

Xiaodong Li

List of Publications by Year in descending order

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20
papers

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1307594

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times ranked

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citing authors

#	ARTICLE	IF	CITATIONS
1	Nonuniform time-step Runge-Kutta discontinuous Galerkin method for Computational Aeroacoustics. <i>Journal of Computational Physics</i> , 2010, 229, 6874-6897.	3.8	55
2	Improved Multipole Broadband Time-Domain Impedance Boundary Condition. <i>AIAA Journal</i> , 2012, 50, 980-984.	2.6	28
3	A MULTI-TIME-STEP STRATEGY BASED ON AN OPTIMIZED TIME INTERPOLATION SCHEME FOR OVERSET GRIDS. <i>Journal of Computational Acoustics</i> , 2010, 18, 131-148.	1.0	20
4	Numerical study on non-locally reacting behavior of nacelle liners incorporating drainage slots. <i>Journal of Sound and Vibration</i> , 2018, 424, 15-31.	3.9	11
5	Nonuniform-time-step explicit Runge-Kutta scheme for high-order finite difference method. <i>Computers and Fluids</i> , 2014, 105, 166-178.	2.5	10
6	Microscopic fluid dynamics of a wire screen bound to a slit resonator excited by acoustic waves. <i>Physics of Fluids</i> , 2020, 32, .	4.0	10
7	Vapor-liquid equilibria of CH ₄ , CO ₂ and their binary system CH ₄ + CO ₂ : A comparison between the molecular simulation and equation of state. <i>Science China Technological Sciences</i> , 2015, 58, 650-658.	4.0	9
8	CO ₂ solubility in aqueous solutions of N-methyldiethanolamine+piperazine by electrolyte NRTL model. <i>Science China Chemistry</i> , 2016, 59, 360-369.	8.2	7
9	Effect of Different ZrN Addition on Microstructure and Wear Properties of Titanium Based Coatings by Laser Cladding Technique. <i>Coatings</i> , 2019, 9, 261.	2.6	7
10	On spatially varying acoustic impedance due to high sound intensity decay in a lined duct. <i>Journal of Sound and Vibration</i> , 2020, 483, 115430.	3.9	7
11	A Numerical Investigation on Sound Absorption Mechanism of Micro Resonator with Offset Slits. <i>Journal of Computational Acoustics</i> , 2015, 23, 1550001.	1.0	3
12	Anisotropic source modelling for turbulent jet noise prediction. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2019, 377, 20190075.	3.4	3
13	A computational investigation of particle acoustic agglomeration in a resonance tube. <i>Powder Technology</i> , 2020, 374, 82-94.	4.2	2
14	Numerical Investigation on Acoustic Energy Flux Distribution in a Lined Duct. , 2018, , .		1
15	Numerical and Experimental Investigations on the Flow Drag of a Multi-slit Acoustic Liner. , 2019, , .		1
16	Computation of compressible turbulent jet flows using modified LRR - omega model. , 2017, , .		1
17	Nonuniform-Time-Step Explicit Runge-Kutta Scheme for High-Order Finite Difference Methods. , 2010, , .		0
18	Numerical modeling of submicron particles for acoustic concentration in gaseous flow. <i>Journal of the Acoustical Society of America</i> , 2020, 147, 152-160.	1.1	0

#	ARTICLE	IF	CITATIONS
19	Effects of grazing flow profile on the acoustic and aerodynamic responses of a slit-resonator. , 2022, , .		0
20	Direct Measurements of Aerodynamic Drag of Acoustic Liners. , 2022, , .		0