

Sergey S Sokolov

List of Publications by Year in descending order

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65
papers

515
citations

687363

13
h-index

794594

19
g-index

66
all docs

66
docs citations

66
times ranked

121
citing authors

#	ARTICLE	IF	CITATIONS
1	Hard- and Software Implementation of Emergency Prevention System for Maritime Transport. Automation and Remote Control, 2018, 79, 195-202.	0.8	47
2	Dynamics Models of Synchronized Piecewise Linear Discrete Chaotic Systems of High Order. Symmetry, 2019, 11, 236.	2.2	28
3	Algorithmic approach of destabilizing factors of improving the technical systems efficiency. Vibroengineering PROCEDIA, 2017, 13, 261-265.	0.5	26
4	Development of underwater robotics. Journal of Physics: Conference Series, 2017, 803, 012108.	0.4	24
5	Assessment of the Impact of Destabilizing Factors in the Main Engine Shaft of the Adaptive Speed Controller. Procedia Computer Science, 2018, 125, 420-426.	2.0	24
6	The use of Fuzzy Neural Structures to Increase the Reliability of Drilling Platforms. Annals of DAAAM & Proceedings, 2016, , 0672-0677.	0.1	20
7	Algorithmic Support of Optimization of Multicast Data Transmission in Networks with Dynamic Routing. Modern Applied Science, 2015, 9, .	0.6	19
8	Some Methods of Increasing the Efficiency of River Transport System. Procedia Engineering, 2017, 178, 543-550.	1.2	18
9	Information technologies as a way of port activity optimization in conditions of digital economy. E3S Web of Conferences, 2019, 138, 02002.	0.5	18
10	Database problems of maritime transport industry on high load platform. MATEC Web of Conferences, 2018, 239, 03004.	0.2	15
11	Models and Algorithms for Estimation and Minimization of the Risks Associated with Dredging. Transport and Telecommunication, 2017, 18, 139-145.	1.0	14
12	Software and hardware user authentication methods in the information and control systems based on biometrics. IOP Conference Series: Materials Science and Engineering, 2016, 124, 012006.	0.6	13
13	The Safety Assessment of Critical Infrastructure Control System. , 2018, , .		13
14	Process of the Positioning Complex Modeling Objects with Elements of Intellectual Analysis. Procedia Computer Science, 2019, 150, 609-615.	2.0	13
15	Mathematical Models for Solving Problems of Reliability Maritime System. Lecture Notes in Electrical Engineering, 2018, , 387-394.	0.4	13
16	Identification and tracking problems in qualimetry inspections in distributed control systems of drilling platforms. , 2016, , .		12
17	Simulation of In-Sensor Processes in the Sensor " Object System Type when Scanning the Elements of Underwater Communication Lines with a Probe Beam. International Review on Modelling and Simulations, 2017, 10, 363.	0.3	12
18	Review of modern biometric user authentication and their development prospects. IOP Conference Series: Materials Science and Engineering, 2015, 91, 012063.	0.6	10

#	ARTICLE	IF	CITATIONS
19	Using information technologies in dredging. IOP Conference Series: Materials Science and Engineering, 2015, 91, 012064.	0.6	10
20	Complex modeling of power fluctuations stabilization digital control system for parallel operation of gas-diesel generators. , 2016, , .		10
21	Improvement of Methods and Means of Thermal Control of Ship Power Plants. , 2019, , .		10
22	Inland Waterway Environmental Safety. Journal of Physics: Conference Series, 2018, 1015, 042049.	0.4	9
23	Structural components of space as a component of logistic. MATEC Web of Conferences, 2018, 239, 03003.	0.2	9
24	Modeling and optimization of transmission and processing of data in an information computer network. IOP Conference Series: Materials Science and Engineering, 2016, 124, 012080.	0.6	8
25	The automating process of information security management. , 2018, , .		8
26	Applying of E-learning and Distance learning technologies in electronic informational-educational environment in modern university complex. , 2016, , .		7
27	Robust Method for Protecting Electronic Document on Waterway Transport with Steganographic Means by Embedding Digital Watermarks into Images. Procedia Engineering, 2017, 178, 507-514.	1.2	7
28	Calculation of efficiency curve of magnetic hydrocyclone. , 2017, , .		7
29	Optimization Problem of Thermal Field on Surface of Revolving Susceptor in Vapor-Phase Epitaxy Reactor. IOP Conference Series: Earth and Environmental Science, 2017, 87, 082060.	0.3	7
30	Impact of Destabilizing Factors in the Main Engine Shaft of the Adaptive Speed Controller. Procedia Computer Science, 2018, 132, 271-276.	2.0	7
31	Digital maritime container terminal - an element of digitalization of container transportation systems. E3S Web of Conferences, 2020, 203, 05004.	0.5	7
32	Mathematical and information maintenance of biometric systems. IOP Conference Series: Materials Science and Engineering, 2016, 124, 012046.	0.6	6
33	System aspect course of creation of information and analytical system of environmental monitoring and control. IOP Conference Series: Earth and Environmental Science, 2017, 87, 042017.	0.3	6
34	The Algorithm of Development the World Ocean Mining of the Industry During the Global Crisis. IOP Conference Series: Materials Science and Engineering, 2016, 142, 012121.	0.6	5
35	Digitalization as a method of implementation EEU transit potential. E3S Web of Conferences, 2019, 138, 02003.	0.5	5
36	Analysis of the Main Types of Automated Information Systems in the Transport Sector, Functioning Mainly in Urban Agglomerations. , 2021, , .		5

