

# Aurelien Borgoltz

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/11162744/publications.pdf>

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