

# 含能材料

HANNENG CAILIAO

第4卷 第4期 1996年12月

## 目 次

一乙酰基五硝基六氮杂异伍兹烷(MPIW)的制备及表征 .....	赵信岐 刘娟 (145)
3-硝基-1,2,4-三唑-5-酮(NTO)铕配合物 $[\text{Eu}(\text{NTO})_3 \cdot (\text{H}_2\text{O})_5] \cdot 5\text{H}_2\text{O}$ 的 制备和晶体结构 .....	宋纪蓉 胡荣祖 李福平 毛治华 周宗华 洪洲 (150)
二叠氮季戊二醇二硝酸酯的ΔM1分子轨道研究 .....	王遵尧 贡雪东 肖鹤鸣 (157)
装填密度对高能推进剂燃烧转爆轰特性的影响 .....	
.....	贾祥瑞 池军智 黄风雷 浩石 (163)
改性硝酸铵性能研究 .....	陈天云 吕春绪 叶志文 王依林 (169)
纳米金刚石粉制备方法的改进——水下连续爆炸法 .....	徐康 金增寿 饶玉山 (175)
工业CT技术在无损检测炸药部件中的应用综述 .....	王守道 (182)
书讯 .....	(181)
1996年(第4卷)总目次 .....	(186)
征稿启事 .....	(191)

# ENERGETIC MATERIALS

Vol. 4, No. 4, 1996

## CONTENTS

Preparation and characterization of monoacetyl-pentanitrohexaazaisowurtzitane(MPIW) .....	Zhao Xinqi Liu Juan (145)
Preparation and crystal structure of [Eu(NTO) <sub>3</sub> · (H <sub>2</sub> O) <sub>5</sub> ] · 5H <sub>2</sub> O .....	Song Jirong Hu Rongzu Li Fuping Mao Zhihua Zhou Zonghua Hong Zhou (150)
AM1-MO study on the conformations of pentaerythritol diazido dinitrate .....	Wang Zunyao Gong Xuedong Xiao Heming (157)
Influence of density on deflagration-to-detonation transition of high-energy propellant .....	Jia Xiangrui Huang Fenglay Huan Shi Chi Junzhi (163)
Properties of modified ammonium nitrate .....	Chen Tianyun Lü Chunxu Ye Zhiwen Wang Yilin (169)
An improved method for preparation of ultrafine diamond powder—continuous underwater explosion .....	Xu Kang Jin Zengshou Rao Yushan (175)
Review on application of computer tomography in nondestructive testing high explosive charges .....	Wang Shoudao (182)
Book in brief .....	(181)
Annual contents(Vol. 4,1996) .....	(186)
Notice on calling for papers .....	(191)