Christophe Bailly

List of Publications by Year
in descending order

172 papers	7,601 citations	76326 40 h-index	56724 83 g-index
174 all docs	174 docs citations	174 times ranked	2940 citing authors

#	Article	IF	Citations
1	Active oxygen species and antioxidants in seed biology. Seed Science Research, 2004, 14, 93-107.	1.7	858
2	A family of low dispersive and low dissipative explicit schemes for flow and noise computations. Journal of Computational Physics, 2004, 194, 194-214.	3.8	764
3	Noise Investigation of a High Subsonic, Moderate Reynolds Number Jet Using a Compressible Large Eddy Simulation. Theoretical and Computational Fluid Dynamics, 2003, 16, 273-297.	2.2	320
4	A shock-capturing methodology based on adaptative spatial filtering for high-order non-linear computations. Journal of Computational Physics, 2009, 228, 1447-1465.	3.8	285
5	Stochastic approach to noise modeling for free turbulent flows. AIAA Journal, 1994, 32, 455-463.	2.6	266
6	Influence of nozzle-exit boundary-layer conditions on the flow and acoustic fields of initially laminar jets. Journal of Fluid Mechanics, 2010, 663, 507-538.	3.4	227
7	High-order, low dispersive and low dissipative explicit schemes for multiple-scale and boundary problems. Journal of Computational Physics, 2007, 224, 637-662.	3.8	208
8	Computation of Flow Noise Using Source Terms in Linearized Euler's Equations. AIAA Journal, 2002, 40, 235-243.	2.6	203
9	Numerical Solution of Acoustic Propagation Problems Using Linearized Euler Equations. AIAA Journal, 2000, 38, 22-29.	2.6	186
10	Large eddy simulations of transitional round jets: Influence of the Reynolds number on flow development and energy dissipation. Physics of Fluids, 2006, 18, 065101.	4.0	176
11	Low-dissipation and low-dispersion fourth-order Rungeâ€“Kutta algorithm. Computers and Fluids, 2006, 35, 1459-1463.	2.5	172
12	Effects of Inflow Conditions and Forcing on Subsonic Jet Flows and Noise.. AIAA Journal, 2005, 43, 1000-1007.	2.6	153
13	Turbulence and energy budget in a self-preserving round jet: direct evaluation using large eddy simulation. Journal of Fluid Mechanics, 2009, 627, 129-160.	3.4	151
14	Large-eddy simulation of the flow and acoustic fields of a Reynolds number 105 subsonic jet with tripped exit boundary layers. Physics of Fluids, 2011, 23, .	4.0	147
15	Computation of a high Reynolds number jet and its radiated noise using large eddy simulation based on explicit filtering. Computers and Fluids, 2006, 35, 1344-1358.	2.5	139
16	Influence of initial turbulence level on the flow and sound fields of a subsonic jet at a diameter-based Reynolds number of 10⁵. Journal of Fluid Mechanics, 2012, 701, 352-385.	3.4	139
17	Direct computation of the noise radiated by a subsonic cavity flow and application of integral methods. Journal of Sound and Vibration, 2003, 266, 119-146.	3.9	137
18	Large eddy simulations of round free jets using explicit filtering with/without dynamic Smagorinsky model. International Journal of Heat and Fluid Flow, 2006, 27, 603-610.	2.4	106

