

Stéphane Moreau

List of Publications by Year in descending order

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319
papers

5,902
citations

101384

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h-index

118652

62
g-index

322
all docs

322
docs citations

322
times ranked

1767
citing authors

#	ARTICLE	IF	CITATIONS
1	Sound localization and quantification analysis of an automotive engine cooling module. Journal of Sound and Vibration, 2022, 517, 116534.	2.1	10
2	On a three-dimensional investigation of airfoil turbulence-impingement noise and its reduction by leading-edge tubercles. Journal of Sound and Vibration, 2022, 520, 116635.	2.1	9
3	Surface pressure spectrum variation with Mach number on a CD airfoil. Journal of Sound and Vibration, 2022, 526, 116762.	2.1	6
4	Synthesis, Crystal Structure and Anti-Leukemic Activity of 1,3-Dihydro-1-{1-[4-(4-phenylpyrrolo[1,2-a]quinoxalin-3-yl)benzyl]piperidin-4-yl}-2H-benzimidazol-2-one. MolBank, 2022, 2022, M1333.	0.2	3
5	Adverse-pressure-gradient turbulent boundary layer on convex wall. Physics of Fluids, 2022, 34, .	1.6	8
6	Energy dissipation and onset of instabilities in coarse-grained discrete element method on homogeneous cooling systems. Physics of Fluids, 2022, 34, .	1.6	5
7	The third golden age of aeroacoustics. Physics of Fluids, 2022, 34, .	1.6	27
8	Large Eddy Simulation of a supersonic air ejector. Applied Thermal Engineering, 2022, 209, 118177.	3.0	12
9	Experimental investigation of aerofoil tonal noise at low Mach number. Journal of Fluid Mechanics, 2022, 932, .	1.4	10
10	Advances in the Prediction of the Statistical Properties of Wall-Pressure Fluctuations under Turbulent Boundary Layers. Fluids, 2022, 7, 161.	0.8	3
11	Numerical Aeroacoustic Analysis of a Linear Compressor Cascade with Tip Gap. AIAA Journal, 2022, 60, 4840-4854.	1.5	2
12	Flow-field and Noise Characterization of a Controlled-Diffusion Airfoil. , 2022, , .		3
13	Predicting the sound refraction on shear layers with deep neural networks. , 2022, , .		0
14	Aeroacoustic investigation of an Urban-Air-Mobility ducted fan. , 2022, , .		3
15	Large-Eddy Simulation and Broadband Acoustic Prediction of an Helicopter Rotor in Hover. , 2022, , .		2
16	Investigation of Curle's Dipolar Sources on a Porous Airfoil Interacting with Incoming Turbulence. , 2022, , .		0
17	Direct Numerical Simulation of Controlled Diffusion airfoil self-noise. , 2022, , .		1
18	Numerical investigation of the noise radiated by an H-Darrieus wind turbine at different tip speed ratios. , 2022, , .		1

