

# Daesik Kim

## List of Publications by Year in descending order

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7  
papers

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1684188  
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times ranked

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#	ARTICLE	IF	CITATIONS
1	Finite element analysis of self-excited instabilities in a lean premixed gas turbine combustor. International Journal of Heat and Mass Transfer, 2018, 120, 350-360.	4.8	16
2	Effects of fuel line acoustics on the self-excited combustion instability mode transition with hydrogen-enriched laboratory-scale partially premixed combustor. International Journal of Hydrogen Energy, 2020, 45, 19956-19964.	7.1	12
3	Acoustic transfer function of a combustion system with premixing chamber. Journal of Mechanical Science and Technology, 2017, 31, 6069-6076.	1.5	8
4	Numerical investigation on combustion instability modeling in a lean premixed gas turbine combustor combining finite element analysis with local flame transfer function. Journal of Mechanical Science and Technology, 2019, 33, 5547-5559.	1.5	7
5	Experimental and numerical analysis of effect of fuel line length on combustion instability for H <sub>2</sub> /CH <sub>4</sub> gas turbine combustor. International Journal of Hydrogen Energy, 2021, 46, 38119-38131.	7.1	5
6	Acoustic damping characterization of a double-perforated liner in an aero-engine combustor. Journal of Mechanical Science and Technology, 2019, 33, 2957-2965.	1.5	4
7	Design of Acoustic Liner in Small Gas Turbine Combustor Using One-Dimensional Impedance Models. Journal of Engineering for Gas Turbines and Power, 2018, 140, .	1.1	3