

Julien christophe

List of Publications by Year in descending order

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39
papers

239
citations

1684188

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1872680

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124
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical investigation of the noise radiated by an H-Darrieus wind turbine at different tip speed ratios. , 2022, , .		1
2	Numerical Parametric Investigation of Aeroacoustic Installation Effects in a Distributed Electric Propulsion System. , 2022, , .		2
3	Multi-ports eduction of installation effects in a tangential fan. , 2021, , .		0
4	Measurement and modelling of aero-acoustic installation effects in tractor and pusher propeller architectures. , 2021, , .		4
5	Numerical investigation of the effect of inflow non-uniformity on the noise radiated by a vertical axis wind turbine. , 2021, , .		1
6	Influence of Swept Blades on Low-Order Acoustic Prediction for Axial Fans. Acoustics, 2020, 2, 812-832.	1.4	11
7	Experimental Analysis of the Sound Radiated by an Automotive Cooling Module Working at Different Operational Conditions. , 2020, , .		1
8	Low-Order Aeroacoustic Prediction of Low-Speed Axial Fan Noise. , 2019, , .		4
9	Correction: Low-Order Aeroacoustic Prediction of Low-Speed Axial Fan Noise. , 2019, , .		0
10	Diagnostics for laser cutting efficiency using computational fluid dynamics. Procedia Manufacturing, 2019, 29, 375-382.	1.9	1
11	RANS-based trailing-edge noise prediction using Amiets theory: accuracy and mesh sensitivity of semi-empirical and integral wall pressure models. , 2018, , .		0
12	An experimental multi-ports methodology for fan acoustic installation effects. , 2018, , .		0
13	Hybrid Methods for the Prediction of the Noise Radiated by a Mach 0.5 Ducted Orifice Flow. , 2018, , .		1
14	Investigations on Analytic Models of Broadband Wake-Blade Interaction Noise. , 2018, , .		2
15	Multi-disciplinary optimization of a contra-rotating fan. International Journal of Aeroacoustics, 2018, 17, 655-686.	1.3	11
16	Innovative noise control in ducts. , 2017, , .		2
17	Fan noise predictions using scale-resolved, statistical, stochastic and semi-analytical models. , 2017, , .		0
18	Application of different simulation strategies to a butterfly valve for both Passive and Active acoustics behavior. , 2017, , .		0

#	ARTICLE	IF	CITATIONS
19	A Rapid Distortion Theory modified turbulence spectra for semi-analytical airfoil noise prediction. Journal of Sound and Vibration, 2016, 383, 349-363.	3.9	43
20	Experimental Validation of Ducted Low-Speed Cooling Fan Noise Prediction Methods Including Broadband Scattering. , 2016, , .		0
21	Effect of Inlet Distortions on Ducted Fan Noise. , 2016, , .		9
22	Aerodynamics and Aeroacoustics Study of the Flow Around an Automotive Fan Airfoil. International Journal of Aeroacoustics, 2015, 14, 1049-1070.	1.3	5
23	Experimental Validation of a Semi-Analytical Trailing-Edge Noise Model Including Broadband Scattering. , 2015, , .		5
24	Prediction of low-speed fan trailing-edge noise based on RANS and on scale resolved simulations. , 2015, , .		0
25	Influence of the noise prediction model on the aeroacoustic optimization of a contra-rotating fan. , 2014, , .		6
26	Uncertainty quantification of low-speed fan noise. , 2013, , .		2
27	Tonal and Broadband sound prediction of a locomotive cooling unit. , 2013, , .		3
28	Broadband Scattering of the Turbulence-Interaction Noise of a Stationary Airfoil: Experimental Validation of a Semi-Analytical Model. International Journal of Aeroacoustics, 2013, 12, 83-102.	1.3	11
29	Effect of span and compressibility on the noise prediction of a Katana blade. , 2012, , .		2
30	Uncertainty quantification for the trailing-edge noise of a Controlled-Diffusion airfoil. , 2011, , .		4
31	A Semi-Analytical Approach on the Turbulence Interaction Noise of A Low-Speed Axial Fan Including Broadband Scattering. , 2011, , .		1
32	Predictions of acoustic sources and self-noise of a Katana blade at Zero and high incidence. , 2011, , .		1
33	Experimental and Numerical Unsteady Acoustic Sources and Self-noise of a Katana Blade. , 2010, , .		1
34	An Extension of Amiet's Theory for Spanwise-Varying Incident Turbulence Noise and Broadband Scattering Using BEM. , 2010, , .		5
35	Computation of Wall Pressure Spectra from Steady Flow Data for Noise Prediction. , 2010, , .		2
36	Trailing Edge Noise of a Controlled-Diffusion Airfoil at Moderate and High Angle of Attack. , 2009, , .		39

#	ARTICLE	IF	CITATIONS
37	Flow Features and Self-Noise of Airfoils Near Stall or in Stall. , 2009, , .		46
38	Numerical Issues in the Application of an Amiet Model for Spanwise-Varying Incoming Turbulence. , 2008, , .		6
39	Prediction of Incoming Turbulent Noise Using a Combined Numerical/Semi-Empirical Method and Experimental Validation. , 2007, , .		7