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19	Aeroacoustic investigation of automotive engine cooling modules using the Lattice-Boltzmann Method. , 2022, , .		1
20	Acoustic Investigation of the Transonic RAE 2822 Airfoil with Large-Eddy Simulation. , 2022, , .		1
21	Wall-Resolved LES of a Linear Compressor Cascade with Moving Endwall. , 2022, , .		0
22	Analytical model of the source and radiation of sound from the trailing edge of a swept airfoil. Journal of Sound and Vibration, 2021, 493, 115838.	2.1	3
23	Optimization of trailing-edge serrations with and without slits for broadband noise reduction. Journal of Sound and Vibration, 2021, 490, 115736.	2.1	15
24	Effects of Boundary Conditions in Fully Convolutional Networks for Learning Spatio-Temporal Dynamics. Lecture Notes in Computer Science, 2021, , 102-117.	1.0	4
25	Rapid distortion theory of turbulent flow around a porous cylinder. Journal of Fluid Mechanics, 2021, 915, .	1.4	18
26	Noise mechanisms in a radial fan without volute. Journal of Physics: Conference Series, 2021, 1909, 012009.	0.3	2
27	Identification of Noise Sources in a Realistic Turbofan Rotor Using Large Eddy Simulation. Journal of Physics: Conference Series, 2021, 1909, 012006.	0.3	0
28	Sweep-angle effect on low-order acoustic prediction for low-speed fans. Journal of Physics: Conference Series, 2021, 1909, 012005.	0.3	0
29	Analytical Modeling of Modulated Rotating-Blade Noise : the Skipping Rope and the Darrieus Wind Turbine. Journal of Physics: Conference Series, 2021, 1909, 012010.	0.3	1
30	Influence of the liner-type treatment on the trailing-edge noise generated by a flat plate. International Journal of Aeroacoustics, 2021, 20, 773-791.	0.8	2
31	Experimental and Analytical Investigation of the Distortion of Turbulence Interacting with a Porous Airfoil. , 2021, , .		1
32	Large-Eddy Simulation of a Linear Compressor Cascade with Tip Gap: Aerodynamic and Acoustic Analysis. , 2021, , .		3
33	Wall-Resolved Large Eddy Simulation of a Realistic Turbofan Rotor for Noise Prediction. , 2021, , .		4
34	A Generalized Corcos model for the prediction of the coherence function in turbulent boundary layers with zero and adverse pressure gradient. , 2021, , .		0
35	A generic deep learning framework for propagation and scattering of acoustic waves in quiescent flows. , 2021, , .		2
36	Large-Eddy Simulation of a Single Airfoil Tip-Leakage Flow. AIAA Journal, 2021, 59, 2546-2557.	1.5	14

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37	Numerical investigation of the effect of inflow non-uniformity on the noise radiated by a vertical axis wind turbine. , 2021, , .		1
38	Stability characteristics of different aerofoil flows at $R_{e,c} = 150000$ and the implications for aerofoil self-noise. Journal of Sound and Vibration, 2021, 506, 116152.		
39	Swirling mean flow effects on locally reacting interstage liner. International Journal of Aeroacoustics, 2021, 20, 561-587.	0.8	0
40	Turbulent boundary layer trailing-edge noise: Theory, computation, experiment, and application. Progress in Aerospace Sciences, 2021, 126, 100737.	6.3	68
41	Predicting the propagation of acoustic waves using deep convolutional neural networks. Journal of Sound and Vibration, 2021, 512, 116285.	2.1	19
42	Parametric study on state-of-the-art analytical models for fan broadband interaction noise predictions. Journal of Sound and Vibration, 2021, 514, 116423.	2.1	6
43	CFD-based prediction of wall-pressure spectra under a turbulent boundary layer with adverse pressure gradient. CEAS Aeronautical Journal, 2021, 12, 125-133.	0.9	3
44	A Review of Turbomachinery Noise: From Analytical Models to High-Fidelity Simulations. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2021, , 579-595.	0.2	4
45	Wall-Modeled Large-Eddy Simulations of a Multistage High-Pressure Compressor. Flow, Turbulence and Combustion, 2020, 104, 725-751.	1.4	2
46	On the use of two-point velocity correlation in wall-pressure models for turbulent flow past a trailing edge under adverse pressure gradient. Physics of Fluids, 2020, 32, .	1.6	19
47	Numerical Investigation of Influence of Entropy Wave on the Acoustic and Wall Heat Transfer Characteristics of a High-Pressure Turbine Guide Vane. Acoustics, 2020, 2, 524-538.	0.8	1
48	Influence of Swept Blades on Low-Order Acoustic Prediction for Axial Fans. Acoustics, 2020, 2, 812-832.	0.8	11
49	On the noise generated by a controlled-diffusion aerofoil at $R_{e,c} = 1.5 \times 10^5$. Journal of Sound and Vibration, 2020, 487, 115620.	2.1	13
50	Identification of Noise Sources in a Realistic Turbofan Rotor Using Large Eddy Simulation. Acoustics, 2020, 2, 691-706.	0.8	19
51	Tonal-Noise Assessment of Quadrotor-Type UAV Using Source-Mode Expansions. Acoustics, 2020, 2, 674-690.	0.8	21
52	Experimental and Analytical Investigation of the Tonal Trailing-Edge Noise Radiated by Low Reynolds Number Aerofoils. Acoustics, 2020, 2, 293-329.	0.8	24
53	Large-Eddy Simulation of a Single Airfoil Tip-Leakage Flow. , 2020, , .		1
54	Tip flow evolution in a turbofan rotor for broadband noise diagnostic. , 2020, , .		4