#	ARTICLE	IF	CITATIONS
37	The effect of dredger positioning accuracy on the environment. , 2016, , .		4
38	Providing the integrity and availability in the process of data transfer in the electronic documents management systems of transport-logistical clusters. , 2016, , .		4
39	The Effective Optimization Methods of Port Activity on the Basis of Algorithmic Model. International Journal of Electrical and Computer Engineering, 2017, 7, 3578.	0.7	4
40	Control system of gas and dual fuel engines of generating units by way of accuracy increasing of load allocation. , 2017, , .		4
41	Formation of common legal framework for biometric data security based on contradictions in international legislation. IOP Conference Series: Earth and Environmental Science, 2018, 194, 022039.	0.3	3
42	Study Effect of Geological Parameters of the Slope Stability by Numerical Modelling, Case Limestone Career of Lafargemâ€™sila, Algeria. IOP Conference Series: Earth and Environmental Science, 2019, 221, 012021.	0.3	3
43	The Simulation Model as a Tool for Diagnostics of Operation Equipment. Journal of Engineering Science and Technology Review, 2016, 9, 176-181.	0.4	3
44	Cluster-type models in the logistics industry. International Journal of Engineering and Technology(UAE), 2017, 7, 39.	0.3	2
45	Formation of the Electronic Educational Trajectory for Maritime Students. , 2018, , .		2
46	Freight Forwarding Space as a Component of Transport and Logistic. , 2018, , .		2
47	Categorization of objects of critical information infrastructure of water transport. E3S Web of Conferences, 2019, 110, 02003.	0.5	2
48	Analysis of Automated Transport Information Systems in the Context of Critical Information Infrastructure of the Russian Federation. , 2021, , .		2
49	Assessment of security of confidential information from leak on the acoustic and vibroacoustic channel on the basis of definition and calculation of coefficient of noise contamination and octava coefficient of noise contamination. , 2016, , .		1
50	Using unauthorized access to information based on applets. , 2018, , .		1
51	Providing security for virtual infrastructures based on an integrated mechanism. , 2018, , .		1
52	Impact on Total Costs and Construction Period of Residential Buildings in Prague. IOP Conference Series: Earth and Environmental Science, 2019, 221, 012004.	0.3	1
53	DEVELOPMENT AND ANALYSIS OF MODELS FOR HANDLING BY MARINE TRANSPORT. Far East Journal of Electronics and Communications, 2017, 17, 1253-1264.	0.2	1
54	Implementation of educational programs with digital distance education technologies complying with the requirements for ship crew members. Otkrytoe Obrazovanie (Moskva), 2019, 23, 44-53.	0.3	1

#	ARTICLE	IF	CITATIONS
55	On the issue of categorization of objects of critical information infrastructure of seaports. BezopasnostÉ ¹ Informatiionnyh Tehnologij, 2020, 27, 35-46.	0.1	1
56	Cyberattacks in the Water Transport Industry: Types and Diversity. Lecture Notes in Networks and Systems, 2022, , 1532-1540.	0.7	1
57	Optimization and Calculation of Probability Performances of Processes of Storage and Processing of Refrigerator Containerized Cargoes. IOP Conference Series: Materials Science and Engineering, 2016, 142, 012106.	0.6	0
58	Model of user identification of electronic informational-educational environment. IOP Conference Series: Materials Science and Engineering, 2016, 124, 012066.	0.6	0
59	Simulation model of processes of servicing refrigerated cargoes in the terminal. IOP Conference Series: Materials Science and Engineering, 2016, 124, 012086.	0.6	0
60	Process model development of educational programs using e-learning and distance learning technologies. , 2016, , .		0
61	Imitation model of the coasting ships processing. , 2016, , .		0
62	Investigation of Impact Jets Flow in Heat Sink Device of Closed-Circuit Cooling Systems. IOP Conference Series: Materials Science and Engineering, 2018, 327, 042108.	0.6	0
63	The development of an interactive database for assessing the ecological and geomorphic state of aquatic ecosystems. E3S Web of Conferences, 2021, 258, 01009.	0.5	0
64	Research of the stress-strain state of the container ship deck elements using the Karman differential equation system. Eastern-European Journal of Enterprise Technologies, 2016, 2, 10.	0.5	0
65	Analysis of commodity traffic in the European macro-region. E3S Web of Conferences, 2021, 326, 00030.	0.5	0