Svitlana Alyokhina

List of Publications by Year
in descending order

23	91	1478505 6	1372567 10
papers	citations	h-index	g-index

23	23	23	39
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	COMPUTER SIMULATIONS OF CONTROLLABILITY PROCESSES FOR ROBOTIC WHEELED PLATFORMS TAKING INTO ACCOUNT RESTRICTIONS OF JERK MOTIONS. Innovative Technologies and Scientific Solutions for Industries, 2022, , 65-75.	0.2	0
2	IDENTIFICATION OF THE FLOW PARAMETERS OF SEPARATION AREA NEAR THE BUILDING CORNER. , 2021, 48, 47-54.		0
3	Evaluation of radioactive material leakage through the fuel cladding as result of diffusion processes during the long-term storage of spent nuclear fuel. Journal of King Saud University, Engineering Sciences, 2021, , .	2.0	3
4	Safe Transportation of Nuclear Fuel Assemblies by Means of Wheeled Robotic Platforms. Nuclear and Radiation Safety, 2021, , 43-50.	0.4	1
5	Methodology for Determining the Thermal and Thermal-Stress States of a Concrete Storage Container for Spent Nuclear Fuel for Assessment of Its Service Life. Nuclear and Radiation Safety, 2021, , 33-39.	0.4	1
6	INVERSE PROBLEM OF THE COMPOSITION DETERMINATION OF COMBUSTION PRODUCTS FOR GASEOUS HYDROCARBON FUEL. Computational Thermal Sciences, 2020, 12, 477-489.	0.9	0
7	Model and method of conditional formula determination of oxygen-containing hydrocarbon fuel in combustion. Energetika, 2020, 66, .	0.6	0
8	Steam Turbine Low Pressure Cylinder Last Stage by the Blades Spatial Profiling. Journal of Mechanical Engineering, 2020, 23, 6-14.	0.3	1
9	Using of optimization geometric design methods for the problems of the spent nuclear fuel safe storage. ÅtuÄnij Ã¬ntelekt, 2020, 25, 51-63.	0.2	0
10	Thermal state of ventilated storage container with spent nuclear fuel under normal operation. International Journal of Nuclear Energy Science and Technology, 2019, 13, 381.	0.0	8
11	Thermal state of ventilated storage container with spent nuclear fuel under normal operation. International Journal of Nuclear Energy Science and Technology, 2019, 13, 381.	0.0	0
12	Experimental Study of the Model Compartment of the Low-Pressure Cylinder of K-320-240 Turbines of JSC "Turboatom". Journal of Mechanical Engineering, 2019, 22, 6-11.	0.3	1
13	Thermal analysis of certain accident conditions of dry spent nuclear fuel storage. Nuclear Engineering and Technology, 2018, 50, 717-723.	2.3	19
14	Prediction of the maximum temperature inside container with spent nuclear fuel. Nuclear and Radiation Safety, 2018, , 31-35.	0.4	3
15	Problems of creating scientific and methodological bases of spent nuclear fuel dry cask storage thermal safety in Ukraine. Journal of Mechanical Engineering, 2018, 21, 4-12.	0.3	0
16	Definition of mutual thermal influence of containers with spent nuclear fuel at the open storage site. Nuclear and Radiation Safety, 2018, , 36-40.	0.4	1
17	Unsteady heat exchange at the dry spent nuclear fuel storage. Nuclear Engineering and Technology, 2017, 49, 1457-1462.	2.3	13
18	Identification of the Thermal Conductivity Coefficient for Quasi-Stationary Two-Dimensional Heat Conduction Equations. Journal of Engineering Physics and Thermophysics, 2017, 90, 1295-1301.	0.6	16

#	Article	IF	Citations
19	NUMERICAL CALCULATION OF CONJUGATE HEAT TRANSFER IN END SEALS OF STEAM TURBINES. Computational Thermal Sciences, 2016, 8, 483-488.	0.9	1
20	Simulation of thermal state of containers with spent nuclear fuel: multistage approach. International Journal of Energy Research, 2015, 39, 1917-1924.	4.5	15
21	Equivalent thermal conductivity of the storage basket with spent nuclear fuel of VVER-1000 reactors. Kerntechnik, 2014, 79, 484-487.	0.2	7
22	The operating processes in exhaust hood of steam turbine high pressure cylinder. , 2012, , .		1
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