

目 次

400031	阻塞比对氢-空预混火焰加速影响的可视化研究	刘福水,李率毅,张小玉,黎一锴,吴 晗	(1)
400032	汽油在超临界环境下的喷雾特性	刘 威,裴毅强,秦 静,任 源,袁列杰,王志东	(10)
400033	两次喷射策略对汽油/聚甲氧基二甲醚高预混燃烧及排放的影响	王 许,杨 嘉,贺子晗,尧命发,张晓琴	(16)
400034	稀释气体对天然气掺甲醇裂解气定容预混燃烧的影响	曾东建,朱震南,左子农,暴秀超,韩志强	(24)
400035	柴油两段喷射中预喷对主喷燃烧特性影响试验研究	汪晟全,王 谦,钟文君,朱江涛,何志霞	(32)
400036	双级尿素-选择性催化还原系统对柴油机排放特性的影响研究	韩 峰,王晓华,王意宝	(41)
400037	汽油机可变进气门相异升程机构研究	张士强,李春书,戴 俊,刘瑞林,张卫国	(46)
400038	高压压缩比活塞顶形状对湍流动能和缸内气流的影响	王 达,晁岳栋,邓 俊,杨 陈,沈 源,李理光	(56)
400039	共轨高压油泵柱塞微运动特性仿真分析研究	王慧敏,向建华,汪 川	(65)
400040	连续可变气门升程系统对增压直喷发动机燃油经济性影响的研究	韩本忠,张力华,傅国松,李理光,邓 俊	(72)
400041	车辆废热回收有机朗肯循环系统热力性能分析	王建明,黄 莺,童 乐	(80)
400042	某三缸汽油机起动时间和峰值转速多目标优化设计	陈孔武,陈永全,刘仁龙,李儒龙,丁济凡,李仕成	(87)
400043	断油回流停缸策略对发动机油耗及轴系扭振的影响	魏子清,高文志,吴 坚,宋启新,陆 逍	(94)
400044	基于轻型柴油车的柴油机氧化催化器入口温度升温特性及策略研究	顾 晗,王 建,许 鑫,张多军,刘胜吉	(102)
400045	大功率柴油机尿素-选择性催化还原系统混合器仿真与试验研究	赵英良,朱智富,王 胜,赵 红,桂建华,陈 鹏	(110)
400046	带电颗粒物在柴油机颗粒物检测装置中的运动特性	庞海龙,张谷雨,俞 妍,资新运	(117)

中国内燃机学会银行账号变更申明(9) 中国内燃机学会理事简介(124)

Contents

400031 Visual Research on Effect of Blockage Ratio on Premixed Hydrogen-Air Flame Acceleration LIU Fushui,LI Shuaiyi,ZHANG Xiaoyu,LI Yikai,WU Han (1)

400032 Spray Characteristics of Gasoline in Super-Critical Environment LIU Wei,PEI Yiqiang,QIN Jing,REN Yuan,YUAN Liejie,WANG Zhidong (10)

400033 Effects of Split Injection on Highly Premixed Charge Combustion and Emissions Fueled with Gasoline and Polyoxymethylene Dimethyl Ethers WANG Hu,YANG Jia,HE Zihan,YAO Mingfa,ZHANG Xiaoqin (16)

400034 Effects of Diluent Gases on Constant Volume Premixed Combustion of Mixture of Natural Gas and Dissociated Methanol ZENG Dongjian,ZHU Zhennan,ZUO Zinong,BAO Xiuchao,HAN Zhiqiang (24)

400035 Experimental Study on Influence of Pilot Injection on Main-Injected Diesel Fuel Combustion under a Split Injection WANG Shengquan,WANG Qian,ZHONG Wenjun,ZHU Jiangtao,HE Zhixia (32)

400036 Influence of Two-Stage Urea-Selective Catalytic Reduction System on Performance and Emissions of Diesel Engine HAN Feng,WANG Xiaohua,WANG Yibao (41)

400037 Research on Variable Dissimilitude Lifts Mechanism of Intake Valves of a Gasoline Engine ZHANG Shiqiang,LI Chunshu,DAI Jun,LIU Ruilin,ZHANG Weiguo (46)

400038 Effects of High Compression Ratio Piston Geometry on Turbulence Kinetic Energy and Air Flow in Cylinder WANG Da,CHAO Yuedong,DENG Jun,YANG Chen,SHEN Yuan,LI Liguang (56)

400039 Simulation of Micro Motion of Common Rail High-pressure Fuel Pump Plunger WANG Huimin,XIANG Jianhua,WANG Chuan (65)

400040 Influence of Continuously Variable Valve Lift System on Fuel Economy of Turbocharged Gasoline Direct Injection Engine HAN Benzong,ZHANG Lihua ,FU Yuansong,LI Liguang,DENG Jun (72)

400041 Thermal Performance of Vehicle Energy-supplying System Based on Waste Heat Recovery Using Organic Rankine Cycle WANG Jianming,HUANG Ying,TONG Le (80)

400042 Multi-Objective Optimization Design of Starting Time and Peak Speed of a Three-Cylinder Gasoline Engine CHEN Kongwu,CHEN Yongquan,LIU Renlong,LI Rulong,DING Jifan,LI Shicheng (87)

400043 Effect of Cylinder Deactivation with Waste Gas Return Scheme on Engine Fuel Consumption and Torsional Vibration WEI Ziqing,GAO Wenzhi,WU Jian,SONG Qixin,LU Xiao (94)

400044 Research on Inlet Temperature Rise Characteristics of Diesel Oxidation Catalyst and its Strategy for Light-Duty Diesel Vehicles GU Han,WANG Jian,XU Xin,ZHANG DuoJun,LIU Shengji (102)

400045 Simulation and Experimental Study of Urea-Selective Catalytic Reduction Mixer for a High Power Diesel Engine ZHAO Yingliang,ZHU Zhifu,WANG Sheng,ZHAO Hong,GUI Jianhua,CHEN Peng (110)

400046 Motion Characteristics of Charged Particulate Matter in Diesel Particulate Matter Detection Device PANG Hailong,ZHANG Guyu,YU Yan,ZI Xinyun (117)