

Hiroshi Yokoyama

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

194
citations

1306789

7
h-index

1058022

14
g-index

22
all docs

22
docs citations

22
times ranked

107
citing authors

#	ARTICLE	IF	CITATIONS
1	Global numerical simulation of fluid-structure-acoustic interaction in a single-reed instrument. Journal of the Acoustical Society of America, 2021, 149, 1623-1632.	0.5	5
2	Control of cavity flow with acoustic radiation by an intermittently driven plasma actuator. Physics of Fluids, 2020, 32, .	1.6	23
3	Control of Flow around an Oscillating Plate for Lift Enhancement by Plasma Actuators. Applied Sciences (Switzerland), 2019, 9, 776.	1.3	4
4	Forced-oscillation control of sound radiated from the flow around a cascade of flat plates. Journal of Sound and Vibration, 2018, 431, 248-264.	2.1	10
5	Effects of wake-turbine blade interactions on power production of wind turbines. AIP Conference Proceedings, 2017, , .	0.3	2
6	Measurement of unsteady surface pressure on rotor blades of fans by pressure-sensitive paint. AIP Conference Proceedings, 2017, , .	0.3	3
7	Role of longitudinal vortices induced by jets in upstream boundary layer on suppression of cavity tone. AIP Conference Proceedings, 2017, , .	0.3	0
8	Control of aerodynamic noise from cascade of flat plates by plasma actuators. Transactions of the JSME (in Japanese), 2017, 83, 16-00364-16-00364.	0.1	3
9	Experimental Tests and Aeroacoustic Simulations of the Control of Cavity Tone by Plasma Actuators. Applied Sciences (Switzerland), 2017, 7, 790.	1.3	10
10	Effects of Freestream Turbulence on Cavity Tone and Sound Source. International Journal of Aerospace Engineering, 2016, 2016, 1-16.	0.5	8
11	Direct numerical simulation of fluid-acoustic interactions in a recorder with tone holes. Journal of the Acoustical Society of America, 2015, 138, 858-873.	0.5	30
12	Flows around a cascade of flat plates with acoustic resonance. Physics of Fluids, 2013, 25, .	1.6	28
13	Acoustic Radiation with Resonance around a Cascade of Flat Plates in a Uniform Flow. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2013, 79, 1419-1433.	0.2	1
14	A Formula for Prediction of Frequency of Tonal Sound in Cavity Flows With Acoustic Resonance. , 2011, , .		0
15	Proposition of a New Formula for Frequency Prediction Based on Generation Mechanism of Aerodynamic Sound in Cavity Flows. 880-02 Nihon Kikai Gakkai RonbunshÅ« Transactions of the Japan Society of Mechanical Engineers Series B B-hen, 2011, 77, 1522-1532.	0.2	7
16	Fluid-acoustic interactions in self-sustained oscillations in turbulent cavity flows. I. Fluid-dynamic oscillations. Physics of Fluids, 2009, 21, .	1.6	38
17	Fluid-Acoustics Interaction in Self-Sustained Oscillations Over a Cavity in a Turbulent Boundary Layer. , 2008, , .		0
18	Self-sustained oscillations with acoustic feedback in flows over a backward-facing step with a small upstream step. Physics of Fluids, 2007, 19, 106104.	1.6	18

#	ARTICLE	IF	CITATIONS
19	Self-Sustained Oscillations With Tonal Sound Around a Backward-Facing Step With a Small Upstream Step. , 2007, , 209.		0
20	Experimental and Numerical Investigations on Control Methods of Cavity Tone by Blowing Jet in an Upstream Boundary Layer. SAE International Journal of Passenger Cars - Mechanical Systems, 0, 10, 703-711.	0.4	2
21	Suppression of Aerodynamic Tonal Noise from an Automobile Bonnet Using a Plasma Actuator. SAE International Journal of Passenger Cars - Mechanical Systems, 0, 10, 712-720.	0.4	2
22	Direct and Hybrid Aeroacoustic Simulations Around a Rectangular Cylinder. , 0, , .		0