Andrii Radchenko

List of Publications by Year
in descending order

24	394	567281 15	794594 19
papers	citations	h-index	g-index

30	30	30	47
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Innovative Turbine Intake Air Cooling Systems and Their Rational Designing. Energies, 2020, 13, 6201.	3.1	29
2	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
3	Monitoring the Fuel Efficiency of Gas Engine in Integrated Energy System. Advances in Intelligent Systems and Computing, 2020, , 361-370.	0.6	22
4	Analysis of the Efficiency of Engine Inlet Air Chilling Unit with Cooling Towers. Lecture Notes in Mechanical Engineering, 2020, , 322-331.	0.4	22
5	The Efficiency of Refrigeration Capacity Regulation in the Ambient Air Conditioning Systems. Lecture Notes in Mechanical Engineering, 2020, , 343-353.	0.4	22
6	Statistical Method to Define Rational Heat Loads on Railway Air Conditioning System for Changeable Climatic Conditions. , 2018, , .		21
7	Statistical Approach to Improve the Efficiency of Air Conditioning System Performance in Changeable Climatic Conditions. , 2018, , .		21
8	Rational Designing of Gas Turbine Inlet Air Cooling System. Lecture Notes in Mechanical Engineering, 2020, , 591-599.	0.4	21
9	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
10	Gas turbine unite inlet air cooling by using an excessive refrigeration capacity of absorption-ejector chiller in booster air cooler. E3S Web of Conferences, 2018, 70, 03012.	0.5	16
11	Improvement of the Refrigeration Capacity Utilizing for the Ambient Air Conditioning System. Lecture Notes in Mechanical Engineering, 2021, , 714-723.	0.4	16
12	Capture of Pollutants from Exhaust Gases by Low-Temperature Heating Surfaces. Energies, 2022, 15, 120.	3.1	16
13	Increasing electrical power output and fuel efficiency of gas engines in integrated energy system by absorption chiller scavenge air cooling on the base of monitoring data treatment. E3S Web of Conferences, 2018, 70, 03011.	0.5	15
14	Gas Turbine Intake Air Hybrid Cooling Systems and a New Approach to Their Rational Designing. Energies, 2022, 15, 1474.	3.1	15
15	Cooling Cyclic Air of Marine Engine with Water-Fuel Emulsion Combustion by Exhaust Heat Recovery Chiller. Energies, 2022, 15, 248.	3.1	15
16	Analysis of Efficiency of Thermopressor Application for Internal Combustion Engine. Energies, 2022, 15, 2250.	3.1	14
17	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
18	Gas turbine intake air hybrid cooling systems and their rational designing. E3S Web of Conferences, 2021, 323, 00030.	0.5	3

#	Article	IF	Citations
19	Innovative combined in-cycle trigeneration technologies for food industries. E3S Web of Conferences, 2021, 323, 00029.	0.5	3
20	Analysis of Ship Main Engine Intake Air Cooling by Ejector Turbocompressor Chillers on Equatorial Voyages. Lecture Notes in Networks and Systems, 2021, , 487-497.	0.7	2
21	Alternative variable refrigerant flow (VRF) air conditioning systems with rational distribution of thermal load. E3S Web of Conferences, 2021, 323, 00028.	0.5	1
22	Efficiency of Thermopressor Application in an Ejector Refrigeration Machine. Lecture Notes in Mechanical Engineering, 2021, , 329-338.	0.4	0
23	Rational Loading on Combined Waste Heat Recovery Cooling System. Lecture Notes in Mechanical Engineering, 2022, , 634-643.	0.4	0
24	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