

Nicolas Binder

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

110
citations

1684188

5
h-index

1372567

10
g-index

15
all docs

15
docs citations

15
times ranked

73
citing authors

#	ARTICLE	IF	CITATIONS
1	Analysis of the Unsteady Flow Field in a Centrifugal Compressor from Peak Efficiency to Near Stall with Full-Annulus Simulations. International Journal of Rotating Machinery, 2014, 2014, 1-11.	0.8	22
2	Theoretical Analysis of the Aerodynamics of Low-Speed Fans in Free and Load-Controlled Windmilling Operation. Journal of Turbomachinery, 2015, 137, .	1.7	21
3	Body Force Modeling of the Aerodynamics of a Low-Speed Fan under Distorted Inflow â€. International Journal of Turbomachinery, Propulsion and Power, 2019, 4, 29.	1.1	17
4	Experimental and Numerical Flow Analysis of Low-Speed Fans at Highly Loaded Windmilling Conditions. Journal of Turbomachinery, 2017, 139, .	1.7	14
5	Analysis of the Variable Geometry Effect in Radial Turbines. Journal of Turbomachinery, 2012, 134, .	1.7	10
6	Generic Properties of Flows in Low-Speed Axial Fans Operating at Load-Controlled Windmill. Journal of Turbomachinery, 2018, 140, .	1.7	6
7	Dynamic Response in Transient Operation of a Variable Geometry Turbine Stage: Influence of the Aerodynamic Performance. International Journal of Rotating Machinery, 2013, 2013, 1-11.	0.8	5
8	Off-Design Considerations through the Properties of Some Pressure-Ratio Line of Radial Inflow Turbines. International Journal of Rotating Machinery, 2008, 2008, 1-8.	0.8	4
9	Preliminary Design Considerations for Variable Geometry Radial Turbines with Multi-Points Specifications. International Journal of Turbomachinery, Propulsion and Power, 2018, 3, 22.	1.1	4
10	Experimental and Numerical Flow Analysis of Low-Speed Fans at Highly Loaded Windmilling Conditions. , 2016, , .		2
11	Improvement of the Parallel Compressor Model and Application to Inlet Flow Distortion. International Journal of Turbomachinery, Propulsion and Power, 2021, 6, 34.	1.1	2
12	Assessment of Steady and Unsteady Full Annulus Simulations Predictivity for a Low-Speed Axial Fan at Load-Controlled Windmill. International Journal of Rotating Machinery, 2018, 2018, 1-12.	0.8	1
13	Preliminary Design Considerations for Variable Geometry Radial Turbines with Multi-Points Specifications. , 2017, , .		1
14	Physics and Instantaneous Performance of Radial Turbines in Unsteady Flows: Validity of the Quasi-Steady Assumption for the Rotor. Journal of Turbomachinery, 2022, 144, .	1.7	1
15	Pulsed Flow Turbine Design Recommendations. International Journal of Turbomachinery, Propulsion and Power, 2021, 6, 24.	1.1	0