

Xiaodong Jing

List of Publications by Year in descending order

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Version: 2024-02-01

10
papers

192
citations

1478505

6
h-index

1372567

10
g-index

10
all docs

10
docs citations

10
times ranked

118
citing authors

#	ARTICLE	IF	CITATIONS
1	Frequency lock-in mechanism in flow-induced acoustic resonance of a cylinder in a flow duct. Journal of Fluid Mechanics, 2020, 884, .	3.4	15
2	Vortex sound interaction in acoustic resonance of a flow duct containing a plate. Journal of Sound and Vibration, 2020, 483, 115482.	3.9	5
3	Prediction of vortex-shedding noise from the blunt trailing edge of a flat plate. Journal of Sound and Vibration, 2017, 408, 20-30.	3.9	4
4	Acoustic properties of multiple cavity resonance liner for absorbing higher-order duct modes. Journal of the Acoustical Society of America, 2016, 140, 1251-1267.	1.1	6
5	Soft resonator of omnidirectional resonance for acoustic metamaterials with a negative bulk modulus. Scientific Reports, 2015, 5, 16110.	3.3	16
6	Flow-excited acoustic resonance of a Helmholtz resonator: Discrete vortex model compared to experiments. Physics of Fluids, 2015, 27, .	4.0	23
7	Aeroacoustic model of a modulation fan with pitching blades as a sound generator. Journal of the Acoustical Society of America, 2014, 136, 1542-1551.	1.1	4
8	Suppression of Helmholtz resonance using inside acoustic liner. Journal of Sound and Vibration, 2014, 333, 3585-3597.	3.9	14
9	Discrete vortex model of a Helmholtz resonator subjected to high-intensity sound and grazing flow. Journal of the Acoustical Society of America, 2012, 132, 2988-2996.	1.1	19
10	A straightforward method for wall impedance education in a flow duct. Journal of the Acoustical Society of America, 2008, 124, 227-234.	1.1	86