

# Yuqiang Li

## List of Publications by Year in descending order

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Version: 2024-02-01

17  
papers

526  
citations

933447

10  
h-index

996975

15  
g-index

17  
all docs

17  
docs citations

17  
times ranked

507  
citing authors

#	ARTICLE	IF	CITATIONS
1	Potential of acetone-butanol-ethanol (ABE) as a biofuel. <i>Fuel</i> , 2019, 242, 673-686.	6.4	223
2	Combustion, performance and emissions characteristics of a spark-ignition engine fueled with isopropanol-n-butanol-ethanol and gasoline blends. <i>Fuel</i> , 2016, 184, 864-872.	6.4	128
3	Diesel-Like Efficiency Using Compressed Natural Gas/Diesel Dual-Fuel Combustion. <i>Journal of Energy Resources Technology, Transactions of the ASME</i> , 2016, 138, .	2.3	34
4	A new skeletal mechanism for diesel-n-butanol blends combustion in engine. <i>Fuel</i> , 2020, 264, 116856.	6.4	25
5	An Experimental Study on the Potential Usage of Acetone as an Oxygenate Additive in PFI SI Engines. <i>Energies</i> , 2016, 9, 256.	3.1	19
6	Skeletal Mechanism Generation and Validation for Acetone <i>n</i> -butanol-ethanol (ABE) Combustion in Diesel Engine. <i>Energy &amp; Fuels</i> , 2020, 34, 965-980.	5.1	17
7	A novel reduced i-propanol-n-butanol-ethanol (IBE)/diesel mechanism for engine combustion and emissions prediction. <i>Fuel</i> , 2020, 278, 118291.	6.4	16
8	Experimental Evaluation on the Catalytic Activity of a Novel CeZrK/rGO Nanocomposite for Soot Oxidation in Catalyzed Diesel Particulate Filter. <i>Processes</i> , 2021, 9, 674.	2.8	16
9	Skeletal mechanism for i-propanol-n-butanol-ethanol (IBE) and n-butanol combustion in diesel engine. <i>Fuel</i> , 2021, 302, 121136.	6.4	12
10	Experimental investigation on combustion, performance, and emissions characteristics of butanol as an oxygenate in a spark ignition engine. <i>Advances in Mechanical Engineering</i> , 2017, 9, 168781401668884.	1.6	11
11	Numerical Study on Effects of Key Factors on Performance of CeO <sub>2</sub> -based Catalyzed Diesel Particulate Filter. <i>Journal of Thermal Science</i> , 2020, 29, 1398-1409.	1.9	10
12	Proposition of a critical design direct normal irradiance for solar thermal power plant. <i>International Journal of Energy Research</i> , 2018, 42, 4108-4119.	4.5	5
13	Exploring the Benefits of Annular Rectangular Rib for Enhancing Thermal Efficiency of Nonpremixed Micro-Combustor. <i>Journal of Chemistry</i> , 2020, 2020, 1-13.	1.9	4
14	Elastic analytical solutions and angular distributions near spot weld nugget in lap-shear specimens. <i>Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture</i> , 2019, 233, 192-203.	2.4	2
15	A more realistic skeletal mechanism with compact size for n-butanol combustion in diesel engines. <i>Proceedings of the Institution of Mechanical Engineers, Part D: Journal of Automobile Engineering</i> , 2021, 235, 3082-3100.	1.9	2
16	Development and application of a practical diesel-n-butanol-PAH mechanism in engine combustion and emissions prediction. <i>Energy Sources, Part A: Recovery, Utilization and Environmental Effects</i> , 0, , 1-15.	2.3	2
17	Effect of pressure on solidification cracking susceptibility of Al-Si alloys. <i>Science and Technology of Welding and Joining</i> , 2019, 24, 713-720.	3.1	0