

Yaozong Duan

List of Publications by Year in descending order

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papers

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all docs

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docs citations

23
times ranked

241
citing authors

#	ARTICLE	IF	CITATIONS
1	An experimental study of injection and spray characteristics of diesel and gasoline blends on a common rail injection system. <i>Energy</i> , 2014, 75, 513-519.	4.5	41
2	Experimental study on injection characteristics of fatty acid esters on a diesel engine common rail system. <i>Fuel</i> , 2014, 123, 19-25.	3.4	38
3	Macroscopic and microscopic spray characteristics of fatty acid esters on a common rail injection system. <i>Fuel</i> , 2017, 203, 370-379.	3.4	32
4	Numerical study on fuel physical effects on the split injection processes on a common rail injection system. <i>Energy Conversion and Management</i> , 2017, 134, 47-58.	4.4	31
5	Influences of isomeric butanol addition on anti-knock tendency of primary reference fuel and toluene primary reference fuel gasoline surrogates. <i>International Journal of Engine Research</i> , 2021, 22, 39-49.	1.4	27
6	Experimental study of the two-stage injection process of fatty acid esters on a common rail injection system. <i>Fuel</i> , 2016, 163, 214-222.	3.4	25
7	Experimental study on the two stage injection of diesel and gasoline blends on a common rail injection system. <i>Fuel</i> , 2015, 159, 470-475.	3.4	18
8	Nozzle effects on the injection characteristics of diesel and gasoline blends on a common rail system. <i>Energy</i> , 2018, 153, 223-230.	4.5	18
9	Oxidation kinetics of n-pentanol: A theoretical study of the reactivity of the 1-hydroxy-1-peroxypentyl radical. <i>Combustion and Flame</i> , 2020, 219, 20-32.	2.8	15
10	Autoignition Comparison of n-Dodecane/Benzene and n-Dodecane/Toluene Blends in a Constant Volume Combustion Chamber. <i>Energy & Fuels</i> , 2019, 33, 5647-5654.	2.5	13
11	Effects of butanol blending on spray auto-ignition of gasoline surrogate fuels. <i>Fuel</i> , 2020, 260, 116368.	3.4	13
12	Theoretical study on hydrogen abstraction reactions from cyclopentanol by hydroxyl radical. <i>Fuel</i> , 2021, 297, 120766.	3.4	12
13	Hydraulic dynamics in split fuel injection on a common rail system and their artificial neural network prediction. <i>Fuel</i> , 2019, 255, 115792.	3.4	11
14	An experimental study on spray auto-ignition of RP-3 jet fuel and its surrogates. <i>Frontiers in Energy</i> , 2021, 15, 396-404.	1.2	10
15	An experimental and modeling study on the low-temperature oxidation of methylcyclopentane in a jet-stirred reactor. <i>Fuel</i> , 2021, 293, 120374.	3.4	9
16	EXPERIMENTAL STUDY ON INJECTION AND MACROSCOPIC SPRAY CHARACTERISTICS OF ETHYL OLEATE, JET FUEL, AND THEIR BLEND ON A DIESEL ENGINE COMMON RAIL SYSTEM. <i>Atomization and Sprays</i> , 2015, 25, 777-793.	0.3	7
17	Influences of C5 esters addition on anti-knock and auto-ignition tendency of a gasoline surrogate fuel. <i>International Journal of Engine Research</i> , 2022, 23, 1782-1791.	1.4	6
18	Theoretical kinetics of hydrogen abstraction reactions from propanol isomers by hydroperoxyl radical: Implication for combustion modeling. <i>Combustion and Flame</i> , 2021, 231, 111495.	2.8	6

#	ARTICLE	IF	CITATIONS
19	Effects of branch structure of alkylbenzenes on spray auto-ignition of <i>n</i> -decane and alkylbenzenes blends. International Journal of Engine Research, 2021, 22, 1636-1651.	1.4	5
20	Theoretical study on isomerization, decomposition and ring-closure reaction kinetics of methyl pentanoate radicals. Combustion and Flame, 2022, 237, 111848.	2.8	2
21	Pressure-Based Approach to Estimating the Injection Start and End in Single and Split Common Rail Injection Processes. Journal of Shanghai Jiaotong University (Science), 2018, 23, 28-33.	0.5	1
22	Diethyl ether oxidation: Revisiting the kinetics of the intramolecular hydrogen abstraction reactions of its primary and secondary peroxy radicals. Fuel, 2022, 326, 125046.	3.4	1
23	The Effects of Ester Structure on Transient Fuel Spray Characteristics Including Novel Image Analysis to Quantify Air Entrainment. , 2015, , .		0