

* 中文核心期刊
* 中国科技核心期刊
* RCCSE 中国核心学术期刊
* 中国科学引文数据库来源期刊
* EI、SCOPUS、CA、CSA、AJ、JST 收入期刊

◆ 计算与模拟

- PBX 炸药冲击起爆的改进细观反应速率模型 白志玲, 段卓平, 温丽晶, 张震宇, 欧卓成, 黄风雷 (629)
晶体缺陷对 HMX 基 PBX 性能影响的理论计算 苗 爽, 王 涛, 王玉玲, 杭贵云, 戚春保, 鲁昌兵 (636)
LLM-105 与高聚物黏结剂界面相互作用及力学性能的分子动力学模拟 郭 蓉, 杨志剑, 段晓惠, 裴重华 (644)
瞬态泄压过程中二次燃烧对底排装置尾部流场影响的数值分析 周书培, 余永刚 (652)
考虑后燃烧效应密闭空间内爆炸场数值计算研究 徐维铮, 吴卫国 (661)

◆ 研究论文

- 竹浆纤维素纳米纤维对硝化纤维素膜的增强作用
..... 周 逸, 魏 洁, 吕妍妍, 樊浩瑜, 吴 雪, 赵利斌, 张仁旭, 邵自强 (671)
两种 DNAN 基含铝炸药的爆轰性能 杨 洋, 段卓平, 张连生, 黄风雷 (679)
解耦合法研究 1,1'-二羟基-5,5'-联四唑二羟胺盐(TKX-50)热分解(英)
..... 祝艳龙, 安 静, 丁 黎, 毕福强, 周 静, 梁 忆 (685)
新型亚稳态合金材料冲击释能特性 张云峰, 刘国庆, 李 晨, 施冬梅, 张玉令, 甄建伟 (692)
内爆炸准静态压力对球形容器弹性动态响应的影响 孙 琦, 董 奇, 杨 沙, 张刘成 (698)

◆ 综述

- 笼状骨架含能化合物构建研究进展 周 静, 张俊林, 丁 黎, 毕福强, 王伯周 (708)

CHINESE JOURNAL OF ENERGETIC MATERIALS

Monthly

CONTENTS Vol. 27, No. 8, 25 August, 2019

Calculation and Simulation

- 629 BAI Zhi-ling, DUAN Zhuo-ping, WEN Li-jing, ZHANG Zhen-yu, OU Zhuo-cheng, HUANG Feng-lei **A Modified Mesoscopic Reaction Rate Model for Shock Initiation of PBXs**
- 636 MIAO Shuang, WANG Tao, WANG Yu-ling, HANG Gui-yun, QI Chun-bao, LU Chang-bing **Theoretical Calculation of the Effect of Crystal Defects on Properties of HMX-based PBX**
- 644 GUO Rong, YANG Zhi-jian, DUAN Xiao-hui, PEI Chong-hua **Molecular Dynamics Simulations for Interfacial Interactions and Mechanical Properties of LLM-105 with Polymers**
- 652 ZHOU Shu-pei, YU Yong-gang **Numerical Analysis of the Effect of Post-combustion on the Tail Flow Field of Base Bleed Equipment in Transient Depressurization Process**
- 661 XU Wei-zheng, WU Wei-guo **Study on Numerical Calculation of Explosion Field in Closed Space Considering After-burning Effects**

Article

- 671 ZHOU Yi, WEI Jie, LÜ Yan-yan, FAN Hao-yu, WU Xue, ZHAO Li-bin, ZHANG Ren-xu, SHAO Zi-qiang **Enhancement of Nitrocellulose Membrane by Bamboo Pulp Cellulose Nanofiber**
- 679 YANG Yang, DUAN Zhuo-ping, ZHANG Lian-sheng, HUANG Feng-lei **Detonation Performance of Two DNAN Based Aluminized Explosives**
- 685 ZHU Yan-long, AN Jing, DING Li, BI Fu-qiang, ZHOU Jing, LIANG Yi **Research on Thermal Decomposition of Dihydroxylammonium 5,5'-Bistetrazole-1,1'-diolate (TKX-50) by Decoupling Method**
- 692 ZHANG Yun-feng, LIU Guo-qing, LI Chen, SHI Dong-mei, ZHANG Yu-ling, ZHEN Jian-wei **Shock Energy Release Characteristics of Novel Metastable Alloy Materials**
- 698 SUN Qi, DONG Qi, YANG Sha, ZHANG Liu-cheng **Effects of Quasi-static Pressure on Dynamic Elastic Response of Spherical Vessels under Internal Blast**

Reviews

- 708 ZHOU Jing, ZHANG Jun-lin, DING Li, BI Fu-qiang, WANG Bo-zhou **Progress in the Construction of Cage-like Skeleton Energetic Compounds**