

CITATION REPORT

List of articles citing

Fuel property effects on knock propensity and thermal efficiency in a direct-injection spark-ignition engine

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#	Paper	IF	Citations
24	Effects of Flame Propagation Velocity and Turbulence Intensity on End-Gas Auto-Ignition in a Spark Ignition Gasoline Engine. <i>Energies</i> , 2020 , 13, 5039	3.1	3
23	Monte-Carlo based laminar flame speed correlation for gasoline. <i>Combustion and Flame</i> , 2020 , 222, 61-69	3.3	3
22	Enabling high compression ratio in boosted spark ignition engines: Thermodynamic trajectory and fuel chemistry effects on knock. <i>Combustion and Flame</i> , 2020 , 222, 446-459	5.3	2
21	Three-Dimensional CFD Investigation of Pre-Spark Heat Release in a Boosted SI Engine.		1
20	Large Eddy Simulation of Lean Mixed-Mode Combustion Assisted by Partial Fuel Stratification in a Spark-Ignition Engine. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2021 , 143,	2.6	1
19	CFD modeling of pre-spark heat release in a boosted direct-injection spark-ignition engine. <i>International Journal of Engine Research</i> , 146808742110441	2.7	0
18	Modeling the Effects of the Ignition System on the CCV of Ultra-Lean SI Engines using a CFD RANS Approach.		0
17	A Mapping Approach for Efficient CFD Simulation of Low-Speed Large-Bore Marine Engine with Pre-Chamber and Dual-Fuel Operation. <i>Energies</i> , 2021 , 14, 6126	3.1	
16	Uniqueness technique for introducing high octane environmental gasoline using renewable oxygenates and its formulation on Fuzzy modeling. <i>Science of the Total Environment</i> , 2022 , 802, 149863	10.2	6
15	Numerical Analysis of Fuel Impacts on Advanced Compression Ignition Strategies for Multi-Mode Internal Combustion Engines.		2
14	Merit function for simultaneous optimization of fuel properties, naturally aspirated spark-ignition engines equipped with port fuel injection system, and regulated emissions. <i>Fuel</i> , 2021 , 122701	7.1	1
13	Laminar Burning Speed of Aviation Kerosene at Low Pressures. <i>Energies</i> , 2022 , 15, 2191	3.1	
12	Effects of Engine Cooling Strategy on Knock Suppression in High-Compression Ratio Spark-Ignition Engine. <i>International Journal of Automotive Technology</i> , 2022 , 23, 367-378	1.6	
11	Experimental analysis and 1D simulation of an advanced hybrid boosting system for automotive applications in transient operation. <i>International Journal of Engine Research</i> , 146808742110601	2.7	0
10	Technologies for Knock Mitigation in SI Engines: A Review. <i>Energy, Environment, and Sustainability</i> , 2022 , 325-349	0.8	0
9	Enabling Powertrain Technologies for Euro 7/VII Vehicles with Computational Fluid Dynamics. <i>Transportation Engineering</i> , 2022 , 9, 100127	3	1
8	Exploring the potentials of water injection to improve fuel consumption and torque in a small displacement PFI spark-ignition engine. <i>Fuel</i> , 2022 , 327, 125224	7.1	0

7	Experimental investigation on combustion characteristics and influencing factors of PODE/methanol dual-fuel engine. 2022 , 260, 125131	1
6	Optimal design and power management control of hybrid biofuelElectric powertrain. 2022 , 325, 119903	0
5	Knock Limited Spark Advance Prediction of a Direct-Injection Spark-Ignition Engine Using a Livengood-Wu Integral Transport Equation Based Knock Model.	1
4	Numerical simulation research on the influence of the parameters of water injection on the GDI engine. 146808742211262	0
3	Modeling Analysis of Thermal Efficiency Improvement up to 45% of a Turbocharged Gasoline Engine.	0
2	A numerical study on knock combustion suppression using targeted fuel injection in an SI engine. 095440702211438	0
1	Numerical investigation on combustion regulation for a stoichiometric heavy-duty natural gas engine with hydrogen addition considering knock limitation. 2023 ,	0