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19	Numerical study of screech generation in a planar supersonic jet. Physics of Fluids, 2007, 19, .	4.0	105
20	Measured wavenumber: Frequency spectrum associated with acoustic and aerodynamic wall pressure fluctuations. Journal of the Acoustical Society of America, 2010, 128, 1647-1655.	1.1	99
21	High-speed jet noise. Mechanical Engineering Reviews, 2016, 3, 15-00496-15-00496.	4.7	96
22	Flow-induced cylinder noise formulated as a diffraction problem for low Mach numbers. Journal of Sound and Vibration, 2005, 287, 129-151.	3.9	91
23	Numerical Simulation of Sound Generated by Vortex Pairing in a Mixing Layer. AIAA Journal, 2000, 38, 2210-2218.	2.6	90
24	Lattice Boltzmann method with selective viscosity filter. Journal of Computational Physics, 2009, 228, 4478-4490.	3.8	88
25	Space-Time Correlations in Two Subsonic Jets Using Dual Particle Image Velocimetry Measurements. AIAA Journal, 2008, 46, 2498-2509.	2.6	86
26	Investigation of downstream and sideline subsonic jet noise using Large Eddy Simulation. Theoretical and Computational Fluid Dynamics, 2006, 20, 23-40.	2.2	84
27	A stochastic approach to compute subsonic noise using linearized Euler's equations. , 1999, , .		82
28	Experimental Study of the Spectral Properties of Near-Field and Far-Field Jet Noise. International Journal of Aeroacoustics, 2007, 6, 73-92.	1.3	82
29	Finite differences for coarse azimuthal discretization and for reduction of effective resolution near origin of cylindrical flow equations. Journal of Computational Physics, 2011, 230, 1134-1146.	3.8	80
30	Broadband Shock-Associated Noise in Screeching and Non-Screeching Underexpanded Supersonic Jets. AIAA Journal, 2013, 51, 665-673.	2.6	77
31	Direct Noise Computation of the Turbulent Flow Around a Zero-Incidence Airfoil. AIAA Journal, 2008, 46, 874-883.	2.6	76
32	Simulation of a hot coaxial jet: Direct noise prediction and flow-acoustics correlations. Physics of Fluids, 2009, 21, .	4.0	67
33	Decrease of the Effective Reynolds Number with Eddy-Viscosity Subgrid Modeling. AIAA Journal, 2005, 43, 437-439.	2.6	62
34	Application of a Î²â€Ì‚Ì‡ turbulence model to the prediction of noise for simple and coaxial free jets. Journal of the Acoustical Society of America, 1995, 97, 3518-3531.	1.1	60
35	Subsonic and Supersonic Jet Noise Predictions from Statistical Source Models. AIAA Journal, 1997, 35, 1688-1696.	2.6	58
36	Experimental characterisation of the screech feedback loop in underexpanded round jets. Journal of Fluid Mechanics, 2017, 824, 202-229.	3.4	58

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37	Investigation of a High-Mach-Number Overexpanded Jet Using Large-Eddy Simulation. AIAA Journal, 2011, 49, 2171-2182.	2.6	56
38	Contributions of Computational Aeroacoustics to Jet Noise Research and Prediction. International Journal of Computational Fluid Dynamics, 2004, 18, 481-491.	1.2	55
39	PREDICTION OF SUPERSONIC JET NOISE FROM A STATISTICAL ACOUSTIC MODEL AND A COMPRESSIBLE TURBULENCE CLOSURE. Journal of Sound and Vibration, 1996, 194, 219-242.	3.9	49
40	Effects of moderate Reynolds numbers on subsonic round jets with highly disturbed nozzle-exit boundary layers. Physics of Fluids, 2012, 24, .	4.0	48
41	Broadband liner impedance eduction for multimodal acoustic propagation in the presence of a mean flow. Journal of Sound and Vibration, 2017, 392, 200-216.	3.9	45
42	Direct Computation of the Noise Generated by Subsonic Jets Originating from a Straight Pipe Nozzle. International Journal of Aeroacoustics, 2008, 7, 1-21.	1.3	42
43	An experimental characterisation of wall pressure wavevector-frequency spectra in the presence of pressure gradients. , 2014, , .		42
44	Computation of the sound radiated by a 3-D jet using large eddy simulation. , 2000, , .		41
45	HIGH-ORDER CURVILINEAR SIMULATIONS OF FLOWS AROUND NON-CARTESIAN BODIES. Journal of Computational Acoustics, 2005, 13, 731-748.	1.0	37
46	Investigation of the PSE Approach for Subsonic and Supersonic Hot Jets. Detailed Comparisons with LES and Linearized Euler Equations Results. International Journal of Aeroacoustics, 2006, 5, 361-393.	1.3	37
47	Progress in Direct Noise Computation. International Journal of Aeroacoustics, 2010, 9, 123-143.	1.3	35
48	Filter shape dependence and effective scale separation in large-eddy simulations based on relaxation filtering. Computers and Fluids, 2011, 47, 65-74.	2.5	35
49	Investigation of the mixing layer of underexpanded supersonic jets by particle image velocimetry. International Journal of Heat and Fluid Flow, 2014, 50, 188-200.	2.4	35
50	A high-order finite-difference algorithm for direct computation of aerodynamic sound. Computers and Fluids, 2012, 61, 46-63.	2.5	32
51	Experimental exploration of underexpanded supersonic jets. Shock Waves, 2014, 24, 21-32.	1.9	32
52	A study of infrasound propagation based on high-order finite difference solutions of the Navier-Stokes equations. Journal of the Acoustical Society of America, 2014, 135, 1083-1095.	1.1	31
53	Modelling of Sound Generation by Turbulent Reacting Flows. International Journal of Aeroacoustics, 2010, 9, 461-489.	1.3	29
54	Reliable reduced-order models for time-dependent linearized Euler equations. Journal of Computational Physics, 2012, 231, 5176-5194.	3.8	28