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55	Numerical study of optimized airfoil trailing-edge serrations for broadband noise reduction. , 2020, , .		4
56	Experimental Analysis of the Sound Radiated by an Automotive Cooling Module Working at Different Operational Conditions. , 2020, , .		1
57	Analytical and experimental investigation of leading-edge noise reduction on a flat plate with serrations. , 2020, , .		1
58	Predicting the Propagation of Acoustic Waves using Deep Convolutional Neural Networks. , 2020, , .		7
59	Broadband Noise Predictions on the ACAT1 Fan Stage Using Large Eddy Simulations and Analytical Models. , 2020, , .		8
60	Aerodynamic and acoustic investigation of the liner-type porous treatment for the trailing-edge of the flat plate.. , 2020, , .		1
61	Large Eddy Simulation of an Outflow butterfly valve. , 2020, , .		0
62	On the role of turbulence distortion on leading-edge noise reduction by means of porosity. Journal of Sound and Vibration, 2020, 485, 115561.	2.1	58
63	Experimental investigation of the noise radiated by a ducted air flow discharge through diaphragms and perforated plates. Journal of Sound and Vibration, 2020, 472, 115177.	2.1	5
64	Trailing-edge broadband noise prediction of an airfoil with boundary-layer tripping. Journal of Sound and Vibration, 2020, 482, 115450.	2.1	25
65	Large Eddy Simulation of Heat Transfer Within a Multi-Perforation Synthetic Jets Configuration. Journal of Turbomachinery, 2020, 142, .	0.9	4
66	Localization of Swept Free-Tip Airfoil Noise Sources by Microphone Array Processing. AIAA Journal, 2020, 58, 3414-3425.	1.5	6
67	1-Phenyl-8-[[4-(pyrrolo[1,2-a]quinoxalin-4-yl)phenyl]methyl]-1,3,8-triazaspiro[4.5]decan-4-one: Synthesis, Crystal Structure and Anti-Leukemic Activity. MolBank, 2020, 2020, M1113.	0.2	6
68	Turbulent flow and noise sources on a circular cylinder in the critical regime. AIP Advances, 2019, 9, .	0.6	12
69	Analytical, numerical and experimental investigation of trailing-edge noise reduction on a Controlled Diffusion airfoil with serrations. , 2019, , .		10
70	Large Eddy Simulation of a scale-model turbofan for fan noise source diagnostic. Journal of Sound and Vibration, 2019, 445, 64-76.	2.1	55
71	Numerical Investigation of Noise Sources in a Single Airfoil Tip-Leakage Flow. , 2019, , .		7
72	Aeolian noise of a cylinder in the critical regime. Journal of the Acoustical Society of America, 2019, 146, 1404-1415.	0.5	10

