

Ki Sung Jung

List of Publications by Year in descending order

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Version: 2024-02-01

8
papers

66
citations

1684188
5
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1588992
8
g-index

8
all docs

8
docs citations

8
times ranked

25
citing authors

#	ARTICLE	IF	CITATIONS
1	Differential diffusion effect on the stabilization characteristics of autoignited laminar lifted methane/hydrogen jet flames in heated coflow air. <i>Combustion and Flame</i> , 2018, 198, 305-319.	5.2	19
2	On the flame stabilization of turbulent lifted hydrogen jet flames in heated coflows near the autoignition limit: A comparative DNS study. <i>Combustion and Flame</i> , 2021, 233, 111584.	5.2	14
3	A numerical study of the pyrolysis effect on autoignited laminar lifted dimethyl ether jet flames in heated coflow air. <i>Combustion and Flame</i> , 2019, 209, 225-238.	5.2	10
4	On the flame structure and stabilization characteristics of autoignited laminar lifted n-heptane jet flames in heated coflow air. <i>Combustion and Flame</i> , 2021, 223, 307-319.	5.2	7
5	Real-fluid thermophysicalModels: An OpenFOAM-based library for reacting flow simulations at high pressure. <i>Computer Physics Communications</i> , 2022, 273, 108264.	7.5	5
6	NOx emission characteristics of CH4 versus O2/CO2 counterflow non-premixed flames at various pressures up to 300 atm. <i>Fuel</i> , 2021, 299, 120411.	6.4	4
7	Flame edge dynamics in counterflow nonpremixed flames of CH4/He versus air at low strain rates: An experimental and numerical study. <i>Combustion and Flame</i> , 2022, 235, 111718.	5.2	4
8	On the oscillating flame characteristics in nonpremixed laminar coflow-jets: An experimental and numerical study. <i>Proceedings of the Combustion Institute</i> , 2021, 38, 2049-2056.	3.9	3