

# Hanyu Chen

## List of Publications by Year in descending order

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13  
papers

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citations

1683934  
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1474057  
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all docs

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docs citations

13  
times ranked

81  
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#	ARTICLE	IF	CITATIONS
1	Experimental study on combustion and unregulated emission characteristics of a diesel engine fueled with light hydrocarbon/diesel blends. <i>Fuel</i> , 2022, 315, 123075.	3.4	5
2	Effect of Temperature on Ethanol Reaction Pathways during the (Ethanol + NH <sub>3</sub> )-SCR Process over Cu-SSZ-13 Catalyst: a Photoionization Mass Spectrometry Study. <i>Energy &amp; Fuels</i> , 2022, 36, 3835-3847.	2.5	0
3	Effect of operating conditions on the chemical composition, morphology, and nano-structure of particulate emissions in a light hydrocarbon premixed charge compression ignition (PCCI) engine. <i>Science of the Total Environment</i> , 2021, 750, 141716.	3.9	14
4	Analysis of organic intermediates with a low-load Pd/Al <sub>2</sub> O <sub>3</sub> catalyst for the ethanol-SCR of NO at low temperatures: The influential role of NH <sub>3</sub> and catalyst characterization. <i>Fuel</i> , 2021, 302, 121101.	3.4	3
5	Experimental investigation of particulate matter structures under partially premixed combustion in a compression ignition engine. <i>Fuel</i> , 2020, 259, 116286.	3.4	16
6	A comprehensive study of fuel composition, combustion and soot nanostructure characteristics of a diesel/light hydrocarbons premixed charge compression ignition engine. <i>Fuel</i> , 2020, 274, 117858.	3.4	12
7	Identifying Unregulated Emissions from Conventional Diesel Self-Ignition and PPCI Marine Engines at Full Load Conditions. <i>Journal of Marine Science and Engineering</i> , 2020, 8, 101.	1.2	4
8	Characterization of In-Cylinder Combustion Temperature Based on a Flame-Image Processing Technique. <i>Energies</i> , 2019, 12, 2386.	1.6	5
9	Numerical Simulation and Experimental Study on Commercial Diesel Reforming Over an Advanced Pt/Rh Three-Way Catalyst. <i>Catalysts</i> , 2019, 9, 590.	1.6	6
10	Numerical Simulation of Knock Combustion in a Downsizing Turbocharged Gasoline Direct Injection Engine. <i>Applied Sciences (Switzerland)</i> , 2019, 9, 4133.	1.3	3
11	Numerical Simulation and Experimental Investigation of Diesel Fuel Reforming over a Pt/CeO <sub>2</sub> -Al <sub>2</sub> O <sub>3</sub> Catalyst. <i>Energies</i> , 2019, 12, 1056.	1.6	5
12	Numerical simulation and experimental research on combustion characteristics of compression-ignition engine under an O <sub>2</sub> /CO <sub>2</sub> atmosphere. <i>HKIE Transactions</i> , 2017, 24, 121-132.	1.9	5
13	Numerical simulation on combustion processes of a diesel engine under O <sub>2</sub> /CO <sub>2</sub> atmosphere. <i>HKIE Transactions</i> , 2013, 20, 157-163.	1.9	5