

Marius Deaconu

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/7978994/publications.pdf>

Version: 2024-02-01

22
papers

68
citations

1937457

4
h-index

1588896

8
g-index

22
all docs

22
docs citations

22
times ranked

39
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigating the Use of Recycled Pork Fat-Based Biodiesel in Aviation Turbo Engines. Processes, 2020, 8, 1196.	1.3	12
2	An Experimental Investigation to Use the Biodiesel Resulting from Recycled Sunflower Oil, and Sunflower Oil with Palm Oil as Fuels for Aviation Turbo-Engines. International Journal of Environmental Research and Public Health, 2021, 18, 5189.	1.2	12
3	Performances and Emissions Evaluation of a Microturbojet Engine Running on Biodiesel Blends. Journal of Energy Resources Technology, Transactions of the ASME, 2019, 141, .	1.4	12
4	Impact of Using Chevrons Nozzle on the Acoustics and Performances of a Micro Turbojet Engine. Applied Sciences (Switzerland), 2021, 11, 5158.	1.3	6
5	Comparative study of sound absorption coefficient determination using FEM method and experimental tests on Kundt's tube. AIP Conference Proceedings, 2017, , .	0.3	4
6	Helicopter Inside Cabin Acoustic Evaluation: A Case Study of IAR PUMA 330. International Journal of Environmental Research and Public Health, 2021, 18, 9716.	1.2	4
7	Composite material designs for lightweight space packaging structures. INCAS Bulletin, 2018, 10, 13-25.	0.3	4
8	Noise Impact Mitigation of Shopping Centres Located near Densely Populated Areas for a Better Quality of Life. Applied Sciences (Switzerland), 2020, 10, 6484.	1.3	3
9	Influence of Bioethanol Blends on Performances of a Micro Turbojet Engine. Revista De Chimie (discontinued), 2020, 71, 229-238.	0.2	3
10	Turbojet Test Cell and Noise Impact Assessment in the Vicinity of Romanian Research and Development Institute for Gas Turbines COMOTI. Acoustics Australia, 2018, 46, 249-257.	1.4	2
11	Novel Carbon Fibre Composite Centrifugal Impeller Design, Numerical Analysis, Manufacturing and Experimental Evaluations. Polymers, 2021, 13, 3432.	2.0	2
12	Vibration Energy Harvesting Potential for Turbomachinery Applications. INCAS Bulletin, 2018, 10, 135-148.	0.3	2
13	Numerical study of a thermoacoustic impulse turbine. AIP Conference Proceedings, 2019, , .	0.3	1
14	Romanian Standardized Noise Reaction Questions for Community Noise Surveys. Acta Acustica United With Acustica, 2017, 103, 232-235.	0.8	1
15	Micro Turbo Engine JetCAT P80 Acoustic Evaluation. Springer Proceedings in Physics, 2018, , 129-135.	0.1	0
16	JetCat P80 noise experimental and numerical evaluation. AIP Conference Proceedings, 2018, , .	0.3	0
17	A better design for pulsation dampeners. AIP Conference Proceedings, 2018, , .	0.3	0
18	Aeroacoustic noise estimation for a Coflow-jet Naca airfoil. AIP Conference Proceedings, 2019, , .	0.3	0

#	ARTICLE	IF	CITATIONS
19	Numerical simulation for a metamaterial based muffler. AIP Conference Proceedings, 2019, , .	0.3	0
20	EXPERIMENTAL IMPACT ASSESSMENT OF NOX EMISSIONS FROM A DUCT BURNER. , 2017, , .		0
21	THE IMPACT OF WATER INJECTION WITHIN A GAS TURBINE'S INTAKE, AT ITS STARTING ON THE TEST BENCH. , 2018, , .		0
22	Experimental Investigations on the Possibility to Apply the Corrugated Sheet Metal Used in the Past with Junkers Aircraft to Reduce Noise for Future European Aircraft. Other Noise Reduction Experiments for Future European Aircraft. INCAS Bulletin, 2018, 10, 141-151.	0.3	0