

# Andrii Radchenko

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/6575862/publications.pdf>

Version: 2024-02-01

24  
papers

394  
citations

567281

15  
h-index

794594

19  
g-index

30  
all docs

30  
docs citations

30  
times ranked

47  
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	Rational Loading on Combined Waste Heat Recovery Cooling System. Lecture Notes in Mechanical Engineering, 2022, , 634-643.	0.4	0
4	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
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	Capture of Pollutants from Exhaust Gases by Low-Temperature Heating Surfaces. Energies, 2022, 15, 120.	3.1	16
8	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
9	Cooling Cyclic Air of Marine Engine with Water-Fuel Emulsion Combustion by Exhaust Heat Recovery Chiller. Energies, 2022, 15, 248.	3.1	15
10	Efficiency of Thermopressor Application in an Ejector Refrigeration Machine. Lecture Notes in Mechanical Engineering, 2021, , 329-338.	0.4	0
11	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
12	Improvement of the Refrigeration Capacity Utilizing for the Ambient Air Conditioning System. Lecture Notes in Mechanical Engineering, 2021, , 714-723.	0.4	16
13	Gas turbine intake air hybrid cooling systems and their rational designing. E3S Web of Conferences, 2021, 323, 00030.	0.5	3
14	Alternative variable refrigerant flow (VRF) air conditioning systems with rational distribution of thermal load. E3S Web of Conferences, 2021, 323, 00028.	0.5	1
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	Monitoring the Fuel Efficiency of Gas Engine in Integrated Energy System. Advances in Intelligent Systems and Computing, 2020, , 361-370.	0.6	22
18	Rational Designing of Gas Turbine Inlet Air Cooling System. Lecture Notes in Mechanical Engineering, 2020, , 591-599.	0.4	21

#	ARTICLE	IF	CITATIONS
19	Analysis of the Efficiency of Engine Inlet Air Chilling Unit with Cooling Towers. Lecture Notes in Mechanical Engineering, 2020, , 322-331.	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	Statistical Method to Define Rational Heat Loads on Railway Air Conditioning System for Changeable Climatic Conditions. , 2018, , .		21
22	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
23	Statistical Approach to Improve the Efficiency of Air Conditioning System Performance in Changeable Climatic Conditions. , 2018, , .		21
24	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