

Sanghyeok Kwak

List of Publications by Year in descending order

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Version: 2024-02-01

9
papers

72
citations

1684188
5
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1588992
8
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9
all docs

9
docs citations

9
times ranked

59
citing authors

#	ARTICLE	IF	CITATIONS
1	Thermoacoustic instability and flame transfer function in a lean direct injection model gas turbine combustor. <i>Aerospace Science and Technology</i> , 2021, 116, 106872.	4.8	26
2	Effect of H ₂ enrichment ratio and N ₂ /CO ₂ dilution on swirl-stabilized partially premixed H ₂ /CH ₄ /C ₃ H ₈ SNG combustion. <i>International Journal of Hydrogen Energy</i> , 2020, 45, 31255-31267.	7.1	12
3	Effect of fuel line acoustics on the flame dynamics of H ₂ /CH ₄ syngas in a partially premixed gas turbine combustor. <i>Fuel</i> , 2021, 285, 119231.	6.4	9
4	Predicting instability frequency and amplitude using artificial neural network in a partially premixed combustor. <i>Energy</i> , 2021, 230, 120854.	8.8	8
5	Experimental and numerical analysis of effect of fuel line length on combustion instability for H ₂ /CH ₄ gas turbine combustor. <i>International Journal of Hydrogen Energy</i> , 2021, 46, 38119-38131.	7.1	5
6	Difference in Thermo-Acoustic Instability Frequency Between Partially and Fully Premixed Flames. <i>Journal of Propulsion and Power</i> , 2022, 38, 726-735.	2.2	4
7	Effects of hydrogen addition on the forced response of H ₂ /CH ₄ flames in a dual-nozzle swirl-stabilized combustor. <i>International Journal of Hydrogen Energy</i> , 2022, 47, 28139-28151.	7.1	4
8	High-frequency transition characteristics of synthetic natural gas combustion in gas turbine. <i>Aeronautical Journal</i> , 2019, 123, 138-156.	1.6	3
9	Effects of flame-flame interaction on emission characteristics in gas turbine combustors. <i>Aeronautical Journal</i> , 0, , 1-16.	1.6	1