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73	Optimization of serrations for broadband trailing-edge noise reduction using an analytical model. , 2019, , .		7
74	Analytical models of the wall-pressure spectrum under a turbulent boundary layer with adverse pressure gradient. Journal of Fluid Mechanics, 2019, 877, 1007-1062.	1.4	41
75	Effects of pressure gradient on the evolution of velocity-gradient tensor invariant dynamics on a controlled-diffusion aerofoil at. Journal of Fluid Mechanics, 2019, 868, 584-610.	1.4	23
76	Direct Noise Computation of Low-speed Ring Fans. Acta Acustica United With Acustica, 2019, 105, 30-42.	0.8	20
77	Turbomachinery Noise Predictions: Present and Future. Acoustics, 2019, 1, 92-116.	0.8	52
78	Azimuthal mode analysis of broadband shock-associated noise in an under-expanded axisymmetric jet. Journal of Sound and Vibration, 2019, 449, 64-83.	2.1	15
79	Numerical Prediction of Far-Field Combustion Noise from Aeronautical Engines. Acoustics, 2019, 1, 174-198.	0.8	8
80	Effect of sweep angle and of wall-pressure statistics on the free-field directivity of airfoil trailing-edge noise. , 2019, , .		3
81	Fan Broadband Noise Computation at Transonic Regime. , 2019, , .		6
82	Towards counter-rotating open rotor noise reduction via radiation efficiency considerations. , 2019, , .		0
83	On the Use of RANS-informed Analytical Models to Perform Broadband Rotor-Stator Interaction Noise Predictions. , 2019, , .		9
84	Acoustic and aerodynamic investigation of passive trailing-edge treatments for the Controlled-Diffusion airfoil. , 2019, , .		1
85	Liner-type porous treatments for the flat plate trailing edge. , 2019, , .		2
86	Two-dimensional sound transmission in realistic turbomachinery cascade. , 2019, , .		3
87	Wavelet-based Procedure for the Identification of Signatures of the Azimuthal Modes for Broadband Shock-associated Noise. , 2019, , .		0
88	A characteristic inlet boundary condition for compressible, turbulent, multispecies turbomachinery flows. Computers and Fluids, 2019, 178, 41-55.	1.3	28
89	Tonal Noise Prediction of a Modern Turbofan Engine With Large Upstream and Downstream Distortion. Journal of Turbomachinery, 2019, 141, .	0.9	16
90	Experimental investigation of the interplay between the sound field and the flow field in skewed low-pressure axial fans. Journal of Sound and Vibration, 2019, 442, 220-236.	2.1	28

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91	Modal analysis of the laminar boundary layer instability and tonal noise of an airfoil at Reynolds number 150,000. <i>International Journal of Aeroacoustics</i> , 2019, 18, 317-350.	0.8	30
92	Identification of temporal and spatial signatures of broadband shock-associated noise. <i>Shock Waves</i> , 2019, 29, 117-134.	1.0	15
93	Inlet and Outlet Characteristics Boundary Conditions for Large Eddy Simulations of Turbomachinery. , 2019, , .		1
94	Sound Radiation of a Smoke-Removal Fan System. <i>Acta Acustica United With Acustica</i> , 2019, 105, 86-94.	0.8	0
95	Assessment of the Impact of a Heterogeneous Stator on the Noise of an Axial-Flow Low Mach-number Stage. , 2019, , .		1
96	Rotating coherent flow structures as a source for narrowband tip clearance noise from axial fans. <i>Journal of Sound and Vibration</i> , 2018, 417, 198-215.	2.1	45
97	Numerical analysis of a high-order unstructured overset grid method for compressible LES of turbomachinery. <i>Journal of Computational Physics</i> , 2018, 363, 371-398.	1.9	13
98	Nonlinear characterization of a Rossler system under periodic closed-loop control via time-frequency and bispectral analysis. <i>Mechanical Systems and Signal Processing</i> , 2018, 99, 567-585.	4.4	7
99	Large-Eddy-simulation prediction of indirect combustion noise in the entropy wave generator experiment. <i>International Journal of Spray and Combustion Dynamics</i> , 2018, 10, 154-168.	0.4	8
100	Aeroacoustic Analysis of the Tonal Noise of a Large-Scale Radial Blower. <i>Journal of Fluids Engineering, Transactions of the ASME</i> , 2018, 140, .	0.8	5
101	Study of Combustion Noise Generation in a Realistic Turbine Stage Configuration. , 2018, , .		3
102	Ignition Dynamics in an Annular Combustor With Gyrotory Flow Motion. , 2018, , .		1
103	Optimization of tonal noise control with flow obstruction. <i>Journal of Sound and Vibration</i> , 2018, 437, 264-275.	2.1	8
104	Fast and accurate analytical modeling of broadband noise for a low-speed fan. <i>Journal of the Acoustical Society of America</i> , 2018, 143, 3103-3113.	0.5	23
105	The modified Myers boundary condition for swirling flow. <i>Journal of Fluid Mechanics</i> , 2018, 847, 868-906.	1.4	4
106	Experimental investigation of the output duct role in the transient bleed valve noise. , 2018, , .		0
107	Improvement of the Near Wall Treatment in Large Eddy Simulation for Aeroacoustic Applications. , 2018, , .		3
108	Direct Numerical Simulation of the Self-Noise Radiated by the Installed Controlled-Diffusion Airfoil at Transitional Reynolds Number. , 2018, , .		8

