

Liming Dai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6889868/publications.pdf>

Version: 2024-02-01

7
papers

377
citations

1478505
6
h-index

1720034
7
g-index

7
all docs

7
docs citations

7
times ranked

125
citing authors

#	ARTICLE	IF	CITATIONS
1	Experimental and numerical analysis of the autoignition behavior of NH ₃ and NH ₃ /H ₂ mixtures at high pressure. <i>Combustion and Flame</i> , 2020, 215, 134-144.	5.2	130
2	Ignition delay times of NH ₃ /DME blends at high pressure and low DME fraction: RCM experiments and simulations. <i>Combustion and Flame</i> , 2021, 227, 120-134.	5.2	97
3	Autoignition studies of NH ₃ /CH ₄ mixtures at high pressure. <i>Combustion and Flame</i> , 2020, 218, 19-26.	5.2	90
4	Numerical investigations on charge motion and combustion of natural gas-enhanced ammonia in marine pre-chamber lean-burn engine with dual-fuel combustion system. <i>International Journal of Hydrogen Energy</i> , 2023, 48, 11476-11492.	7.1	27
5	Numerical study on laminar burning velocity of ammonia flame with methanol addition. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 28152-28164.	7.1	24
6	Study on the combustion process and work capacity of a micro free-piston engine. <i>Journal of Mechanical Science and Technology</i> , 2015, 29, 4993-5000.	1.5	7
7	Variation in Flame Temperature with Burner Stabilization in 1D Premixed Dimethyl Ether/Air Flames Measured by Spontaneous Raman Scattering. <i>Energy & Fuels</i> , 2019, 33, 11976-11984.	5.1	2