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55	Accurate simulation of the noise generated by a hot supersonic jet including turbulence tripping and nonlinear acoustic propagation. Physics of Fluids, 2019, 31, .	4.0	27
56	Experimental study of flight effects on screech in underexpanded jets. Physics of Fluids, 2011, 23, .	4.0	26
57	Investigation of flow features and acoustic radiation of a round cavity. Journal of Sound and Vibration, 2012, 331, 3521-3543.	3.9	25
58	Investigation of Subsonic Jet Noise Using LES: Mach and Reynolds Number Effects. , 2004, , .		24
59	Aerodynamic Noise Induced by Laminar and Turbulent Boundary Layers over Rectangular Cavities. , 2002, , .		23
60	On the spectra of nozzle-exit velocity disturbances in initially nominally turbulent, transitional jets. Physics of Fluids, 2011, 23, 091702.	4.0	23
61	Numerical study of self-induced transonic flow oscillations behind a sudden duct enlargement. Physics of Fluids, 2009, 21, .	4.0	22
62	Large Eddy Simulation of Screech Tone Generation in a Planar Underexpanded Jet. , 2006, , .		21
63	On the application of explicit spatial filtering to the variables or fluxes of linear equations. Journal of Computational Physics, 2007, 225, 1211-1217.	3.8	21
64	Shock-Tracking Procedure for Studying Screech-Induced Oscillations. AIAA Journal, 2011, 49, 1563-1566.	2.6	20
65	Computation of flow noise using source terms in linearized Euler's equations. , 2000, , .		19
66	Numerical Simulation of Unsteady Cavity Flow Using Lattice Boltzmann Method. , 2002, , .		19
67	Illustration of the Inclusion of Sound-Flow Interactions in Lighthill's Equation. AIAA Journal, 2003, 41, 1604-1606.	2.6	17
68	Investigation of sound sources in subsonic jets using causality methods on LES data. , 2005, , .		17
69	LES of a High Reynolds, High Subsonic Jet: Effects of the Subgrid Modellings on Flow and Noise. , 2003, , .		16
70	Some useful hybrid approaches for predicting aerodynamic noise. Comptes Rendus - Mecanique, 2005, 333, 666-675.	2.1	16
71	Computation of the Noise Radiated by Jets with Laminar/Turbulent Nozzle-Exit Conditions. , 2006, , .		16
72	Numerical Insight into Sound Sources of a Rod-Airfoil Flow Configuration Using Direct Noise Calculation. , 2010, , .		16

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73	Shock Oscillations in a Supersonic Jet Exhibiting Antisymmetrical Screech. AIAA Journal, 2012, 50, 2017-2020.	2.6	16
74	A computational study of the effects of nozzle-exit turbulence level on the flow and acoustic fields of a subsonic jet. , 2011, , .		14
75	Numerical Study of Solid-Rocket Motor Ignition Overpressure Wave Including Infrared Radiation. Journal of Propulsion and Power, 2014, 30, 164-174.	2.2	14
76	Density Fluctuations Measurement by Rayleigh Scattering Using a Single Photomultiplier. AIAA Journal, 2018, 56, 1310-1316.	2.6	13
77	A study of differentiation errors in large-eddy simulations based on the EDQNM theory. Journal of Computational Physics, 2008, 227, 8314-8340.	3.8	12
78	Effect of a tab on the aerodynamical development and noise of an underexpanded supersonic jet. Comptes Rendus - Mecanique, 2013, 341, 659-666.	2.1	12
79	Optimized Explicit Schemes: Matching and Boundary Schemes, and 4th-order Runge-Kutta Algorithm. , 2004, , .		11
80	Direct Noise Computation around a 3-D NACA 0012 airfoil. , 2006, , .		11
81	Investigation of flow features around shallow round cavities subject to subsonic grazing flow. Physics of Fluids, 2012, 24, .	4.0	11
82	Computation of the noise radiated by a subsonic cavity using direct simulation and acoustic analogy. , 2001, , .		10
83	Matched Hybrid Approaches to Predict Jet Noise by Using Large Eddy Simulation. , 2009, , .		10
84	Sound propagation using an adjoint-based method. Journal of Fluid Mechanics, 2020, 900, .	3.4	10
85	Investigation of flow features and acoustic radiation of a round cavity.. , 2008, , .		9
86	Turbulence Generation from a Sweeping-Based Stochastic Model. AIAA Journal, 2014, 52, 281-292.	2.6	9
87	Characterization of absorption and non-linear effects in infrasound propagation using an augmented Burgersâ€™ equation. Geophysical Journal International, 2016, 207, 1432-1445.	2.4	9
88	Deconvolution of Wave-Number-Frequency Spectra of Wall Pressure Fluctuations. AIAA Journal, 2020, 58, 164-173.	2.6	9
89	A Correlative Study of Sunflower Seed Vigor Components as Related to Genetic Background. Plants, 2020, 9, 386.	3.5	9
90	The Histone Chaperone HIRA Is a Positive Regulator of Seed Germination. International Journal of Molecular Sciences, 2021, 22, 4031.	4.1	9

