

Giulio Ghirardo

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

346
citations

1163065

8
h-index

996954

15
g-index

18
all docs

18
docs citations

18
times ranked

115
citing authors

#	ARTICLE	IF	CITATIONS
1	Azimuthal instabilities in annular combustors: standing and spinning modes. Proceedings of the Royal Society A: Mathematical, Physical and Engineering Sciences, 2013, 469, 20130232.	2.1	85
2	Weakly nonlinear analysis of thermoacoustic instabilities in annular combustors. Journal of Fluid Mechanics, 2016, 805, 52-87.	3.4	52
3	Thermoacoustics of Can-Annular Combustors. Journal of Engineering for Gas Turbines and Power, 2019, 141, .	1.1	52
4	The effect of the flame phase on thermoacoustic instabilities. Combustion and Flame, 2018, 187, 165-184.	5.2	39
5	Quaternion structure of azimuthal instabilities. Physical Review Fluids, 2018, 3, .	2.5	22
6	Amplitude statistics prediction in thermoacoustics. Journal of Fluid Mechanics, 2018, 844, 216-246.	3.4	19
7	Effect of Noise and Nonlinearities on Thermoacoustics of Can-Annular Combustors. Journal of Engineering for Gas Turbines and Power, 2020, 142, .	1.1	18
8	State-space realization of a describing function. Nonlinear Dynamics, 2015, 82, 9-28.	5.2	12
9	Stability Criteria for Standing and Spinning Waves in Annular Combustors. , 2015, , .		9
10	Averaging of thermoacoustic azimuthal instabilities. Journal of Sound and Vibration, 2021, 490, 115732.	3.9	8
11	Low-Order Modeling of Can-Annular Combustors. Journal of Engineering for Gas Turbines and Power, 2021, 143, .	1.1	8
12	Symmetry breaking modelling for azimuthal combustion dynamics. Proceedings of the Combustion Institute, 2021, 38, 5953-5962.	3.9	7
13	Azimuthal flame response and symmetry breaking in a forced annular combustor. Combustion and Flame, 2021, 233, 111565.	5.2	6
14	On the importance of time delay and noise in thermoacoustic modeling. Journal of Sound and Vibration, 2021, 501, 116067.	3.9	3
15	Protection and Identification of Thermoacoustic Azimuthal Modes. Journal of Engineering for Gas Turbines and Power, 2021, 143, .	1.1	2
16	Effect of Noise and Nonlinearities on Thermoacoustics of Can-Annular Combustors. , 2019, , .		2
17	Thermoacoustics of Can-Annular Combustors. , 2018, , .		1
18	Delay Identification in Thermoacoustics. Journal of Engineering for Gas Turbines and Power, 2022, 144, .	1.1	1