

# Zezhou Guo

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

20  
papers

221  
citations

8  
h-index

14  
g-index

22  
ext. papers

362  
ext. citations

6.6  
avg, IF

3.3  
L-index

#	Paper	IF	Citations
20	Comparative study on combustion and emissions of SI engine with gasoline port injection plus acetone-butanol-ethanol (ABE), isopropanol-butanol-ethanol (IBE) or butanol direct injection. <i>Fuel</i> , <b>2022</b> , 316, 123363	7.1	0
19	Experimental study on combustion and emission of an SI engine with natural gas/ethanol combined injection. <i>Fuel</i> , <b>2022</b> , 318, 123476	7.1	1
18	Effect of brown gas (HHO) addition on combustion and emission in gasoline engine with exhaust gas recirculation (EGR) and gasoline direct injection. <i>Journal of Cleaner Production</i> , <b>2022</b> , 132078	10.3	0
17	Experimental study on combustion and emission of an SI engine with ethanol /gasoline combined injection and EGR. <i>Journal of Cleaner Production</i> , <b>2021</b> , 331, 129903	10.3	4
16	Experimental study on the effects of EGR on combustion and emission of an SI engine with gasoline port injection plus ethanol direct injection. <i>Fuel</i> , <b>2021</b> , 305, 121421	7.1	4
15	Experimental study on combustion and emissions of an SI engine with gasoline port injection and acetone-butanol-ethanol (ABE) direct injection. <i>Fuel</i> , <b>2021</b> , 284, 119037	7.1	5
14	Effect of exhaust gas recirculation and hydrogen direct injection on combustion and emission characteristics of a n-butanol SI engine. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 17961-17974	6.7	7
13	Effects of Hydrogen Addition Ratios on Cycle-by-Cycle Variations of a Dual-Fuel Spark Ignition Engine with Ethanol Intake Port Injection and Hydrogen Direct Injection under Various Excess Air Ratios. <i>Energy &amp; Fuels</i> , <b>2020</b> , 34, 3709-3724	4.1	5
12	Research on the combustion and emissions of an SI engine with acetone-butanol-ethanol (ABE) port injection plus gasoline direct injection. <i>Fuel</i> , <b>2020</b> , 267, 117311	7.1	7
11	Numerical study on effects of hydrogen direct injection on hydrogen mixture distribution, combustion and emissions of a gasoline/hydrogen SI engine under lean burn condition. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 2341-2350	6.7	6
10	Effects of hydrogen direct injection on combustion and emission characteristics of a hydrogen/Acetone-Butanol-Ethanol dual-fuel spark ignition engine under lean-burn conditions. <i>International Journal of Hydrogen Energy</i> , <b>2020</b> , 45, 34193-34203	6.7	18
9	Comparative study of different injection modes on combustion and particle emission of acetone-butanol-ethanol (ABE) and gasoline in a dual-injection SI engine. <i>Fuel</i> , <b>2020</b> , 281, 118786	7.1	9
8	A comparative study on effects of homogeneous or stratified hydrogen on combustion and emissions of a gasoline/hydrogen SI engine. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 25974-25984	6.7	30
7	Numerical research on effect of hydrogen blending fractions on idling performance of an n-butanol ignition engine with hydrogen direct injection. <i>Fuel</i> , <b>2019</b> , 258, 116082	7.1	18
6	Experimental study on lean-burn characteristics of an SI engine with hydrogen/gasoline combined injection and EGR. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 13988-13998	6.7	37
5	Experimental study on heat and exergy balance of a dual-fuel combined injection engine with hydrogen and gasoline. <i>International Journal of Hydrogen Energy</i> , <b>2019</b> , 44, 22301-22315	6.7	8
4	Inner Selective Non-Catalytic Reduction Strategy for Nitrogen Oxides Abatement: Investigation of Ammonia Aqueous Solution Direct Injection with an SI Engine Model. <i>Energies</i> , <b>2019</b> , 12, 2742	3.1	0

3	Investigation of combustion and emissions of an SI engine with ethanol port injection and gasoline direct injection under lean burn conditions. <i>Energy</i> , <b>2019</b> , 189, 116231	7.9	27
2	Effect of gasoline/n-butanol blends on gaseous and particle emissions from an SI direct injection engine. <i>Fuel</i> , <b>2018</b> , 229, 1-10	7.1	35
1	Numerical Studies on the Action Mechanism of Combustion Intermediates and Free Radicals on Nitrogen Oxides under Oil-Water Blended Conditions. <i>Applied Sciences (Switzerland)</i> , <b>2018</b> , 8, 490	2.6	