

# Kampanart Theinnoi

## List of Publications by Citations

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26  
papers

657  
citations

11  
h-index

25  
g-index

30  
ext. papers

728  
ext. citations

4  
avg, IF

3.58  
L-index

#	Paper	IF	Citations
26	Engine performance and emissions of a diesel engine operating on diesel-RME (rapeseed methyl ester) blends with EGR (exhaust gas recirculation). <i>Energy</i> , <b>2007</b> , 32, 2072-2080	7.9	252
25	Performance, combustion and emissions of a diesel engine operated with reformed EGR. Comparison of diesel and GTL fuelling. <i>Fuel</i> , <b>2009</b> , 88, 1031-1041	7.1	83
24	Effect of Gas-to-Liquid Diesel Fuels on Combustion Characteristics, Engine Emissions, and Exhaust Gas Fuel Reforming. Comparative Study. <i>Energy &amp; Fuels</i> , <b>2006</b> , 20, 2377-2384	4.1	72
23	Effect of hydrogen on butanolBiodiesel blends in compression ignition engines. <i>International Journal of Hydrogen Energy</i> , <b>2013</b> , 38, 1624-1635	6.7	50
22	Promoting hydrocarbon-SCR of NOx in diesel engine exhaust by hydrogen and fuel reforming. <i>International Journal of Hydrogen Energy</i> , <b>2009</b> , 34, 7842-7850	6.7	45
21	Hydrogen Promotion of Low-Temperature Passive Hydrocarbon-Selective Catalytic Reduction (SCR) over a Silver Catalyst. <i>Energy &amp; Fuels</i> , <b>2008</b> , 22, 4109-4114	4.1	34
20	Enhancing the NO2/NOx ratio in compression ignition engines by hydrogen and reformat combustion, for improved aftertreatment performance. <i>International Journal of Hydrogen Energy</i> , <b>2010</b> , 35, 8723-8732	6.7	31
19	Engine Performance of Dual Fuel Operation with In-cylinder Injected Diesel Fuels and In-Port Injected DME. <i>Energy Procedia</i> , <b>2017</b> , 142, 461-467	2.3	18
18	Catalytic oxidation of diesel particulate matter by using silver and ceria supported on alumina as the oxidation catalyst. <i>Applied Catalysis A: General</i> , <b>2019</b> , 574, 33-40	5.1	12
17	Hydrogen Production via the Catalytic Partial Oxidation of Ethanol on a PlatinumRhodium Catalyst: Effect of the Oxygen-to-Ethanol Molar Ratio and the Addition of Steam. <i>Energy &amp; Fuels</i> , <b>2019</b> , 33, 6742-6753	4.1	11
16	Engine performance and emissions from the combustion of low-temperature Fischer Tropsch synthetic diesel fuel and biodiesel rapeseed methyl ester blends. <i>International Journal of Vehicle Design</i> , <b>2009</b> , 50, 196	2.4	11
15	GC-MS determination of low hydrocarbon species (C106) from a diesel partial oxidation reformer. <i>International Journal of Hydrogen Energy</i> , <b>2008</b> , 33, 7074-7083	6.7	7
14	Influence of Fuel Properties, Hydrogen, and Reformate Additions on Diesel-Biogas Dual-Fueled Engine. <i>Journal of Energy Engineering - ASCE</i> , <b>2014</b> , 140,	1.7	5
13	Combustion Characteristics and Particulate Matter Number Size Study of Ethanol and Diesel Reactivity Controlled Compression Ignition Engine <b>2017</b> ,		5
12	Modeling of Hydrogen Production from Catalytic Partial Oxidation of Ethanol over a PlatinumRhodium-Supported Catalyst. <i>Energy &amp; Fuels</i> , <b>2021</b> , 35, 4404-4417	4.1	5
11	Application of Exhaust Gas Fuel Reforming in Diesel Engines Towards the Improvement Urban Air Qualities. <i>Energy Procedia</i> , <b>2018</b> , 152, 875-882	2.3	4
10	Effect of Physical Properties of Porous Combustor on Radiant Output and Fuel-Preheated Efficiency of a Non-Sprayed Porous Burner. <i>Applied Mechanics and Materials</i> , <b>2013</b> , 421, 819-825	0.3	2

9	Nanoparticle Components and Number-Size Distribution of Waste Cooking Oil-Based Biodiesel Exhaust Gas from a Diesel Particulate Filter-Equipped Engine.. <i>ACS Omega</i> , <b>2022</b> , 7, 3384-3394	3.9	2
8	Insight into Nanoparticle-Number-Derived Characteristics of Precharged Biodiesel Exhaust Gas in Nonthermal Plasma State.. <i>ACS Omega</i> , <b>2022</b> , 7, 5376-5384	3.9	2
7	Promotion effect of hydrogen addition in selective catalytic reduction of nitrogen oxide emissions from diesel engines fuelled with diesel-biodiesel-ethanol blends. <i>AEJ - Alexandria Engineering Journal</i> , <b>2021</b> ,	6.1	1
6	Effects of Diesel-Biodiesel-Ethanol Fuel Blend on a Passive Mode of Selective Catalytic Reduction to Reduce NO Emission from Real Diesel Engine Exhaust Gas. <i>ACS Omega</i> , <b>2021</b> , 6, 27443-27453	3.9	1
5	Effect of Diesel [Biodiesel [Ethanol Fuel Blends on Low Temperature NOX Reduction Activity over a Lean NOX Catalyst <b>2018</b> ,		1
4	Experimental Study on the Behavior of a Common Rail Diesel-Engine Fueled with Diesel Dimethyl Ether Dual Fuel on Engine Performance <b>2018</b> ,		1
3	Impact of Compressed Biogas on Combustion and Exhaust Emission Characteristic from Spark Ignition Engine <b>2018</b> ,		1
2	Impact of High-Voltage Discharge After-Treatment Technology on Diesel Engine Particulate Matter Composition and Gaseous Emissions. <i>ACS Omega</i> , <b>2021</b> , 6, 21181-21192	3.9	1
1	The Comparative Study on Compressed Natural Gas (CNG) and Compressed Biomethane Gas (CBG) Fueled in a Spark Ignition Engine. <i>E3S Web of Conferences</i> , <b>2021</b> , 302, 01005	0.5	0