

Feiyu Yang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	Comparative Study of Experimental and Modeling Autoignition of Cyclohexane, Ethylcyclohexane, and <i>n</i> -Propylcyclohexane. <i>Energy & Fuels</i> , 2014, 28, 7159-7167.	5.1	40
2	Experimental and Kinetic Study on Ignition Delay Times of <i>iso</i> -Butanol. <i>Energy & Fuels</i> , 2014, 28, 2160-2169.	5.1	37
3	High temperature ignition delay time of DME/ <i>n</i> -pentane mixture under fuel lean condition. <i>Fuel</i> , 2017, 191, 77-86.	6.4	37
4	Towards a kinetic understanding of the NO promoting-effect on ignition of coalbed methane: A case study of methane/nitrogen dioxide mixtures. <i>Fuel</i> , 2016, 181, 188-198.	6.4	36
5	Comparative Study on Autoignition Characteristics of Methylcyclohexane and Cyclohexane. <i>Energy & Fuels</i> , 2015, 29, 2685-2695.	5.1	32
6	An ignition delay time and chemical kinetic study of ethane sensitized by nitrogen dioxide. <i>Fuel</i> , 2017, 207, 389-401.	6.4	26
7	Kinetics of Hydrogen Abstraction and Addition Reactions of 3-Hexene by $\dot{E}H$ Radicals. <i>Journal of Physical Chemistry A</i> , 2017, 121, 1877-1889.	2.5	25
8	Kinetics of H abstraction and addition reactions of 2,4,4-trimethyl-1-pentene by OH radical. <i>Fuel</i> , 2017, 210, 646-658.	6.4	23
9	Towards a kinetic understanding of the NO _x sensitization effect on unsaturation hydrocarbons: A case study of ethylene/nitrogen dioxide mixtures. <i>Proceedings of the Combustion Institute</i> , 2019, 37, 719-726.	3.9	21
10	Experimental and Kinetic Study on Ignition Delay Times of Dimethyl Ether at High Temperatures. <i>Energy & Fuels</i> , 2015, 29, 3495-3506.	5.1	20
11	Comparative Study on Ignition Characteristics of 1-Hexene and 2-Hexene Behind Reflected Shock Waves. <i>Energy & Fuels</i> , 2016, 30, 5130-5137.	5.1	20
12	Comparative Study of the Effects of Nitrous Oxide and Oxygen on Ethylene Ignition. <i>Energy & Fuels</i> , 2017, 31, 14116-14128.	5.1	20
13	Chemical Kinetics of H-Atom Abstraction from Ethanol by $H\dot{E}_{2}$: Implication for Combustion Modeling. <i>Journal of Physical Chemistry A</i> , 2019, 123, 971-982.	2.5	20
14	Shock-Tube Study on Ethylcyclohexane Ignition. <i>Energy & Fuels</i> , 2014, 28, 5505-5514.	5.1	18
15	Experimental and Kinetic Modeling Study on <i>trans</i> -3-Hexene Ignition behind Reflected Shock Waves. <i>Energy & Fuels</i> , 2016, 30, 706-716.	5.1	17
16	Kinetics of H abstraction and addition reactions of 2,4,4-trimethyl-2-pentene by OH radical. <i>Chemical Physics Letters</i> , 2018, 696, 125-134.	2.6	17
17	Ignition Delay Characteristics and Kinetic Investigation of Dimethyl Ether/ <i>n</i> -Pentane Binary Mixtures: Interpreting the Effect of the Equivalence Ratio and Dimethyl Ether Blending. <i>Energy & Fuels</i> , 2018, 32, 3814-3823.	5.1	17
18	Ignition Delay Time and Chemical Kinetic Study of Methane and Nitrous Oxide Mixtures at High Temperatures. <i>Energy & Fuels</i> , 0, , .	5.1	9

#	ARTICLE	IF	CITATIONS
19	Measurements of the High Temperature Ignition Delay Times and Kinetic Modeling Study on Oxidation of Nitromethane. <i>Combustion Science and Technology</i> , 2020, 192, 313-334.	2.3	9
20	Theoretical kinetics of hydrogen abstraction and addition reactions of 3-hexene by $\dot{\text{A}}\text{C}$, $\dot{\text{A}}\text{-(3P)}$ and $\dot{\text{A}}\text{SH3}$. <i>Combustion and Flame</i> , 2018, 197, 449-462.	5.2	7
21	Theoretical kinetics of hydrogen abstraction and hydroperoxyl addition reactions of 3-hexene by hydroperoxyl radicals. <i>Fuel</i> , 2020, 277, 118191.	6.4	5
22	Ab initio kinetics for isomerization reaction of normal-chain hexadiene isomers. <i>Chemical Physics Letters</i> , 2016, 663, 66-73.	2.6	2