

Xiaodong Li

List of Publications by Year in descending order

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Version: 2024-02-01

20
papers

176
citations

1307594

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1125743

13
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21
all docs

21
docs citations

21
times ranked

113
citing authors

#	ARTICLE	IF	CITATIONS
1	Effects of grazing flow profile on the acoustic and aerodynamic responses of a slit-resonator. , 2022, , .		0
2	Direct Measurements of Aerodynamic Drag of Acoustic Liners. , 2022, , .		0
3	On spatially varying acoustic impedance due to high sound intensity decay in a lined duct. Journal of Sound and Vibration, 2020, 483, 115430.	3.9	7
4	A computational investigation of particle acoustic agglomeration in a resonance tube. Powder Technology, 2020, 374, 82-94.	4.2	2
5	Numerical modeling of submicron particles for acoustic concentration in gaseous flow. Journal of the Acoustical Society of America, 2020, 147, 152-160.	1.1	0
6	Microscopic fluid dynamics of a wire screen bound to a slit resonator excited by acoustic waves. Physics of Fluids, 2020, 32, .	4.0	10
7	Anisotropic source modelling for turbulent jet noise prediction. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2019, 377, 20190075.	3.4	3
8	Effect of Different ZrN Addition on Microstructure and Wear Properties of Titanium Based Coatings by Laser Cladding Technique. Coatings, 2019, 9, 261.	2.6	7
9	Numerical and Experimental Investigations on the Flow Drag of a Multi-slit Acoustic Liner. , 2019, , .		1
10	Numerical study on non-locally reacting behavior of nacelle liners incorporating drainage slots. Journal of Sound and Vibration, 2018, 424, 15-31.	3.9	11
11	Numerical Investigation on Acoustic Energy Flux Distribution in a Lined Duct. , 2018, , .		1
12	Computation of compressible turbulent jet flows using modified LRR - omega model. , 2017, , .		1
13	CO2 solubility in aqueous solutions of N-methyldiethanolamine+piperazine by electrolyte NRTL model. Science China Chemistry, 2016, 59, 360-369.	8.2	7
14	A Numerical Investigation on Sound Absorption Mechanism of Micro Resonator with Offset Slits. Journal of Computational Acoustics, 2015, 23, 1550001.	1.0	3
15	Vapor-liquid equilibria of CH4, CO2 and their binary system CH4 + CO2: A comparison between the molecular simulation and equation of state. Science China Technological Sciences, 2015, 58, 650-658.	4.0	9
16	Nonuniform-time-step explicit Runge-Kutta scheme for high-order finite difference method. Computers and Fluids, 2014, 105, 166-178.	2.5	10
17	Improved Multipole Broadband Time-Domain Impedance Boundary Condition. AIAA Journal, 2012, 50, 980-984.	2.6	28
18	Nonuniform time-step Runge-Kutta discontinuous Galerkin method for Computational Aeroacoustics. Journal of Computational Physics, 2010, 229, 6874-6897.	3.8	55

#	ARTICLE	IF	CITATIONS
19	A MULTI-TIME-STEP STRATEGY BASED ON AN OPTIMIZED TIME INTERPOLATION SCHEME FOR OVERSET GRIDS. Journal of Computational Acoustics, 2010, 18, 131-148.	1.0	20
20	Nonuniform-Time-Step Explicit Runge-Kutta Scheme for High-Order Finite Difference Methods. , 2010, , .		0