

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
g-index

13
all docs

13
docs citations

13
times ranked

74
citing authors

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