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List of Publications by Year in descending order

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Version: 2024-02-01

24
papers

441
citations

759233

12
h-index

794594

19
g-index

24
all docs

24
docs citations

24
times ranked

216
citing authors

#	ARTICLE	IF	CITATIONS
1	Sub-harmonic broadband humps and tip noise in low-speed ring fans. Journal of the Acoustical Society of America, 2016, 139, 118-127.	1.1	66
2	Noise Source Analysis of a Roda€™Airfoil Configuration Using Unstructured Large-Eddy Simulation. AIAA Journal, 2015, 53, 1062-1077.	2.6	57
3	Large Eddy Simulation of a scale-model turbofan for fan noise source diagnostic. Journal of Sound and Vibration, 2019, 445, 64-76.	3.9	55
4	Rotating coherent flow structures as a source for narrowband tip clearance noise from axial fans. Journal of Sound and Vibration, 2018, 417, 198-215.	3.9	45
5	Modal analysis of the laminar boundary layer instability and tonal noise of an airfoil at Reynolds number 150,000. International Journal of Aeroacoustics, 2019, 18, 317-350.	1.3	30
6	A characteristic inlet boundary condition for compressible, turbulent, multispecies turbomachinery flows. Computers and Fluids, 2019, 178, 41-55.	2.5	28
7	Isothermal and heated subsonic jet noise using large eddy simulations on unstructured grids. Computers and Fluids, 2018, 171, 166-192.	2.5	27
8	Fast and accurate analytical modeling of broadband noise for a low-speed fan. Journal of the Acoustical Society of America, 2018, 143, 3103-3113.	1.1	23
9	Noise mechanisms in a transonic high-pressure turbine stage. International Journal of Aeroacoustics, 2016, 15, 144-161.	1.3	17
10	Tonal noise prediction and validation on the ANCF rotor-stator configuration. Noise Control Engineering Journal, 2015, 63, 552-562.	0.3	16
11	Large-Eddy Simulation of a Single Airfoil Tip-Leakage Flow. AIAA Journal, 2021, 59, 2546-2557.	2.6	14
12	Turbulent flow and noise sources on a circular cylinder in the critical regime. AIP Advances, 2019, 9, .	1.3	12
13	Optimization of tonal noise control with flow obstruction. Journal of Sound and Vibration, 2018, 437, 264-275.	3.9	8
14	Numerical Prediction of Far-Field Combustion Noise from Aeronautical Engines. Acoustics, 2019, 1, 174-198.	1.4	8
15	Numerical assessment of the tonal noise of Counter-Rotating Open Rotors at approach. International Journal of Aeroacoustics, 2016, 15, 23-40.	1.3	7
16	Effect of Weak Outlet-Guide-Vane Heterogeneity on Rotora€™Stator Tonal Noise. AIAA Journal, 2017, 55, 3440-3457.	2.6	7
17	Parametric study on state-of-the-art analytical models for fan broadband interaction noise predictions. Journal of Sound and Vibration, 2021, 514, 116423.	3.9	6
18	Improvement of the Near Wall Treatment in Large Eddy Simulation for Aeroacoustic Applications. , 2018, , .		3

#	ARTICLE	IF	CITATIONS
19	Large-Eddy Simulation of a Linear Compressor Cascade with Tip Gap: Aerodynamic and Acoustic Analysis. , 2021, , .		3
20	CFD-based prediction of wall-pressure spectra under a turbulent boundary layer with adverse pressure gradient. CEAS Aeronautical Journal, 2021, 12, 125-133.	1.7	3
21	Numerical Aeroacoustic Analysis of a Linear Compressor Cascade with Tip Gap. AIAA Journal, 2022, 60, 4840-4854.	2.6	2
22	Large-Eddy Simulation and Broadband Acoustic Prediction of an Helicopter Rotor in Hover. , 2022, , .		2
23	Large-Eddy Simulation of a Single Airfoil Tip-Leakage Flow. , 2020, , .		1
24	Acoustic Investigation of the Transonic RAE 2822 Airfoil with Large-Eddy Simulation. , 2022, , .		1