Sergey S Sokolov

List of Publications by Year
in descending order

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	Cyberattacks in the Water Transport Industry: Types and Diversity. Lecture Notes in Networks and Systems, 2022, , 1532-1540.	0.7	1
2	Analysis of Automated Transport Information Systems in the Context of Critical Information Infrastructure of the Russian Federation. , 2021, , .		2
3	Analysis of the Main Types of Automated Information Systems in the Transport Sector, Functioning Mainly in Urban Agglomerations. , 2021, , .		5
4	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
5	Analysis of commodity traffic in the European macro-region. E3S Web of Conferences, 2021, 326, 00030.	0.5	0
6	On the issue of categorization of objects of critical information infrastructure of seaports. BezopasnostÊ¹ Informacionnyh Tehnologij, 2020, 27, 35-46.	0.1	1
7	Digital maritime container terminal - an element of digitalization of container transportation systems. E3S Web of Conferences, 2020, 203, 05004.	0.5	7
8	Dynamics Models of Synchronized Piecewise Linear Discrete Chaotic Systems of High Order. Symmetry, 2019, 11, 236.	2.2	28
9	Categorization of objects of critical information infrastructure of water transport. E3S Web of Conferences, 2019, 110, 02003.	0.5	2
10	Improvement of Methods and Means of Thermal Control of Ship Power Plants. , 2019, , .		10
11	Process of the Positioning Complex Modeling Objects with Elements of Intellectual Analysis. Procedia Computer Science, 2019, 150, 609-615.	2.0	13
12	Information technologies as a way of port activity optimization in conditions of digital economy. E3S Web of Conferences, 2019, 138, 02002.	0.5	18
13	Digitalization as a method of implementation EEU transit potential. E3S Web of Conferences, 2019, 138, 02003.	0.5	5
14	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
15	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
16	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
17	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
18	Using unauthorized access to information based on applets. , 2018, , .		1

#	Article	IF	Citations
19	The automating process of information security management. , 2018, , .		8
20	Providing security for virtual infrastructures based on an integrated mechanism. , 2018, , .		1
21	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
22	Inland Waterway Environmental Safety. Journal of Physics: Conference Series, 2018, 1015, 042049.	0.4	9
23	Database problems of maritime transport industry on high load platform. MATEC Web of Conferences, 2018, 239, 03004.	0.2	15
24	Structural components of space as a component of logistic. MATEC Web of Conferences, 2018, 239, 03003.	0.2	9
25	Impact of Destabilizing Factors in the Main Engine Shaft of the Adaptive Speed Controller. Procedia Computer Science, 2018, 132, 271-276.	2.0	7
26	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
27	Formation of the Electronic Educational Trajectory for Maritime Students. , 2018, , .		2
28	The Safety Assessment of Critical Infrastructure Control System. , 2018, , .		13
29	Freight Forwarding Space as a Component of Transport and Logistic. , 2018, , .		2
30	Hard- and Software Implementation of Emergency Prevention System for Maritime Transport. Automation and Remote Control, 2018, 79, 195-202.	0.8	47
31	Mathematical Models for Solving Problems of Reliability Maritime System. Lecture Notes in Electrical Engineering, 2018, , 387-394.	0.4	13
32	Development of underwater robotics. Journal of Physics: Conference Series, 2017, 803, 012108.	0.4	24
33	Models and Algorithms for Estimation and Minimization of the Risks Associated with Dredging. Transport and Telecommunication, 2017, 18, 139-145.	1.0	14
34	Some Methods of Increasing the Efficiency of River Transport System. Procedia Engineering, 2017, 178, 543-550.	1.2	18
35	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
36	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

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37	Calculation of efficiency curve of magnetic hydrocyclone. , 2017, , .		7
38	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
39	Cluster-type models in the logistics industry. International Journal of Engineering and Technology(UAE), 2017, 7, 39.	0.3	2
40	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
41	Simulation of In-Sensor Processes in the Sensor â€" 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
42	DEVELOPMENT AND ANALYSIS OF MODELS FOR HANDLING BY MARINE TRANSPORT. Far East Journal of Electronics and Communications, 2017, 17, 1253-1264.	0.2	1
43	Algorithmic approach of destabilizing factors of improving the technical systems efficiency. Vibroengineering PROCEDIA, 2017, 13, 261-265.	0.5	26
44	Control system of gas and dual fuel engines of generating units by way of accuracy increasing of load allocation. , 2017, , .		4
45	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
46	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
47	Model of user identification of electronic informational-educational environment. IOP Conference Series: Materials Science and Engineering, 2016, 124, 012066.	0.6	0
48	Mathematical and information maintenance of biometric systems. IOP Conference Series: Materials Science and Engineering, 2016, 124, 012046.	0.6	6
49	Simulation model of processes of servicing refrigerated cargoes in the terminal. IOP Conference Series: Materials Science and Engineering, 2016, 124, 012086.	0.6	0
50	Process model development of educational programs using e-learning and distance learning technologies. , 2016, , .		0
51	The effect of dredger positioning accuracy on the environment. , 2016, , .		4
52	Providing the integrity and availability in the process of data transfer in the electronic documents management systems of transport-logistical clusters. , 2016, , .		4
53	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
54	Imitation model of the coasting ships processing. , 2016, , .		0

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55	Applying of E-learning and Distance learning technologies in electronic informational-educational environment in modern university complex. , 2016, , .		7
56	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
57	Identification and tracking problems in qualimetry inspections in distributed control systems of drilling platforms. , 2016, , .		12
58	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
59	Complex modeling of power fluctuations stabilization digital control system for parallel operation of gas-diesel generators. , 2016, , .		10
60	The use of Fuzzy Neural Structures to Increase the Reliability of Drilling Platforms. Annals of DAAAM & Proceedings, 2016, , 0672-0677.	0.1	20
61	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
62	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
63	Review of modern biometric user authentication and their development prospects. IOP Conference Series: Materials Science and Engineering, 2015, 91, 012063.	0.6	10
64	Using information technologies in dredging. IOP Conference Series: Materials Science and Engineering, 2015, 91, 012064.	0.6	10
65	Algorithmic Support of Optimization of Multicast Data Transmission in Networks with Dynamic Routing. Modern Applied Science, 2015, 9, .	0.6	19