

Nicholas Bojdo

List of Publications by Year in descending order

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Version: 2024-02-01

22
papers

297
citations

840776

11
h-index

888059

17
g-index

22
all docs

22
docs citations

22
times ranked

239
citing authors

#	ARTICLE	IF	CITATIONS
1	Using the OpenSky ADS-B Data to Estimate Aircraft Emissions. Engineering Proceedings, 2022, 13, .	0.4	2
2	Prediction of aircraft engine emissions using ADS-B flight data. Aeronautical Journal, 2021, 125, 988-1012.	1.6	16
3	Interaction effects on the conversion corridor of tiltrotor aircraft. Aeronautical Journal, 2021, 125, 2065-2086.	1.6	3
4	Monte Carlo Predictions of Aero-Engine Performance Degradation Due to Particle Ingestion. Aerospace, 2021, 8, 146.	2.2	8
5	Generalized Predictions of Particle-Vane Retention Probability in Gas Turbine Engines. Journal of Turbomachinery, 2021, 143, .	1.7	2
6	Noise reduction of a Counter Rotating Open Rotor through a locked blade row. Aerospace Science and Technology, 2020, 98, 105637.	4.8	16
7	Aircraft engine dust ingestion following sand storms. Aerospace Science and Technology, 2020, 106, 106072.	4.8	15
8	Vector-based discrete element method for solid elastic materials. Computer Physics Communications, 2020, 254, 107353.	7.5	7
9	Influence of Turboshift Engine Architecture on Ash Particle Deposition: Reduced Order Model Application. , 2020, , .		1
10	Particle-Vane Interaction Probability in Gas Turbine Engines. Journal of Turbomachinery, 2019, 141, .	1.7	17
11	A Simple Model to Assess the Role of Dust Composition and Size on Deposition in Rotorcraft Engines. Aerospace, 2019, 6, 44.	2.2	27
12	Validation of an integrated simulation model for aircraft noise and engine emissions. Aerospace Science and Technology, 2019, 89, 370-381.	4.8	19
13	Statistical model for gas turbine engines exhaust emissions. Transportation Research, Part D: Transport and Environment, 2018, 59, 451-463.	6.8	21
14	Multi-objective optimisation of aircraft departure trajectories. Aerospace Science and Technology, 2018, 79, 37-47.	4.8	25
15	Structural modelling of the cardiovascular system. Biomechanics and Modeling in Mechanobiology, 2018, 17, 1217-1242.	2.8	22
16	Air filtration in aero engines. , 2017, , 229-243.		0
17	Comparative Study of Helicopter Engine Particle Separators. Journal of Aircraft, 2014, 51, 1030-1042.	2.4	15
18	Self-cleaning barrier filter for rotorcraft engines. Aeronautical Journal, 2014, 118, 1311-1328.	1.6	0

#	ARTICLE	IF	CITATIONS
19	Fabric Filter Performance of Helicopter Inlet Barrier Filters. Journal of the American Helicopter Society, 2012, 57, 1-13.	0.8	10
20	Operational performance of inlet barrier filters for rotorcraft. Aeronautical Journal, 2012, 116, 847-869.	1.6	3
21	Performance Prediction of Inlet Barrier Filters for Rotorcraft Engines. Journal of Aircraft, 2011, 48, 1903-1912.	2.4	9
22	Turboshaft engine air particle separation. Progress in Aerospace Sciences, 2010, 46, 224-245.	12.1	59