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109	Broadband Airfoil-Noise Source Localization by Microphone Arrays and Modeling of a Swept Free-Tip Blade. , 2018, , .		1
110	Investigations on Analytic Models of Broadband Wake-Blade Interaction Noise. , 2018, , .		2
111	Trailing-edge noise of a flat plate with several liner-type porous appendices. , 2018, , .		7
112	Using LES for combustion noise propagation to the far-field by considering the jet flow of a dual-stream nozzle. , 2018, , .		1
113	The impedance boundary condition for acoustics in swirling ducted flow. Journal of Fluid Mechanics, 2018, 849, 645-675.	1.4	5
114	Multi-disciplinary optimization of a contra-rotating fan. International Journal of Aeroacoustics, 2018, 17, 655-686.	0.8	11
115	Advanced noise modeling for future propulsion systems. International Journal of Aeroacoustics, 2018, 17, 576-599.	0.8	37
116	Experimental study of the noise radiated by an air flow discharge through diaphragms and perforated plates. Journal of Sound and Vibration, 2018, 434, 144-165.	2.1	6
117	Isothermal and heated subsonic jet noise using large eddy simulations on unstructured grids. Computers and Fluids, 2018, 171, 166-192.	1.3	27
118	Interior sound field control using generalized singular value decomposition in the frequency domain. Journal of the Acoustical Society of America, 2017, 141, 334-345.	0.5	5
119	Design, synthesis and antimalarial activity of novel bis{N-[(pyrrolo[1,2-a]quinoxalin-4-yl)benzyl]-3-aminopropyl}amine derivatives. Journal of Enzyme Inhibition and Medicinal Chemistry, 2017, 32, 547-563.	2.5	51
120	Synthesis and Antiproliferative Effect of Ethyl 4-(4-substituted) Tj ETQq0 0 0 rgBT /Overlock 10 Tf 50 307 Td (Piperidinyl) ChemMedChem, 2017, 12, 940-953.	1.6	30
121	A 3D analytical model for orthogonal blade-vortex interaction noise. Journal of Sound and Vibration, 2017, 399, 104-123.	2.1	25
122	Aeroacoustic Simulations of a Simplified High-Lift Device Accounting for Some Installation Effects. AIAA Journal, 2017, 55, 774-789.	1.5	22
123	Laminar boundary layer instability noise. , 2017, , .		2
124	Aeroacoustics of an axial ducted low Mach-number stage: numerical and experimental investigation. , 2017, , .		7
125	Effects of Intermittency and Geometry on the Turbulence Impingement Noise of a CROR Rear-Rotor Blade. , 2017, , .		5
126	Direct Numerical Simulation of Transitional Airfoil Noise. , 2017, , .		1

