

Christoph Brandstetter

List of Publications by Year in descending order

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24
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59
citing authors

#	ARTICLE	IF	CITATIONS
1	Measurements of Radial Vortices, Spill Forward, and Vortex Breakdown in a Transonic Compressor. Journal of Turbomachinery, 2018, 140, .	1.7	47
2	Non-synchronous vibration in axial compressors: Lock-in mechanism and semi-analytical model. Journal of Sound and Vibration, 2020, 488, 115649.	3.9	32
3	Mechanism of Nonsynchronous Blade Vibration in a Transonic Compressor Rig. Journal of Turbomachinery, 2017, 139, .	1.7	21
4	Unsteady Measurements of Periodic Effects in a Transonic Compressor With Casing Treatments. Journal of Turbomachinery, 2016, 138, .	1.7	19
5	Compressible Modal Instability Onset in an Aerodynamically Mistuned Transonic Fan. Journal of Turbomachinery, 2019, 141, .	1.7	19
6	Project PHARE-2â€™A High-Speed UHBR Fan Test Facility for a New Open-Test Case. Journal of Turbomachinery, 2019, 141, .	1.7	12
7	Measurements of Radial Vortices, Spill Forward and Vortex Breakdown in a Transonic Compressor. , 2017, , .		11
8	Non-Synchronous Aeroacoustic Interaction in an Axial Multi-Stage Compressor. Journal of Turbomachinery, 2019, 141, .	1.7	10
9	Interpretation of Stall Precursor Signatures. Journal of Turbomachinery, 2021, 143, .	1.7	8
10	UHBR Open-Test-Case Fan ECL5/CATANA. International Journal of Turbomachinery, Propulsion and Power, 2022, 7, 17.	1.1	6
11	Analysis of a Linear Model for Non-Synchronous Vibrations Near Stall. International Journal of Turbomachinery, Propulsion and Power, 2021, 6, 26.	1.1	5
12	PIV measurements of the transient flow structure in the tip region of a transonic compressor near stability limit. Journal of the Global Power and Propulsion Society, 2018, 2, JYVUQD.	0.8	5
13	Near Stall Behavior of a Transonic Compressor Rotor With Casing Treatment. , 2016, , .		4
14	Numerical Investigation of Tip Clearance Flow Induced Flutter in an Axial Research Compressor. , 2016, , .		4
15	Aerodynamic Investigation of a Composite Low-Speed Fan for UHBR Application. Journal of Turbomachinery, 2021, 143, .	1.7	4
16	Acoustic and Convective Mechanisms Contributing to Non-Synchronous-Vibrations in a Multistage Compressor. , 2019, , .		4
17	Unsteady Measurements of Periodic Effects in a Transonic Compressor With Casing Treatments. , 2015, , .		3
18	Acoustic Resonance in an Axial Multistage Compressor Leading to Non-Synchronous Blade Vibration. Journal of Turbomachinery, 2021, 143, .	1.7	3

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19	Acoustic Resonance in an Axial Multistage Compressor Leading to Non-Synchronous Blade Vibration. , 2020, , .		3
20	Aerodynamic Investigation of a Composite Low-Speed Fan for UHBR Application. , 2020, , .		2
21	Suppression of Nonsynchronous Vibration Through Intentional Aerodynamic and Structural Mistuning. Journal of Turbomachinery, 2022, 144, .	1.7	1
22	Trapped Acoustic Modes in an Axial Multi-Stage Compressor Leading to Non-Synchronous Blade Vibrations. International Journal of Turbomachinery, Propulsion and Power, 2022, 7, 6.	1.1	0
23	Interpretation of stall precursor signatures-stable instabilities. E3S Web of Conferences, 2022, 345, 02009.	0.5	0