

Guangying Yu

List of Publications by Year in descending order

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14
papers

229
citations

1040056

9
h-index

1058476

14
g-index

14
all docs

14
docs citations

14
times ranked

108
citing authors

#	ARTICLE	IF	CITATIONS
1	Theoretical Prediction of Laminar Burning Speed and Ignition Delay Time of Gas-to-Liquid Fuel. Journal of Energy Resources Technology, Transactions of the ASME, 2017, 139, .	2.3	32
2	Flame structure and laminar burning speed of gas to liquid fuel air mixtures at moderate pressures and high temperatures. Fuel, 2017, 209, 529-537.	6.4	28
3	Experimental Study of Laminar Burning Speed for Premixed Biomass/Air Flame. Journal of Energy Resources Technology, Transactions of the ASME, 2019, 141, .	2.3	28
4	Effects of Carbon Dioxide on Laminar Burning Speed and Flame Instability of Methane/Air and Propane/Air Mixtures: A Literature Review. Energy & Fuels, 2019, 33, 9403-9418.	5.1	26
5	Theoretical Prediction of the Effect of Blending JP-8 With Syngas on the Ignition Delay Time and Laminar Burning Speed. Journal of Energy Resources Technology, Transactions of the ASME, 2018, 140, .	2.3	21
6	Effects of diluent on laminar burning speed and flame structure of gas to liquid fuel air mixtures at high temperatures and moderate pressures. Fuel, 2018, 231, 204-214.	6.4	20
7	The Critical Pressure at the Onset of Flame Instability of Syngas/Air/Diluent Outwardly Expanding Flame at Different Initial Temperatures and Pressures. Journal of Energy Resources Technology, Transactions of the ASME, 2019, 141, .	2.3	18
8	Combustion Simulation of Propane/Oxygen (With Nitrogen/Argon) Mixtures Using Rate-Controlled Constrained-Equilibrium. Journal of Energy Resources Technology, Transactions of the ASME, 2019, 141, .	2.3	18
9	Rate-Controlled Constrained-Equilibrium Application in Shock Tube Ignition Delay Time Simulation. Journal of Energy Resources Technology, Transactions of the ASME, 2019, 141, .	2.3	11
10	Fundamentals of Rate-Controlled Constrained-Equilibrium Method. Green Energy and Technology, 2018, , 237-266.	0.6	7
11	The Rate-Controlled Constrained-Equilibrium Combustion Modeling of n-Pentane/Oxygen/Diluent Mixtures. Journal of Energy Resources Technology, Transactions of the ASME, 2019, 141, .	2.3	7
12	The Rate-Controlled Constrained-Equilibrium combustion modeling of n-butane/oxygen/diluent mixtures. Fuel, 2019, 239, 786-793.	6.4	7
13	Review of Applications of Rate-Controlled Constrained-Equilibrium in Combustion Modeling. Journal of Non-Equilibrium Thermodynamics, 2020, 45, 59-79.	4.2	5
14	Laminar Burning Speed Study of Alternative Fuel Air Diluent Mixtures at High Pressures and Temperatures. Green Energy and Technology, 2020, , 195-218.	0.6	1