Alexander V Lagerev

List of Publications by Year
in descending order

47	104	1478280 6	1474057 9
papers	citations	h-index	g-index

51	51	51	18
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Preliminary Dynamics and Stress Analysis of Articulating Non-Telescoping Boom Cranes Using Finite Element Method. International Review on Modelling and Simulations, 2015, 8, 223.	0.2	13
2	Design of PassengerÂAerial Ropeway for Urban Environment. Urban Rail Transit, 2019, 5, 17-28.	0.9	12
3	Modelling of a Vertical Loop Conveyor with Suspended Belt and Distributed Drive. International Review on Modelling and Simulations, 2016, 9, 271.	0.2	11
4	Tool for Preliminary Dynamics and Stress Analysis of Articulating Cranes. International Review on Modelling and Simulations, 2014, 7, 644.	0.2	10
5	Analyzing the discreet section suspension parameters in a conveyor with suspended belt and distributed drive. Journal of Mechanical Science and Technology, 2017, 31, 4669-4678.	0.7	9
6	Designing Supporting Structures of Passenger Ropeways of Minimum Cost Based on Modular Intermediate Towers of Discretely Variable Height. Urban Rail Transit, 2020, 6, 265-277.	0.9	8
7	Universal Mathematical Model of a Hydraulic Loader Crane. IOP Conference Series: Earth and Environmental Science, 0, 194, 032015.	0.2	4
8	The Influence of Distributing the Conveyor Suspensions with Suspended Belt and Distributed Drive on Its Main Technical Characteristics. International Review on Modelling and Simulations, 2018, 11, 176.	0.2	4
9	Mathematical modeling of mass transfer and removal of droplet-film moisture in inertia-gravity separators of moist vapor. Journal of Engineering Physics and Thermophysics, 2000, 73, 486-495.	0.2	3
10	Increasing operating life of hinge lugs in manipulators of mobile transportation and production machines. IOP Conference Series: Earth and Environmental Science, 2018, 194, 042012.	0.2	3
11	Reducing labor intensity when computing optimal technical characteristics of aerial ropeways. FME Transactions, 2021, 49, 72-77.	0.7	3
12	Prospects of introduction of innovative technology overhead passenger traffic on the basis of the passenger ropeways for the modernization of the public transport system of the Bryansk city. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2017, 3, 163-177.	0.0	2
13	The effect of topography on the choice of optimal step intermediate supports along the line of the cable metro. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2017, 3, 253-272.	0.0	2
14	Optimal design of hydraulic turning mechanisms of the pistoning type of crane facilities of multipurpose hoisting machines.. Bulletin of Bryansk State Technical University, 2014, 2014, 37-45.	0.1	2
15	Probability-temporal analysis of reliability indicators kinetics at the stage of designing a rope system of a mobile transport and reloading ropeway. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2020, 6, 256-275.	0.0	2
16	Placement of technological equipment on the basic chassis of the mobile transportation and reloading rope complex. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2020, 6, 388-403.	0.0	2
17	Modeling operation modes of hydraulic drives with frequency-throttle regulation of mobile transport and overloading ropes complexes. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2019, 5, 462-480.	0.0	1
18	ÐžÐŸÐ¢Ð˜ÐœÐÐ›Ð¬ÐÐ«Ð™ Ð¡Ð˜ÐÐ¢Ð•Ð— ÐŸÐÐ˜Ð'ÐžÐ"ÐÐ«Ð¥ Ð'ÐÐÐÐ˜ÐÐÐ«Ð¥ Ð¡ÐžÐ•Ð"Ð˜ÐÐ•ÐÐ˜Ð™ Ð"Ð˜Ð¨ÐÐÐ'Ð˜Ð§Ð•Ð¡	0.8	1

