (86)
- 计算混合炸药爆速的一种新方法..... 王克强 (91)
- 热处理对 B 炸药热分解的影响 ..... 何得昌, 徐军培 (95)

# ENERGETIC MATERIALS

Vol. 8, No. 2, 2000

## CONTENTS

- Synthesis of Phosphite Ester and Phosphoramidate Containing Azido Groups .....  
..... YE Ling, OU Yu-xiang, ZHOU Zhi-ming, CHEN Bo-ren, ZHENG Fu-ping (49)
- Synthesis of Triaminoguanidinium Azide in Non-aqueous Medium .....  
..... YU Tian-xiang, YANG Fa-fu, YANG Hai-ou, LI Chang-qing (52)
- TEX—A LOVA Explosive ..... Jiri VÁGENKNECHT (56)
- Measurement of the Time Scatter of Explosive Trains with an Inexpensive Method ..... Held M (60)
- A Study on the Conformations and IR Spectra of Pentaerythritol Diazido Dinitrate by Density Functional  
Theory ..... WANG Zun-yao, XIAO He-ming, GONG Xue-dong (63)
- Quenched Surface Characteristics and Flame Structure of RDX - CMDB Propellants Containing Catalyst  
..... ZHAO Feng-qi, SHAN Wen-gang, WANG Ying, LI Shang-wen, LI Shu-fen, HE De-qiu (67)
- Effect of Spherical Aluminum on Combustion Behavior of Low Burning-rate HTPB Propellant ...  
..... JIAO Ji-ge, ZHOU Ke, ZHANG Wei (72)
- The Thermal Decomposition of Ammonium Perchlorate .....  
..... LIU Zi-ru, YIN Cui-mei, KONG Yang-hui, ZHAO Feng-qi, LUO Yang, XIANG Hai (75)
- A Study on Residue of Liner for Gas Generator ..... ZOU De-rong, TIAN Zu-shun (80)
- Study of Soaking Effect of Fluoropolymer Solution to TATB ..... NIE Fu-de, SUN Jie, ZHANG Ling (83)
- The Creep-damage Constitutive Relation of PBX .....  
..... DING Yan-sheng, PAN Ying, CAI Rui-jiao, YU Xiang-dong, YANG Yu-ming (86)
- A New Method for Calculating the Detonation Velocity of Composite Explosives ... WANG Ke-qiang (91)
- Effect of Thermal Treatment on the Thermal Decomposition of Comp. B ... HE De-chang, XU Jun-pei (95)