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91	Experimental Study of the Properties of Near-Field and Far-Field Jet Noise. , 2006, , .		8
92	Computation of Aeroacoustic Phenomena in Subsonic and Transonic Ducted Flows. , 2007, , .		8
93	Development of Noncentered Wavenumber-Based Optimized Interpolation Schemes with Amplification Control for Overlapping Grids. SIAM Journal of Scientific Computing, 2010, 32, 2074-2098.	2.8	8
94	Numerical Algorithm for Computing Acoustic and Vortical Spatial Instability Waves. AIAA Journal, 2015, 53, 692-702.	2.6	8
95	Self-Adjusting Shock-Capturing Spatial Filtering for High-Order Non-Linear Computations. , 2008, , .		7
96	Influence of the Nozzle-Exit Boundary-Layer Thickness on the Flow and Acoustic Fields of Initially Laminar Jets. , 2009, , .		7
97	Flow and acoustic fields of Reynolds number 10 5, subsonic jets with tripped exit boundary layers. , 2010, , .		7
98	Statistical Modeling of BBSAN Including Refraction Effects. , 2012, , .		7
99	Spatial structure and wavenumber filtering of wall pressure fluctuations on a full-scale cockpit model. Experiments in Fluids, 2020, 61, 1.	2.4	7
100	Progress in Direct Noise Computation. Noise Notes, 2010, 9, 31-48.	0.1	7
101	A statistical description of supersonic jet mixing noise. , 1997, , .		6
102	Computation of the Noise Generated by Low Mach Number Flows Around a Cylinder and a Wall-mounted Half Cylinder. , 2004, , .		6
103	Noise Radiated by a High-Reynolds-number 3-D Airfoil. , 2005, , .		6
104	Direct Noise Computation of a Shocked and Heated Jet at a Mach Number of 3.30. , 2010, , .		6
105	A study based on the sweeping hypothesis to generate stochastic turbulence. , 2011, , .		6
106	A parametric study of the noise radiated by the flow around multiple bodies: direct noise computation of the influence of the separating distance in rod-airfoil flow configurations. , 2011, , .		6
107	Semi-Implicit Rungeâ€“Kutta Schemes: Development and Application to Compressible Channel Flow. AIAA Journal, 2014, 52, 516-527.	2.6	6
108	An experimental investigation of wall pressure fluctuations beneath pressure gradients. , 2015, , .		6

