

Feiyu Yang

List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	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
2	Theoretical kinetics of hydrogen abstraction and hydroperoxyl addition reactions of 3-hexene by hydroperoxyl radicals. <i>Fuel</i> , 2020, 277, 118191.	6.4	5
3	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
4	Chemical Kinetics of H-Atom Abstraction from Ethanol by H ₂ O ₂ : Implication for Combustion Modeling. <i>Journal of Physical Chemistry A</i> , 2019, 123, 971-982.	2.5	20
5	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
6	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
7	Theoretical kinetics of hydrogen abstraction and addition reactions of 3-hexene by $\dot{A}C$, $\dot{A}-(3P)$ and $\dot{A}SH_3$. <i>Combustion and Flame</i> , 2018, 197, 449-462.	5.2	7
8	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
9	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
10	Comparative Study of the Effects of Nitrous Oxide and Oxygen on Ethylene Ignition. <i>Energy & Fuels</i> , 2017, 31, 14116-14128.	5.1	20
11	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
12	An ignition delay time and chemical kinetic study of ethane sensitized by nitrogen dioxide. <i>Fuel</i> , 2017, 207, 389-401.	6.4	26
13	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
14	Ab initio kinetics for isomerization reaction of normal-chain hexadiene isomers. <i>Chemical Physics Letters</i> , 2016, 663, 66-73.	2.6	2
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	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
17	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
18	Comparative Study on Autoignition Characteristics of Methylcyclohexane and Cyclohexane. <i>Energy & Fuels</i> , 2015, 29, 2685-2695.	5.1	32

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19	Comparative Study of Experimental and Modeling Autoignition of Cyclohexane, Ethylcyclohexane, and <i>n</i> -Propylcyclohexane. Energy & Fuels, 2014, 28, 7159-7167.	5.1	40
20	Experimental and Kinetic Study on Ignition Delay Times of <i>iso</i> -Butanol. Energy & Fuels, 2014, 28, 2160-2169.	5.1	37
21	Shock-Tube Study on Ethylcyclohexane Ignition. Energy & Fuels, 2014, 28, 5505-5514.	5.1	18
22	Ignition Delay Time and Chemical Kinetic Study of Methane and Nitrous Oxide Mixtures at High Temperatures. Energy & Fuels, 0, , .	5.1	9