

# Yuqiang Li

## List of Publications by Year in descending order

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17  
papers

526  
citations

933447

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h-index

996975

15  
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17  
all docs

17  
docs citations

17  
times ranked

507  
citing authors

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