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109	Assessment of a Two-Way Coupling Methodology Between a Flow and a High-Order Nonlinear Acoustic Unstructured Solvers. Flow, Turbulence and Combustion, 2018, 101, 681-703.	2.6	6
110	A Study of the Influence of the Reynolds Number on Jet Self-Similarity Using Large-Eddy Simulation. ERCOFTAC Series, 2010, , 11-16.	0.1	6
111	Numerical solution of acoustic propagation problems using linearized Euler's equations. , 1998, , .		5
112	Downstream subsonic jet noise: link with vortical structures intruding into the jet core. Comptes Rendus - Mecanique, 2002, 330, 527-533.	2.1	5
113	Shear-layer acoustic radiation in an excited subsonic jet: experimental study. Comptes Rendus - Mecanique, 2005, 333, 746-753.	2.1	5
114	Direct Computation of the Noise Generated by a Hot Coaxial Jet. , 2007, , .		5
115	Numerical investigation of the noise generated by a rocket engine at lift-off conditions using a two-way coupled CFD-CAA method. , 2017, , .		5
116	A new MEMS microphone array for the wavenumber analysis of wall-pressure fluctuations: application to the modal investigation of a ducted low-Mach number stage. , 2019, , .		5
117	Numerical Simulation of Supersonic Jet Noise. Notes on Numerical Fluid Mechanics and Multidisciplinary Design, 2009, , 29-46.	0.3	5
118	High-order Curvilinear Simulations of Flows Around Non-Cartesian Bodies. , 2004, , .		4
119	Direct simulation of isolated elliptic vortices and of their radiated noise. Theoretical and Computational Fluid Dynamics, 2008, 22, 65-82.	2.2	4
120	Experimental Study of Flight Effects on Slightly Underexpanded Supersonic Jets. AIAA Journal, 2017, 55, 57-67.	2.6	4
121	Aeroacoustic wave equation based on Pierce's operator applied to the sound generated by a mixing layer. , 2022, , .		4
122	Calcul direct du rayonnement acoustique d'une couche de mÃ©lange par macrosimulation. Comptes Rendus De L'Academie De Sciences - Serie IIb: Mecanique, Physique, Chimie, Astronomie, 1999, 327, 1029-1034.	0.1	3
123	ModÃ©lisation du rayonnement acoustique de jets coaxiaux supersoniques. Comptes Rendus Mecanique, 2001, 329, 497-502.	0.2	3
124	Shear-layer acoustic radiation in an excited subsonic jet: models for vortex pairing and superdirective noise. Comptes Rendus - Mecanique, 2005, 333, 754-761.	2.1	3
125	A High-Order Algorithm for Compressible LES in CAA Applications. , 2008, , .		3
126	On the importance of specifying appropriate nozzle-exit conditions in jet noise prediction. Procedia Engineering, 2010, 6, 38-43.	1.2	3

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127	Effects of initial shear-layer thickness on turbulent subsonic jets at moderate Reynolds numbers. , 2012, , .		3
128	Depth effects on the flow features and noise signature of shallow cylindrical cavities at a Mach number of 0.25. , 2012, , .		3
129	A schlieren and nearfield acoustic based experimental investigation of screech noise sources. , 2016, , .		3
130	Experimental investigation of the turbulent density â€“ Far-field sound correlations in compressible jets. International Journal of Aeroacoustics, 2018, 17, 521-540.	1.3	3
131	Direct noise computation of adaptive control applied to aÂcavity flow. Comptes Rendus - Mecanique, 2003, 331, 423-429.	2.1	2
132	Numerical Study of Aeroacoustic Oscillations in Transonic Flow Downstream a Sudden Duct Enlargement. , 2006, , .		2
133	Numerical Investigation of Flow Features and Acoustic Radiation of a Round Cavity. , 2010, , .		2
134	Flow and sound fields of initially tripped jets at Reynolds numbers ranging from 25,000 to 200,000. , 2012, , .		2
135	Prediction of subsonic jet noise relying on a sweeping based turbulence generation process. , 2012, , .		2
136	Experimental study of flight effects on slightly underexpanded supersonic jets. , 2013, , .		2
137	Numerical study on the relation between hydrodynamic fluctuations and noise in hot jets at high Reynolds number. , 2016, , .		2
138	Broadband eduction of liner impedance under multimodal acoustic propagation. , 2016, , .		2
139	Experimental study of the coherent vorticity in slightly under-expanded supersonic screeching jets. International Journal of Aeroacoustics, 2019, 18, 207-230.	1.3	2
140	Temperature effects on the noise source mechanisms in a realistic subsonic dual-stream jet. Computers and Fluids, 2020, 213, 104720.	2.5	2
141	Analysis of Numerical Error Reduction in Explicitly Filtered LES Using Two-Point Turbulence Closure. ERCOFTAC Series, 2008, , 143-154.	0.1	2
142	Are Methionine Sulfoxide-Containing Proteins Related to Seed Longevity? A Case Study of Arabidopsis thaliana Dry Mature Seeds Using Cyanogen Bromide Attack and Two-Dimensional-Diagonal Electrophoresis. Plants, 2022, 11, 569.	3.5	2
143	Numerical Assessment of Turbulence-Cascade Noise Reduction and Aerodynamic Penalties from Serrations. AIAA Journal, 2022, 60, 3603-3619.	2.6	2
144	Application de mÃ©thodes intÃ©grales au calcul du bruit de cavitÃ©. Comptes Rendus - Mecanique, 2002, 330, 13-20.	2.1	1

