

Artur Szymanski

List of Publications by Year in descending order

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Version: 2024-02-01

12
papers

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citations

1478505

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1474206

9
g-index

12
all docs

12
docs citations

12
times ranked

61
citing authors

#	ARTICLE	IF	CITATIONS
1	Impact of compressed air energy storage demands on gas turbine performance. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2021, 235, 850-865.	1.4	12
2	Aerodynamic limits of gas turbine compressor during high air offtakes for minimum load extension. Applied Thermal Engineering, 2021, 189, 116697.	6.0	3
3	Aeroderivative gas turbine back-up capability with compressed air injection. Applied Thermal Engineering, 2020, 180, 115844.	6.0	9
4	Experimental validation of optimised straight-through labyrinth seals with various land structures. International Journal of Heat and Mass Transfer, 2020, 158, 119930.	4.8	13
5	Entropy Generation and Efficiency of a Transonic Rotor With Water Injection: A Numerical Study. , 2020, , .		0
6	Experimental investigation of gas turbine compressor water injection for NOx emission reductions. Energy, 2019, 176, 235-248.	8.8	20
7	Experimental and numerical tip leakage flow visualization in the LP turbine labyrinth seal. E3S Web of Conferences, 2019, 137, 01008.	0.5	2
8	Optimization of the Straight-Through Labyrinth Seal With a Smooth Land. Journal of Engineering for Gas Turbines and Power, 2018, 140, .	1.1	9
9	Real prospects for the development of power technologies based on renewable energy sources in Poland. Frontiers in Energy, 2017, 11, 168-174.	2.3	3
10	Liquid phase evaporation on the normal shock wave in moist air transonic flows in nozzles. Journal of Thermal Science, 2017, 26, 214-222.	1.9	13
11	Experimental and numerical validation study of the labyrinth seal configurations. , 2017, , .		9
12	Aerodynamic limits air injection for heavy-duty gas turbine: Compressor aerodynamic limits for power augmentation and ramp-up capabilities. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 0, , 095765092210925.	1.4	0