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127	On a two-dimensional mode-matching technique for sound generation and transmission in axial-flow outlet guide vanes. <i>Journal of Sound and Vibration</i> , 2017, 403, 190-213.	2.1	21
128	Effect of Weak Outlet-Guide-Vane Heterogeneity on Rotor Stator Tonal Noise. <i>AIAA Journal</i> , 2017, 55, 3440-3457.	1.5	7
129	Experimental investigation of the transient bleed valve noise. , 2017, , .		1
130	Direct noise prediction and control of an installed large low-speed radial fan. <i>European Journal of Mechanics, B/Fluids</i> , 2017, 61, 235-243.	1.2	26
131	Aeroacoustic study of an axial engine cooling module using lattice-Boltzmann simulations and the Ffowcs Williams and Hawkings™ analogy. <i>European Journal of Mechanics, B/Fluids</i> , 2017, 61, 244-254.	1.2	24
132	Hybrid noise predictions of a radial notebook blower. <i>European Journal of Mechanics, B/Fluids</i> , 2017, 61, 226-234.	1.2	2
133	Effect of Distortion on Turbofan Tonal Noise at Cutback with Hybrid Methods. <i>International Journal of Turbomachinery, Propulsion and Power</i> , 2017, 2, 16.	0.5	9
134	Active Flow Control in a Radial Vaned Diffuser for Surge Margin Improvement: A Multislot Suction Strategy. <i>International Journal of Rotating Machinery</i> , 2017, 2017, 1-12.	0.8	6
135	Liner behavior in an annular duct with swirling and sheared mean flow. , 2017, , .		3
136	Impact of inlet distortion on fan tonal noise. , 2017, , .		1
137	Direct noise simulation of a canonical high lift device and comparison with an analytical model. <i>Journal of the Acoustical Society of America</i> , 2016, 140, 2091-2100.	0.5	8
138	Effects of Subgrid Scale Modeling on the Deterministic and Stochastic Turbulent Energetic Distribution in Large-Eddy Simulations of a High-Pressure Turbine Stage. <i>Journal of Turbomachinery</i> , 2016, 138, .	0.9	15
139	Tonal noise of a controlled-diffusion airfoil at low angle of attack and Reynolds number. <i>Journal of the Acoustical Society of America</i> , 2016, 140, EL113-EL118.	0.5	26
140	Sub-harmonic broadband humps and tip noise in low-speed ring fans. <i>Journal of the Acoustical Society of America</i> , 2016, 139, 118-127.	0.5	66
141	Application of an Overset Grid Method to the Large Eddy Simulation of a High-Speed Multistage Axial Compressor. , 2016, , .		8
142	Symmetry breaking of azimuthal thermoacoustic modes: the UQ perspective. <i>Journal of Fluid Mechanics</i> , 2016, 789, 534-566.	1.4	28
143	Transmission and reflection of acoustic and entropy waves through a stator rotor stage. <i>Journal of Sound and Vibration</i> , 2016, 374, 260-278.	2.1	28
144	Numerical assessment of the tonal noise of Counter-Rotating Open Rotors at approach. <i>International Journal of Aeroacoustics</i> , 2016, 15, 23-40.	0.8	7

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145	Cascade trailing-edge noise modeling using a mode-matching technique and the edge-dipole theory. Journal of Sound and Vibration, 2016, 382, 310-327.	2.1	6
146	Parameterization and optimization of broadband noise for high-lift devices. Computers and Fluids, 2016, 140, 308-319.	1.3	4
147	Uncertainty Quantification Applied to Aeroacoustics of Wall-Bounded Flows. , 2016, , 1-31.		1
148	Influence and modeling of OGV heterogeneity. , 2016, , .		2
149	Fan-OGV interaction broadband noise prediction in a rigid annular duct with swirling and sheared mean flow. , 2016, , .		15
150	Noise Prediction of a Simplified High-Lift Device. , 2016, , .		3
151	Effect of the Edge-and-Tip Vortex on Airfoil Selfnoise and Turbulence Impingement Noise. , 2016, , .		6
152	Large Eddy Simulation of a scale-model turbofan for fan noise source diagnostic. , 2016, , .		13
153	Unsteady Wall Pressure Measurements In An Outflow Butterfly Valve Using Remote Microphone Probes. , 2016, , .		2
154	A preliminary semi-empirical approach for CROR noise modeling. , 2016, , .		2
155	Numerical investigation of combustion noise from aeronautical combustor to far-field. , 2016, , .		2
156	Experimental Validation of Ducted Low-Speed Cooling Fan Noise Prediction Methods Including Broadband Scattering. , 2016, , .		0
157	Several noise control of the trailing-edge noise of a Controlled-Diffusion airfoil. , 2016, , .		10
158	Influence of Distortion on Fan Tonal Noise. , 2016, , .		3
159	Rotating Coherent Flow Structures as a Source for Narrowband Tip Clearance Noise from Axial Fan. , 2016, , .		3
160	Numerical investigation of combustion noise: The Entropy Wave Generator. , 2016, , .		4
161	Analytical models based on a mode-matching technique for turbulence impingement noise on axial-flow outlet guide vanes. , 2016, , .		2
162	Turbofan broadband noise predictions using a 3-D ZDES rotor blade approach. , 2016, , .		3

