

# Sina Stapelfeldt

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6205308/publications.pdf>

Version: 2024-02-01

10  
papers

127  
citations

1478505

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h-index

1474206

9  
g-index

10  
all docs

10  
docs citations

10  
times ranked

43  
citing authors

#	ARTICLE	IF	CITATIONS
1	Influence of the inlet distortion on fan stall margin at different rotational speeds. Aerospace Science and Technology, 2020, 98, 105668.	4.8	37
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	On the Importance of Engine-Representative Models for Fan Flutter Predictions. Journal of Turbomachinery, 2018, 140, .	1.7	16
4	Improving the Flutter Margin of an Unstable Fan Blade. Journal of Turbomachinery, 2019, 141, .	1.7	15
5	Validation of time-domain single-passage methods for the unsteady simulation of a contra-rotating open rotor. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2015, 229, 443-453.	1.4	11
6	Interpretation of Stall Precursor Signatures. Journal of Turbomachinery, 2021, 143, .	1.7	8
7	Analysis of a Linear Model for Non-Synchronous Vibrations Near Stall. International Journal of Turbomachinery, Propulsion and Power, 2021, 6, 26.	1.1	5
8	Aeroelastic Stability of Combined Plunge-Pitch Mode Shapes in a Linear Compressor Cascade. International Journal of Turbomachinery, Propulsion and Power, 2022, 7, 7.	1.1	2
9	Suppression of Nonsynchronous Vibration Through Intentional Aerodynamic and Structural Mistuning. Journal of Turbomachinery, 2022, 144, .	1.7	1
10	Two-Dimensional Investigation of the Fundamentals of OGV Buffeting. International Journal of Turbomachinery, Propulsion and Power, 2022, 7, 13.	1.1	0