Modified selective non-catalytic reduction system to re powered engines

Fuel

298, 120826

DOI: 10.1016/j.fuel.2021.120826

Citation Report

#	Article	IF	Citations
1	Application of novel thermochemical methods for enhanced synthesis of alternative fuels in the period of energy transition. Fuel, 2021, 306, 121958.	6.4	5
2	Power generation using produced biodiesel from palm oil with GTG, STG and combined cycles; process simulation with economic consideration. Fuel, 2022, 314, 123084.	6.4	4
3	Metalâ€“Organic Frameworks for NO_x Adsorption and Their Applications in Separation, Sensing, Catalysis, and Biology. Small, 2022, 18, e2105484.	10.0	29
4	Experimental study on effects of multistage reactant and air jet velocities on self-preheating characteristics and NO emission of burning pulverized coal. Fuel, 2022, 325, 124879.	6.4	11
5	Effects of isobutanol fraction in dieselâ€“biodiesel blends on combustion, injection, performance and emission parameters. Fuel, 2022, 330, 125554.	6.4	3
6	Experimental study on morphology, nanostructure and oxidation reactivity of particles in diesel engine with exhaust gas recirculation (EGR) burned with different alternative fuels. Energy, 2022, 261, 125249.	8.8	7
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8	The progress toward more sustainable energy, water and environmental systems approaches and applications. Thermal Science, 2022, 26, 4057-4066.	1.1	0
9	Stationary Gas Dynamics and Heat Transfer of Turbulent Flows in Straight Pipes at Different Turbulence Intensity. Energies, 2022, 15, 7250.	3.1	2
10	Effect of spray operation conditions on Nox emission control in a power station. Chemical Engineering Research and Design, 2023, 191, 214-225.	5.6	0
11	Injection system modification and optimization for performance enhancement and emission reduction in a light-duty diesel engine fuelled by biodiesel-water emulsion. Fuel, 2023, 337, 127222.	6.4	10
12	Optimization of combustion characteristics of novel hydrodynamic cavitation based waste cooking oil biodiesel fueled CI engine. SN Applied Sciences, 2023, 5, .	2.9	5
13	Using Chlorine Dioxide to Remove NO_x in Low-Temperature Flue Gas. Environmental Engineering Science, 0, , .	1.6	0
14	Experimental study on effects of premixed air distribution on preheating combustion characteristics and NO emission of pulverized coal. Fuel, 2023, 344, 128076.	6.4	2
15	The new challenges for the development of NH3-SCR catalysts under new situation of energy transition in power generation industry. Chinese Chemical Letters, 2023, , 108931.	9.0	5
16	Enhancing the Performance of DOC and SCR After-Treatment Devices Using Statistical Techniques and Heating Strategies. , 0, , .		0
17	Promoting the photocatalytic NO oxidation activity of hierarchical porous g-C3N4 by introduction of nitrogen vacancies and charge channels. Applied Catalysis B: Environmental, 2024, 344, 123604.	20.2	2
18	Self-synthesis and performance analysis of a Cu-Fe composite ZSM-5 zeolitic catalyst for NOx reduction and particulate matter removal using NH3 SCR. Journal of Environmental Chemical Engineering, 2024, 12, 112237.	6.7	0

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19	A qualitative comparative study of multi-cylinder conventional compression ignition engine using neat Schleichera Oleosa (Kusum) bio-diesel and neat diesel as fuel. AIP Conference Proceedings, 2024, , .	0.4	0