Dmytro Konovalov

List of Publications by Year
in descending order

27	234	759233	940533
papers	citations	12 h-index	16 g-index

35	35	35	53
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	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
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	Characteristics of the Rotary Cup Atomizer Used as Afterburning Installation in Exhaust Gas Boiler Flue. Lecture Notes in Mechanical Engineering, 2020, , 302-311.	0.4	19
4	Experimental Research of the Excessive Water Injection Effect on Resistances in the Flow Part of a Low-Flow Aerothermopressor. Lecture Notes in Mechanical Engineering, 2020, , 292-301.	0.4	18
5	Determination of hydraulic resistance of the aerothermopressor for gas turbine cyclic air cooling. E3S Web of Conferences, 2020, 180, 01012.	0.5	17
6	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
7	Cooling Cyclic Air of Marine Engine with Water-Fuel Emulsion Combustion by Exhaust Heat Recovery Chiller. Energies, 2022, 15, 248.	3.1	15
8	Analysis of Efficiency of Thermopressor Application for Internal Combustion Engine. Energies, 2022, 15, 2250.	3.1	14
9	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
10	Enhancing Energy Efficiency of Ship Diesel Engine with Gas Ecological Recirculation. Lecture Notes in Mechanical Engineering, 2021, , 391-400.	0.4	3
11	Rational Thermal Loading the Engine Inlet Air Chilling Complex with Cooling Towers. Lecture Notes in Mechanical Engineering, 2021, , 724-733.	0.4	2
12	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
13	Analysing the efficiency of thermopressor application in the charge air cooling system of combustion engine. E3S Web of Conferences, 2021, 323, 00017.	0.5	2
14	Absorption of pollutants from exhaust gases by low-temperature heating surfaces. E3S Web of Conferences, 2021, 323, 00018.	0.5	1
15	Efficiency of Thermopressor Application in an Ejector Refrigeration Machine. Lecture Notes in Mechanical Engineering, 2021, , 329-338.	0.4	0
16	Ð'Ð"ÐžÐ¡ÐšÐžÐÐÐ›Ð•ÐÐ¯ Ð¢Ð•ÐŸÐ›ÐžÐ'Ð¯ÐšÐžÐÐ¯Ð¡Ð¢ÐžÐ'Ð£Ð®Ð§Ð¥ Ð•Ð–Ð•Ð•ÐšÐ¢ÐžÐÐÐ¯ Ð¥ÐžÐ›ÐžÐ'Ð¯ÐÐ¯ Ð¤		
17	ÐÐ¾Ð·Ñ€Ð¾Ð±ÐºÐ° Ð¿Ñ€Ð¾Ð³Ñ€Ð°Ð¼Ð½Ð¾Ð³Ð¾ Ð¾Ð¾Ð¼Ð¿Ð»ÐµÐºÑ ÑÐ°Ñ†Ñ–Ð¾Ð½Ð°Ð»ÑŒÐ½Ð¾Ð³Ð¾ Ð¿Ñ€		
18	ÐÐ½Ð°Ð»Ñ–Ð· ÐµÑ„ÐµÐºÑ‚Ð¸Ð²Ð½Ð¾ÑÑ– Ñ…Ð¾Ð»Ð¾Ð´Ð¸Ð»ÑŒÐ½Ð¸Ðº Ð½Ð°		

#	Article	IF	Citations
19	Ð—Ð°ÑÑ‚Ð¾ÑÑƒÐ²Ð°Ð½Ð½Ñ•ÐºÐ¾Ð½Ñ‚Ð°ÐºÑ‚Ð½Ð¾Ð³Ð¾ Ð¾Ñ…Ð¾Ð»Ð¾Ð´Ð¶ÐµÐ½Ð½Ñ•Ð¿Ð¾Ð²Ñ–Ñ‚Ñ€Ñ•Ð°ÐµÑ€Ð¾	0.0	0
20	ÐœÐ¾Ð´ÐµÐ»ÑŒ Ð²Ñ–Ð±Ñ€Ð¾ÐºÐ¸Ð¿Ð»ÑÑ‡Ð¾Ð³Ð¾ ÑˆÐ°Ñ€Ñƒ ÑÐ¸Ð¿ÐºÐ¸Ñ… ÑÐµÑ€ÐµÐ´Ð¾Ð²Ð¸Ñ‰ Ñ‚Ð°Ñ—Ñ— Ð¿Ñ€Ð¾Ð³	0.0	0
21	Using the heat of recirculation gases of the ship main engine by an ejector refrigeration machine for intake air cooling. HolodilÊ¹naÃ¢ Tehnika I TehnologiÃ¢, 2019, 55, 4-9.	0.0	0
22	Numerical simulation of the regime and geometric characteristics influence on the pressure loss of a low-flow aerothermopressor. HolodilÊ¹naÃ¢ Tehnika I TehnologiÃ¢, 2019, 55, 66-76.	0.0	0
23	Ð§Ð˜Ð¡Ð•Ð›Ð¬ÐÐ• ÐœÐžÐ”Ð•Ð›Ð®Ð’ÐÐÐÐ¯ ÐŸÐÐžÐ¢ÐžÐ§ÐÐžÐ‡ Ð§ÐÐ¡Ð¢Ð˜ÐÐ˜ ÐœÐÐ›ÐžÐ’Ð˜Ð¢ÐÐÐ¢ÐÐžÐ'ÐžÐ ÐÐ•ÐÐžÐ¢Ð•Ð	0.2	0
24	Ð—ÐÐ¡Ð¢ÐžÐ¡Ð£Ð'ÐÐÐÐ¯ Ð"ÐÐ—ÐžÐ"Ð˜ÐÐÐœÐ†Ð§ÐÐžÐ"Ðž ÐžÐ¥ÐžÐ›ÐžÐ"Ð–Ð•ÐÐÐ¯ Ð' Ð¡Ð˜Ð¡Ð¢Ð•ÐœÐÐ¥ÐÐ•Ð¦Ð˜ÐÐšÐ£Ð›	0.1	0
25	ÐÐÐÐ›Ð†Ð— Ð•ÐÐ•ÐšÐ¢Ð˜Ð'ÐÐžÐ¡Ð¢Ð† Ð¢Ð•ÐŸÐ›ÐžÐ'Ð˜ÐšÐžÐÐ˜Ð¡Ð¢ÐžÐ'Ð£Ð®Ð§ÐžÐ‡ Ð¢Ð•ÐÐœÐžÐŸÐÐ•Ð¡ÐžÐÐÐžÐ Ð•Ð—Ð•ÐšÐ	0.1	0
26	ÐœÐ¾Ð´ÐµÐ»ÑŽÐ²Ð°Ð½Ð½Ñ•Ñ‚Ð° Ð¿Ñ€Ð¾Ð³Ñ€Ð°Ð¼Ð½Ð¸Ð¹ ÐºÐ¾Ð¼Ð¿Ð»ÐµÐºÑ•Ð´Ð»Ñ•Ð´Ð¾ÑÐ»Ñ–Ð´Ð¶ÐµÐ½Ð½Ñ•Ñ„Ñƒ	0.2	0
27	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