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163	Assessment of the Indirect Combustion Noise Generated in a Transonic High-Pressure Turbine Stage. <i>Journal of Engineering for Gas Turbines and Power</i> , 2016, 138, .	0.5	23
164	Combining LES of combustion chamber and an actuator disk theory to predict combustion noise in a helicopter engine. <i>Combustion and Flame</i> , 2016, 165, 272-287.	2.8	37
165	A numerical and experimental test-bed for low-speed fans. <i>Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy</i> , 2016, 230, 456-466.	0.8	3
166	Three-dimensional transient heat transfer and airflow in an indoor ice rink with radiant heat sources. <i>Building Simulation</i> , 2016, 9, 175-182.	3.0	11
167	Noise mechanisms in a transonic high-pressure turbine stage. <i>International Journal of Aeroacoustics</i> , 2016, 15, 144-161.	0.8	17
168	Synthesis and evaluation of the cytotoxic activity of novel ethyl 4-[4-(4-substitutedpiperidin-1-yl)]benzyl-phenylpyrrolo[1,2-a]quinoxaline-carboxylate derivatives in myeloid and lymphoid leukemia cell lines. <i>European Journal of Medicinal Chemistry</i> , 2016, 113, 214-227.	2.6	37
169	Prediction of tonal ducted fan noise. <i>Journal of Sound and Vibration</i> , 2016, 372, 105-132.	2.1	35
170	A high-order sensitivity method for multi-element high-lift device optimization. <i>Computers and Fluids</i> , 2016, 124, 105-116.	1.3	11
171	On sound scattering by rigid edges and wedges in a flow, with applications to high-lift device aeroacoustics. <i>Journal of Sound and Vibration</i> , 2016, 362, 252-275.	2.1	27
172	Numerical Study of the Installed Controlled Diffusion Airfoil at Transitional Reynolds Number. , 2016, , 505-515.		6
173	Design, Synthesis and Antimalarial Activity of Some New Aminoalcoholpyrrolo[1,2-a]quinoxaline Derivatives. <i>Letters in Drug Design and Discovery</i> , 2016, 13, 932-942.	0.4	7
174	Uncertainty Quantification of Thermoacoustic Instabilities in a Swirled Stabilized Combustor. , 2015, , .		13
175	Aeroacoustic Analysis of a Low-Subsonic Axial Fan. , 2015, , .		12
176	Spectral recycling strategies for the solution of nonlinear eigenproblems in thermoacoustics. <i>Numerical Linear Algebra With Applications</i> , 2015, 22, 1039-1058.	0.9	4
177	Tonal noise prediction and validation on the ANCF rotor-stator configuration. <i>Noise Control Engineering Journal</i> , 2015, 63, 552-562.	0.2	16
178	Subsonic Jet Noise Simulations Using Both Structured and Unstructured Grids. <i>AIAA Journal</i> , 2015, 53, 55-69.	1.5	52
179	Uncertainty Quantification for the Trailing-Edge Noise of a Controlled-Diffusion Airfoil. <i>AIAA Journal</i> , 2015, 53, 42-54.	1.5	29
180	Extension of a Fan Tonal Noise Cascade Model for Camber Effects. <i>AIAA Journal</i> , 2015, 53, 863-876.	1.5	14

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181	Noise Source Analysis of a Rodâ€™ Airfoil Configuration Using Unstructured Large-Eddy Simulation. AIAA Journal, 2015, 53, 1062-1077.	1.5	57
182	Detailed experimental investigation of the aeroacoustic field around a Controlled-Diffusion airfoil. , 2015, , .		20
183	Experimental Validation of a Semi-Analytical Trailing-Edge Noise Model Including Broadband Scattering. , 2015, , .		5
184	Towards Cascade Trailing-Edge Noise Modeling Using a Mode-Matching Technique. , 2015, , .		4
185	On a mode-matching technique for sound generation and transmission in a linear cascade of outlet guide vanes. , 2015, , .		10
186	Numerical investigation of combustion noise generation in a full annular combustion chamber. , 2015, , .		7
187	A 3D analytical approach for Open rotor Blade Vortex Interaction(BVI) tonal noise. , 2015, , .		1
188	Aeroacoustic Simulations of a Simplified High-Lift Device Accounting for Installations Effects. , 2015, , .		4
189	Design of multi-modal obstruction to control tonal fan noise using modulation principles. Journal of Sound and Vibration, 2015, 356, 34-47.	2.1	7
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