

内燃机学报

第 41 卷 第 5 期 (总 209 期) 2023 年

目 次

- 41-045 正丁醇/生物柴油混合燃料的中低温着火特性 周伟, 于亮, 吕兴才 (385)
- 41-046 氮/柴油燃烧模型构建及低速机性能优化 刘海峰, 宋腾达, 黄志雄, 毛一玲, 赵令猛, 郑尊清 (395)
- 41-047 波动高背压环境增压柴油机性能响应特性 向翰淳, 马泽泰, 杨名洋, 邓康耀, 黄敏, 刘莹 (404)
- 41-048 高效增压直喷氢内燃机近零 NO_x 排放试验优化 包凌志, 孙柏刚, 罗庆贺 (412)
- 41-049 不同海拔下柴油机瞬态排放试验 雷蕾, 于永华, 申立忠, 万明定, 黄粉莲, 王正江 (420)
- 41-050 稀释燃烧对高压缩比直喷汽油机性能的影响 楼狄明, 赵彬皓, 范本正, 房亮, 张允华 (427)
- 41-051 进气流态对天然气发动机性能影响的试验研究 唐志刚, 潘永传, 李卫, 李哲, 李亮, 刘洪哲 (435)
- 41-052 高压甲烷射流冲击预混火焰过程中涡量的变化 雷艳, 王莹, 仇滔, 梁晓杰 (442)
- 41-053 喷射策略对乙醇汽油发动机颗粒物排放的影响 李庆宇, 付建勤, 刘敬平, 刘琦, 沈瑶瑞 (450)
- 41-054 基于 X 射线成像的喷油嘴内流特性试验 高雅, 黄魏迪, 李理光, 吴志军 (458)
- 41-055 柴油机喷油器喷孔堵塞声发射诊断技术 余永华, 贾海超, 胡嘉, 胡磊, 杨建国 (466)
- 41-056 活塞环周向张力仿真计算及试验验证方法 焦博文, 张涛, 马旋, 吕修颐, 刘志刚 (473)

Chinese Society for Internal Combustion Engines

TRANSACTIONS OF CSICE

Vol.41 No.5 (Sum 209) 2023

CONTENTS

- 41-045** Autoignition Characteristics of *n*-Butanol/Biodiesel Under Low-to-Intermediate Temperature Zhou Wei, Yu Liang, Lyu Xingcai (385)
- 41-046** Simulation on Chemical Kinetic Mechanism and Performance Optimization of Ammonia-Diesel Dual Fuel Low-Speed Engine Liu Haifeng, Song Tengda, Huang Zhixiong, Mao Yiling, Zhao Lingmeng, Zheng Zunqing (395)
- 41-047** Performance Response Characteristic of Turbocharged Diesel Engine Under Fluctuating High Back Pressure Environment Xiang Hanchun, Ma Zetai, Yang Mingyang, Deng Kangyao, Huang Min, Liu Ying (404)
- 41-048** Optimization of a Turbocharged Direct Injection Hydrogen Engine to Achieve High Efficiency and Near-Zero NO_x Emissions Bao Lingzhi, Sun Baigang, Luo Qinghe (412)
- 41-049** Investigation on Transient Emissions of Diesel Engine at Different Altitudes Lei Lei, Yu Yonghua, Shen Lizhong, Wan Mingding, Huang Fenlian, Wang Zhengjiang (420)
- 41-050** Effect of Dilution Combustion Methods on Performance of GDI Engine with High Compression Ratio Lou Diming, Zhao Binhao, Fan Benzheng, Fang Liang, Zhang Yunhua (427)
- 41-051** Investigation on the Influence of Intake Port Flow Pattern on the Performance of a NG Engine Tang Zhigang, Pan Yongchuan, Li Wei, Li Zhe, Li Liang, Liu Hongzhe (435)
- 41-052** Vorticity Variation of High-Pressure Methane Jet Impinging on Premixed Flame Lei Yan, Wang Ying, Qiu Tao, Liang Xiaojie (442)
- 41-053** Effect of Injection Strategy on Particulate Emission in an Ethanol-Gasoline Engine Li Qingyu, Fu Jianqin, Liu Jingping, Liu Qi, Shen Yaorui (450)
- 41-054** Investigation on In-Nozzle Flow Characteristics Using X-Ray Imaging Technique Gao Ya, Huang Weidi, Li Liguo, Wu Zhijun (458)
- 41-055** Fault Diagnosis Technology of Diesel Engine Fuel Injector Clogging Based on Acoustic Emission Yu Yonghua, Jia Haichao, Hu Jia, Hu Lei, Yang Jianguo (466)
- 41-056** Simulation Calculation and Experimental Verification Method of Piston Ring Circumferential Tension Jiao Bowen, Zhang Tao, Ma Xuan, Lyu Xiuyi, Liu Zhigang (473)