

Mykola Radchenko

List of Publications by Year in descending order

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Version: 2024-02-01

23
papers

405
citations

567281

15
h-index

794594

19
g-index

29
all docs

29
docs citations

29
times ranked

48
citing authors

#	ARTICLE	IF	CITATIONS
1	Rational loads of turbine inlet air absorption-ejector cooling systems. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2022, 236, 450-462.	1.4	24
2	Monitoring the efficiency of cooling air at the inlet of gas engine in integrated energy system. Thermal Science, 2022, 26, 185-194.	1.1	21
3	Analysis of the Effectiveness of the Thermopressor for Charge Air Cooling of Marine Engines. Lecture Notes in Mechanical Engineering, 2022, , 582-591.	0.4	0
4	Energy Saving in Trigeneration Plant for Food Industries. Energies, 2022, 15, 1163.	3.1	17
5	Gas Turbine Intake Air Hybrid Cooling Systems and a New Approach to Their Rational Designing. Energies, 2022, 15, 1474.	3.1	15
6	Analysis of Efficiency of Thermopressor Application for Internal Combustion Engine. Energies, 2022, 15, 2250.	3.1	14
7	Research of characteristics of the flow part of an aerothermopressor for gas turbine intercooling air. Proceedings of the Institution of Mechanical Engineers, Part A: Journal of Power and Energy, 2022, 236, 634-646.	1.4	14
8	Cooling Cyclic Air of Marine Engine with Water-Fuel Emulsion Combustion by Exhaust Heat Recovery Chiller. Energies, 2022, 15, 248.	3.1	15
9	The Effect of Microencapsulated PCM Slurry Coolant on the Efficiency of a Shell and Tube Heat Exchanger. Energies, 2022, 15, 5142.	3.1	16
10	Rational Thermal Loading the Engine Inlet Air Chilling Complex with Cooling Towers. Lecture Notes in Mechanical Engineering, 2021, , 724-733.	0.4	2
11	Optimal Sizing of the Evaporation Chamber in the Low-Flow Aerothermopressor for a Combustion Engine. Lecture Notes in Mechanical Engineering, 2021, , 654-663.	0.4	15
12	Analysis of Operation of Ambient Air Conditioning Systems with Refrigeration Machines of Different Types. Lecture Notes in Networks and Systems, 2021, , 545-555.	0.7	1
13	Improving the efficiency of heat recovery circuits of cogeneration plants with combustion of water-fuel emulsions. Thermal Science, 2021, 25, 791-800.	1.1	31
14	Gas turbine intake air hybrid cooling systems and their rational designing. E3S Web of Conferences, 2021, 323, 00030.	0.5	3
15	Innovative combined in-cycle trigeneration technologies for food industries. E3S Web of Conferences, 2021, 323, 00029.	0.5	3
16	Innovative Turbine Intake Air Cooling Systems and Their Rational Designing. Energies, 2020, 13, 6201.	3.1	29
17	Semi-Empirical Correlations of Pollution Processes on the Condensation Surfaces of Exhaust Gas Boilers with Water-Fuel Emulsion Combustion. Lecture Notes in Mechanical Engineering, 2020, , 853-862.	0.4	19
18	Monitoring the Fuel Efficiency of Gas Engine in Integrated Energy System. Advances in Intelligent Systems and Computing, 2020, , 361-370.	0.6	22

#	ARTICLE	IF	CITATIONS
19	Enhancement of the Operation Efficiency of the Transport Air Conditioning System. Lecture Notes in Mechanical Engineering, 2020, , 332-342.	0.4	22
20	The Efficiency of Refrigeration Capacity Regulation in the Ambient Air Conditioning Systems. Lecture Notes in Mechanical Engineering, 2020, , 343-353.	0.4	22
21	Determination of hydraulic resistance of the aerothermopressor for gas turbine cyclic air cooling. E3S Web of Conferences, 2020, 180, 01012.	0.5	17
22	Statistical Approach to Improve the Efficiency of Air Conditioning System Performance in Changeable Climatic Conditions. , 2018, , .		21
23	Enhancing the Utilization of Gas Engine Module Exhaust Heat by Two-stage Chillers for Combined Electricity, Heat and Refrigeration. , 2018, , .		22