

Aurelien Borgoltz

List of Publications by Year in descending order

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Version: 2024-02-01

16
papers

255
citations

1937685

4
h-index

1872680

6
g-index

16
all docs

16
docs citations

16
times ranked

113
citing authors

#	ARTICLE	IF	CITATIONS
1	Anomaly Detection in Wind Tunnel Experiments by Principal Component Analysis. AIAA Journal, 2022, 60, 2297-2307.	2.6	1
2	The BeVERLI Hill three-dimensional separating flow case: cross-facility comparisons of validation experiment results. , 2022, , .		6
3	Investigating the Aeroacoustic Properties of Porous Fabrics. AIAA Journal, 2022, 60, 3651-3660.	2.6	1
4	Cross validation of the aerodynamic and acoustic measurements in two Kevlar-walled wind tunnels. Journal of Physics: Conference Series, 2022, 2265, 022103.	0.4	0
5	Design and In-situ Calibration of a Beamforming Array for High-frequency Noise Measurements in a Hybrid-Anechoic Wind Tunnel. , 2022, , .		0
6	Aerodynamic Design and Assessment of Modular Test Section Walls for CFD Validation in Hybrid Anechoic Wind Tunnels. , 2020, , .		12
7	Laser Displacement Sensors for Wind Tunnel Model Position Measurements. Sensors, 2018, 18, 4085.	3.8	7
8	Sensitivity of wind turbine airfoil sections to geometry variations inherent in modular blades. Wind Engineering, 2018, 42, 529-546.	1.9	0
9	Infrared thermography for detection of laminar-turbulent transition in low-speed wind tunnel testing. Experiments in Fluids, 2016, 57, 1.	2.4	37
10	Wind Tunnel Testing of Airfoils for Wind Turbine Applications. Wind Engineering, 2015, 39, 651-660.	1.9	4
11	Sensitivity of Wind Turbine Airfoil Sections to Geometry Variations Inherent in Modular Blades. , 2015, , .		1
12	Towards Interference Corrections for Three-Dimensional Models in Kevlar-Walled Anechoic Test Sections. , 2014, , .		6
13	Exploiting the Characteristics of Kevlar-Wall Wind Tunnels for Conventional Aerodynamic Measurements. , 2014, , .		5
14	The Kevlar-walled anechoic wind tunnel. Journal of Sound and Vibration, 2013, 332, 3971-3991.	3.9	152
15	Aerodynamic and Acoustic Corrections for A Kevlar-Walled Anechoic Wind Tunnel. , 2010, , .		23
16	Fluid-Structure Interaction Modeling of Flowfields Within Kevlar-Walled Wind Tunnels. Journal of Aircraft, 0, , 1-14.	2.4	0