#	Article	IF	Citations
19	Universal technique for optimal design of metal constructions of conveyor with hanging belt.. Bulletin of Bryansk State Technical University, 2014, 2014, 31-36.	0.1	1
20	Risk assessment during operating self-propelled lifting jib cranes in conditions of insufficient information. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2017, 3, 203-220.	0.0	1
21	Improving the safety of operation mobile transport and technological machines with manipulators when working with outriggers. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2017, 3, 296-302.	0.0	1
22	MODELING OF WORKING PROCESSES IN THE THROTTLE-ADJUSTABLE HYDRAULIC DRIVE OF MANIPULATION SYSTEMS WITH SEPARATE MOVEMENT OF LINKS DURING OPERATION OF MOBILE MACHINES. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2018, 4, 355-379.	0.0	1
23	General stability of a base vehicle of a mobile ropeway. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2019, 5, 210-220.	0.0	1
24	Dynamic Processes of Loader Cranes Manipulators with Excessive Backlashes and Elastic Damping in Their Hinges. Periodica Polytechnica, Mechanical Engineering, 2019, 64, 7-14.	0.8	1
25	Formation of the strategy for restoring the rope system of the mobile transport and reloading rope complex during operation. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2020, 6, 276-293.	0.0	1
26	Modeling the Reliability Indicators' Kinetics of a Mobile Ropeway Formed by the Self-Propelled Units. Communications - Scientific Letters of the University of Zilina, 2022, 24, B106-B119.	0.3	1
27	Predicting the life of turbine blandes with erosion-resistant coatings in high-velocity drop-impact loading. Strength of Materials, 1986, 18, 616-622.	0.2	0
28	Providing the vertical dimension of a self-propelled machine with a rod mechanism for install-ing and fixing the end tower for a mobile ropeway. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2021, 7, 141-152.	0.0	0
29	Probability assessment of tightness loss pressure vessels during risk analysis technical devices for hazardous production facilities. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2021, 7, 227-235.	0.0	0
30	Variants of the layout of the main technological equipment on the base chassis of mobile transport and reloading rope complexes and their comparative analysis. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2021, 7, 236-250.	0.0	0
31	Optimal design of units of conveyor with hanging belt in program complex NX.. Bulletin of Bryansk State Technical University, 2014, 2014, 38-44.	0.1	0
32	Mathematical model of a special conveyor with suspended belt and distributed drive.. Bulletin of Bryansk State Technical University, 2014, 2014, 44-52.	0.1	0
33	MULTI-OBJECTIVE OPTIMIZATION OF THE MAIN DESIGN PARAMETERS OF THE HYDRAULIC CRANE-MANIPULATOR INSTALLATIONS OF MOBILE MACHINES. Russian Automobile and Highway Industry Journal, 2017, , 32-40.	0.2	0
34	Optimal design of the cable metro with unified intermediate supports. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2017, 3, 400-414.	0.0	0
35	Cabin dynamics simulation of â€œRope Metroâ€•transport system. Vestnik of Don State Technical University, 2018, 18, 16-21.	0.4	0
36	Modeling the Dynamic Load of Loader Cranes Metal Structure with Excessive Backlashes in Sections Hinge Joints. International Review of Mechanical Engineering, 2018, 12, 176.	0.1	0

#	Article	IF	Citations
37	DESIGN AND STUDY OF DRIVE SWIVEL JOINTS FOR HYDRAULIC MANIPULATION SYSTEMS OF MOBILE TRANSPORT-TECHNOLOGICAL MACHINES. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2018, 4, 14-30.	0.0	0
38	The influence of anchoring of remote supports on the stability of mobile transport and technological machines equipped with boom lift manipulators. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2018, 4, 152-169.	0.0	0
39	Accelerated optimization evaluation of the main technical characteristics of the passenger aerial ropeway. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2018, 4, 261-271.	0.0	0
40	Modeling of working processes in the throttle-adjustable hydraulic drive of manipulation systems with conjoint movement of links during operation of mobile machines. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2019, 5, 59-82.	0.0	0
41	Impact of Viscoelastic Hinged Dampers on Formation of the Stress State of Mobile Machine Manipulators. International Review on Modelling and Simulations, 2019, 12, 103.	0.2	0
42	Modeling of working processes in the frequency-adjustable hydraulic drive of manipulation systems with separate movement of links during operation of mobile machines. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2019, 5, 187-209.	0.0	0
43	Synthesis of optimal laws for frequency-adjustable hydraulic drives of manipulation systems of mobile machines. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2019, 5, 328-350.	0.0	0
44	Design and evaluation of operational characteristics of energy efficient crane-manipulator installation for mobile transport-technological machines. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2019, 5, 450-461.	0.0	0
45	The operation of hydraulic drives with frequency-throttle regulation for mobile rope complexes with the consistent installation of throttles. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2020, 6, 73-92.	0.0	0
46	Preliminary layout of the main technological equipment of a self-propelled machine with a rod mechanism for installing and fixing the end tower for a mobile ropeway. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2021, 7, 336-347.	0.0	0
47	Simulation of the hydraulic drive operation of the end tower installation mechanism on a self-propelled chassis as part of a mobile ropeway. NauÄno-TehniÄeskij Vestnik BrÃ¢nskogo Gosudarstvennogo Universiteta, 2022, 8, 110-124.	0.0	0