

Marius Deaconu

List of Publications by Year in descending order

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papers

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39
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Impact of Using Chevrons Nozzle on the Acoustics and Performances of a Micro Turbojet Engine. Applied Sciences (Switzerland), 2021, 11, 5158.	1.3	6
3	Helicopter Inside Cabin Acoustic Evaluation: A Case Study – IAR PUMA 330. International Journal of Environmental Research and Public Health, 2021, 18, 9716.	1.2	4
4	Novel Carbon Fibre Composite Centrifugal Impeller Design, Numerical Analysis, Manufacturing and Experimental Evaluations. Polymers, 2021, 13, 3432.	2.0	2
5	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
6	Investigating the Use of Recycled Pork Fat-Based Biodiesel in Aviation Turbo Engines. Processes, 2020, 8, 1196.	1.3	12
7	Influence of Bioethanol Blends on Performances of a Micro Turbojet Engine. Revista De Chimie (discontinued), 2020, 71, 229-238.	0.2	3
8	Aeroacoustic noise estimation for a Coflow-jet Naca airfoil. AIP Conference Proceedings, 2019, , .	0.3	0
9	Numerical study of a thermoacoustic impulse turbine. AIP Conference Proceedings, 2019, , .	0.3	1
10	Numerical simulation for a metamaterial based muffler. AIP Conference Proceedings, 2019, , .	0.3	0
11	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
12	Micro Turbo Engine JetCAT P80 Acoustic Evaluation. Springer Proceedings in Physics, 2018, , 129-135.	0.1	0
13	JetCat P80 noise experimental and numerical evaluation. AIP Conference Proceedings, 2018, , .	0.3	0
14	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
15	A better design for pulsation dampeners. AIP Conference Proceedings, 2018, , .	0.3	0
16	Composite material designs for lightweight space packaging structures. INCAS Bulletin, 2018, 10, 13-25.	0.3	4
17	Vibration Energy Harvesting Potential for Turbomachinery Applications. INCAS Bulletin, 2018, 10, 135-148.	0.3	2
18	THE IMPACT OF WATER INJECTION WITHIN A GAS TURBINE'S INTAKE, AT ITS STARTING ON THE TEST BENCH. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	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
20	Comparative study of sound absorption coefficient determination using FEM method and experimental tests on Kundt's tube. AIP Conference Proceedings, 2017, , .	0.3	4
21	Romanian Standardized Noise Reaction Questions for Community Noise Surveys. Acta Acustica United With Acustica, 2017, 103, 232-235.	0.8	1
22	EXPERIMENTAL IMPACT ASSESSMENT OF NOX EMISSIONS FROM A DUCT BURNER. , 2017, , .		0