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145	Influence of resolution and Reynolds number on large-eddy simulations of channel flow using relaxation filtering. , 2013, , .		1
146	High frequency temperature fluctuation measurements by Rayleigh scattering and constant-voltage cold-wire techniques. Experiments in Fluids, 2019, 60, 1.	2.4	1
147	Opening Lecturesâ€"Wall-Pressure Wavenumber-Frequency Spectra: Experimental Challenges and Recent Advances. , 2021, , 1-23.		1
148	Solution of Pierceâ€™s equation for Tam & Auriault's mixing noise model. , 2021, , .		1
149	Influence of Reynolds number and grid resolution on large-eddy simulations of self-similar jets based on relaxation filtering. ERCOFTAC Series, 2011, , 319-328.	0.1	1
150	Direct Computation of Infrasound Propagation in Inhomogeneous Atmosphere Using a Low-Dispersion and Low-Dissipation Algorithm. , 2009, , 113-118.		1
151	Wall Pressure Spectra and Convection: Two-Dimensional Analysis Under Mean Pressure Gradients. AIAA Journal, 0, , 1-17.	2.6	1
152	Dynamics of Protein Phosphorylation during Arabidopsis Seed Germination. International Journal of Molecular Sciences, 2022, 23, 7059.	4.1	1
153	Construction d'un opÃ©rateur de propagation Ã partir des Ã©quations d'Euler linÃ©arisÃ©es. Comptes Rendus De L'Academie De Sciences - Serie IIb: Mecanique, Physique, Chimie, Astronomie, 1998, 326, 741-746.	0.1	0
154	Superdirective Acoustic Radiation by Vortex Pairing in Subsonic Excited Jets. , 2006, , .		0
155	Reprint of: On the importance of specifying appropriate nozzle-exit conditions in jet noise prediction. Procedia IUTAM, 2010, 1, 38-43.	1.2	0
156	Feasibility of Large-Eddy Simulation on Angular Sector to Evaluate Chevron Effects on Jet Noise. , 2010, , .		0
157	Investigation of high supersonic jet noise: non-linear propagation effects and flow-acoustics correlations. , 2011, , .		0
158	A further step towards grid-converged solutions for an initially nominally turbulent jet. , 2011, , .		0
159	Numerical and experimental analysis of flow-acoustic interactions in an industrial gate valve. , 2013, , .		0
160	Acoustic Resonance of a Steam Line Gate Valve. , 2013, , .		0
161	Experimental and Numerical 3D Study of Flow-Sound Interaction in a Steam-Line Gate Valve. , 2013, , .		0
162	High-order Variational Multiscale model with an explicit filtering in a stabilised finite element method for LES/DES computations. , 2016, , .		0

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163	Deconvolution of the wave number - frequency spectra of wall pressure fluctuations. , 2018, , .		0
164	Prediction of Fine-scale Jet Mixing Noise Using Geometrical Acoustics. , 2019, , .		0
165	3D CAA methodology using synthetic turbulence to assess turbulence-cascade interaction noise emission and reduction from serrated airfoils. , 2021, , .		0
166	Assessment of Dissipation in LES Based on Explicit Filtering from the Computation of Kinetic Energy Budget. ERCOFTAC Series, 2008, , 81-92.	0.1	0
167	A Dynamic Spatial Filtering Procedure for Shock Capturing in High-Order Computations. , 2009, , 417-422.		0
168	Development of semi-implicit Runge-Kutta schemes and application to a turbulent channel flow. , 2012, , .		0
169	Turbulence and energy balance in an axisymmetric jet computed by Large Eddy Simulation. , 2007, , 316-318.		0
170	Physiological and Environmental Regulation of Seed Germination: From Signaling Events to Molecular Responses. International Journal of Molecular Sciences, 2022, 23, 4839.	4.1	0
171	Interferometric Rayleigh Scattering for flow analysis : Fabry-PÃ©rot interferogram analysis. , 2022, , .		0
172	Comprehensive acoustic modelling of the installation effects of a subsonic jet beneath a flat plate. , 2022, , .		0