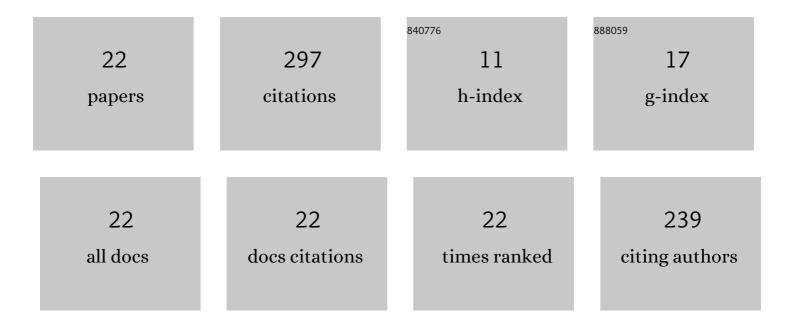
## Nicholas Bojdo

List of Publications by Year in descending order

Source: https://exaly.com/author-pdf/1850251/publications.pdf Version: 2024-02-01



NICHOLAS ROIDO

#	Article	IF	CITATIONS
1	Turboshaft engine air particle separation. Progress in Aerospace Sciences, 2010, 46, 224-245.	12.1	59
2	A Simple Model to Assess the Role of Dust Composition and Size on Deposition in Rotorcraft Engines. Aerospace, 2019, 6, 44.	2.2	27
3	Multi-objective optimisation of aircraft departure trajectories. Aerospace Science and Technology, 2018, 79, 37-47.	4.8	25
4	Structural modelling of the cardiovascular system. Biomechanics and Modeling in Mechanobiology, 2018, 17, 1217-1242.	2.8	22
5	Statistical model for gas turbine engines exhaust emissions. Transportation Research, Part D: Transport and Environment, 2018, 59, 451-463.	6.8	21
6	Validation of an integrated simulation model for aircraft noise and engine emissions. Aerospace Science and Technology, 2019, 89, 370-381.	4.8	19
7	Particle-Vane Interaction Probability in Gas Turbine Engines. Journal of Turbomachinery, 2019, 141, .	1.7	17
8	Noise reduction of a Counter Rotating Open Rotor through a locked blade row. Aerospace Science and Technology, 2020, 98, 105637.	4.8	16
9	Prediction of aircraft engine emissions using ADS-B flight data. Aeronautical Journal, 2021, 125, 988-1012.	1.6	16
10	Comparative Study of Helicopter Engine Particle Separators. Journal of Aircraft, 2014, 51, 1030-1042.	2.4	15
11	Aircraft engine dust ingestion following sand storms. Aerospace Science and Technology, 2020, 106, 106072.	4.8	15
12	Fabric Filter Performance of Helicopter Inlet Barrier Filters. Journal of the American Helicopter Society, 2012, 57, 1-13.	0.8	10
13	Performance Prediction of Inlet Barrier Filters for Rotorcraft Engines. Journal of Aircraft, 2011, 48, 1903-1912.	2.4	9
14	Monte Carlo Predictions of Aero-Engine Performance Degradation Due to Particle Ingestion. Aerospace, 2021, 8, 146.	2.2	8
15	Vector-based discrete element method for solid elastic materials. Computer Physics Communications, 2020, 254, 107353.	7.5	7
16	Operational performance of inlet barrier filters for rotorcraft. Aeronautical Journal, 2012, 116, 847-869.	1.6	3
17	Interaction effects on the conversion corridor of tiltrotor aircraft. Aeronautical Journal, 2021, 125, 2065-2086.	1.6	3
18	Generalized Predictions of Particle-Vane Retention Probability in Gas Turbine Engines. Journal of Turbomachinery, 2021, 143, .	1.7	2

NICHOLAS BOJDO

#	Article	IF	CITATIONS
19	Using the OpenSky ADS-B Data to Estimate Aircraft Emissions. Engineering Proceedings, 2022, 13, .	0.4	2
20	Influence of Turboshaft Engine Architecture on Ash Particle Deposition: Reduced Order Model Application. , 2020, , .		1
21	Self-cleaning barrier filter for rotorcraft engines. Aeronautical Journal, 2014, 118, 1311-1328.	1.6	0
22	Air filtration in aero engines. , 2017, , 229-243.		0