

# Marlaine Sanjosá©

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/879862/publications.pdf>

Version: 2024-02-01

24  
papers

441  
citations

759233

12  
h-index

794594

19  
g-index

24  
all docs

24  
docs citations

24  
times ranked

216  
citing authors

#	ARTICLE	IF	CITATIONS
1	Numerical Aeroacoustic Analysis of a Linear Compressor Cascade with Tip Gap. AIAA Journal, 2022, 60, 4840-4854.	2.6	2
2	Large-Eddy Simulation and Broadband Acoustic Prediction of an Helicopter Rotor in Hover. , 2022, , .		2
3	Acoustic Investigation of the Transonic RAE 2822 Airfoil with Large-Eddy Simulation. , 2022, , .		1
4	Large-Eddy Simulation of a Linear Compressor Cascade with Tip Gap: Aerodynamic and Acoustic Analysis. , 2021, , .		3
5	Large-Eddy Simulation of a Single Airfoil Tip-Leakage Flow. AIAA Journal, 2021, 59, 2546-2557.	2.6	14
6	Parametric study on state-of-the-art analytical models for fan broadband interaction noise predictions. Journal of Sound and Vibration, 2021, 514, 116423.	3.9	6
7	CFD-based prediction of wall-pressure spectra under a turbulent boundary layer with adverse pressure gradient. CEAS Aeronautical Journal, 2021, 12, 125-133.	1.7	3
8	Large-Eddy Simulation of a Single Airfoil Tip-Leakage Flow. , 2020, , .		1
9	Turbulent flow and noise sources on a circular cylinder in the critical regime. AIP Advances, 2019, 9, .	1.3	12
10	Large Eddy Simulation of a scale-model turbofan for fan noise source diagnostic. Journal of Sound and Vibration, 2019, 445, 64-76.	3.9	55
11	Numerical Prediction of Far-Field Combustion Noise from Aeronautical Engines. Acoustics, 2019, 1, 174-198.	1.4	8
12	A characteristic inlet boundary condition for compressible, turbulent, multispecies turbomachinery flows. Computers and Fluids, 2019, 178, 41-55.	2.5	28
13	Modal analysis of the laminar boundary layer instability and tonal noise of an airfoil at Reynolds number 150,000. International Journal of Aeroacoustics, 2019, 18, 317-350.	1.3	30
14	Rotating coherent flow structures as a source for narrowband tip clearance noise from axial fans. Journal of Sound and Vibration, 2018, 417, 198-215.	3.9	45
15	Optimization of tonal noise control with flow obstruction. Journal of Sound and Vibration, 2018, 437, 264-275.	3.9	8
16	Fast and accurate analytical modeling of broadband noise for a low-speed fan. Journal of the Acoustical Society of America, 2018, 143, 3103-3113.	1.1	23
17	Improvement of the Near Wall Treatment in Large Eddy Simulation for Aeroacoustic Applications. , 2018, , .		3
18	Isothermal and heated subsonic jet noise using large eddy simulations on unstructured grids. Computers and Fluids, 2018, 171, 166-192.	2.5	27

#	ARTICLE	IF	CITATIONS
19	Effect of Weak Outlet-Guide-Vane Heterogeneity on Rotor-Stator Tonal Noise. AIAA Journal, 2017, 55, 3440-3457.	2.6	7
20	Sub-harmonic broadband humps and tip noise in low-speed ring fans. Journal of the Acoustical Society of America, 2016, 139, 118-127.	1.1	66
21	Numerical assessment of the tonal noise of Counter-Rotating Open Rotors at approach. International Journal of Aeroacoustics, 2016, 15, 23-40.	1.3	7
22	Noise mechanisms in a transonic high-pressure turbine stage. International Journal of Aeroacoustics, 2016, 15, 144-161.	1.3	17
23	Tonal noise prediction and validation on the ANCF rotor-stator configuration. Noise Control Engineering Journal, 2015, 63, 552-562.	0.3	16
24	Noise Source Analysis of a Rod-Airfoil Configuration Using Unstructured Large-Eddy Simulation. AIAA Journal, 2015, 53, 1062-1077.	2.6	57