

# Christoph Brandstetter

## List of Publications by Year in descending order

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Version: 2024-02-01

23  
papers

227  
citations

1163117

8  
h-index

1058476

14  
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24  
all docs

24  
docs citations

24  
times ranked

59  
citing authors

#	ARTICLE	IF	CITATIONS
1	Suppression of Nonsynchronous Vibration Through Intentional Aerodynamic and Structural Mistuning. <i>Journal of Turbomachinery</i> , 2022, 144, .	1.7	1
2	Trapped Acoustic Modes in an Axial Multi-Stage Compressor Leading to Non-Synchronous Blade Vibrations. <i>International Journal of Turbomachinery, Propulsion and Power</i> , 2022, 7, 6.	1.1	0
3	Interpretation of stall precursor signatures-stable instabilities. <i>E3S Web of Conferences</i> , 2022, 345, 02009.	0.5	0
4	UHBR Open-Test-Case Fan ECL5/CATANA. <i>International Journal of Turbomachinery, Propulsion and Power</i> , 2022, 7, 17.	1.1	6
5	Acoustic Resonance in an Axial Multistage Compressor Leading to Non-Synchronous Blade Vibration. <i>Journal of Turbomachinery</i> , 2021, 143, .	1.7	3
6	Aerodynamic Investigation of a Composite Low-Speed Fan for UHBR Application. <i>Journal of Turbomachinery</i> , 2021, 143, .	1.7	4
7	Interpretation of Stall Precursor Signatures. <i>Journal of Turbomachinery</i> , 2021, 143, .	1.7	8
8	Analysis of a Linear Model for Non-Synchronous Vibrations Near Stall. <i>International Journal of Turbomachinery, Propulsion and Power</i> , 2021, 6, 26.	1.1	5
9	Non-synchronous vibration in axial compressors: Lock-in mechanism and semi-analytical model. <i>Journal of Sound and Vibration</i> , 2020, 488, 115649.	3.9	32
10	Acoustic Resonance in an Axial Multistage Compressor Leading to Non-Synchronous Blade Vibration. , 2020, , .		3
11	Aerodynamic Investigation of a Composite Low-Speed Fan for UHBR Application. , 2020, , .		2
12	Project PHARE-2â€”A High-Speed UHBR Fan Test Facility for a New Open-Test Case. <i>Journal of Turbomachinery</i> , 2019, 141, .	1.7	12
13	Compressible Modal Instability Onset in an Aerodynamically Mistuned Transonic Fan. <i>Journal of Turbomachinery</i> , 2019, 141, .	1.7	19
14	Non-Synchronous Aeroacoustic Interaction in an Axial Multi-Stage Compressor. <i>Journal of Turbomachinery</i> , 2019, 141, .	1.7	10
15	Acoustic and Convective Mechanisms Contributing to Non-Synchronous-Vibrations in a Multistage Compressor. , 2019, , .		4
16	Measurements of Radial Vortices, Spill Forward, and Vortex Breakdown in a Transonic Compressor. <i>Journal of Turbomachinery</i> , 2018, 140, .	1.7	47
17	PIV measurements of the transient flow structure in the tip region of a transonic compressor near stability limit. <i>Journal of the Global Power and Propulsion Society</i> , 2018, 2, JYVUQD.	0.8	5
18	Mechanism of Nonsynchronous Blade Vibration in a Transonic Compressor Rig. <i>Journal of Turbomachinery</i> , 2017, 139, .	1.7	21

#	ARTICLE	IF	CITATIONS
19	Measurements of Radial Vortices, Spill Forward and Vortex Breakdown in a Transonic Compressor. , 2017, , .		11
20	Near Stall Behavior of a Transonic Compressor Rotor With Casing Treatment. , 2016, , .		4
21	Numerical Investigation of Tip Clearance Flow Induced Flutter in an Axial Research Compressor. , 2016, , .		4
22	Unsteady Measurements of Periodic Effects in a Transonic Compressor With Casing Treatments. Journal of Turbomachinery, 2016, 138, .	1.7	19
23	Unsteady Measurements of Periodic Effects in a Transonic Compressor With Casing Treatments. , 2015, , .		3