

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

#	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