

Shuai Guo

List of Publications by Year in descending order

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Version: 2024-02-01

13
papers

175
citations

1307594

7
h-index

1199594

12
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13
all docs

13
docs citations

13
times ranked

74
citing authors

#	ARTICLE	IF	CITATIONS
1	A Gaussian-process-based framework for high-dimensional uncertainty quantification analysis in thermoacoustic instability predictions. Proceedings of the Combustion Institute, 2021, 38, 6251-6259.	3.9	1
2	Reliable Calculation of Thermoacoustic Instability Risk Using an Imperfect Surrogate Model. Journal of Engineering for Gas Turbines and Power, 2021, 143, .	1.1	1
3	The Impact of Exceptional Points on the Reliability of Thermoacoustic Stability Analysis. Journal of Engineering for Gas Turbines and Power, 2021, 143, .	1.1	0
4	Robust identification of flame frequency response via multi-fidelity Gaussian process approach. Journal of Sound and Vibration, 2021, 502, 116083.	3.9	2
5	Efficient Robust Design for Thermoacoustic Instability Analysis: A Gaussian Process Approach. Journal of Engineering for Gas Turbines and Power, 2020, 142, .	1.1	7
6	Evaluating the impact of uncertainty in flame impulse response model on thermoacoustic instability prediction: A dimensionality reduction approach. Proceedings of the Combustion Institute, 2019, 37, 5299-5306.	3.9	13
7	Quantification and Propagation of Uncertainties in Identification of Flame Impulse Response for Thermoacoustic Stability Analysis. Journal of Engineering for Gas Turbines and Power, 2019, 141, .	1.1	12
8	Aeroelastic Study of the Splitter Plate in Turbine-Based Combined-Cycle Inlet. Journal of Aircraft, 2018, 55, 1914-1928.	2.4	4
9	Reduction of Aeroheating and Drag Using Lateral/Oblique/Opposing Jet on Aerodome. Journal of Spacecraft and Rockets, 2018, 55, 523-527.	1.9	18
10	Fluid-thermal analysis of aerodynamic heating over spiked blunt body configurations. Acta Astronautica, 2017, 132, 230-242.	3.2	63
11	Fluid-Structure Interaction Study of the Splitter Plate in Turbine-Based Combined-Cycle Inlet System. Journal of Aerospace Engineering, 2017, 30, 04017010.	1.4	4
12	Fluid-thermal Interaction Investigation of Spiked Blunt Bodies at Hypersonic Flight Condition. Journal of Spacecraft and Rockets, 2016, 53, 629-643.	1.9	39
13	Fluid-structure interaction study of the splitter plate in a TBCC exhaust system during mode transition phase. Acta Astronautica, 2015, 112, 126-139.	3.2	11