

Anatoliy P Nyrkov

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

65
papers

417
citations

12
h-index

16
g-index

81
ext. papers

510
ext. citations

0.5
avg, IF

4.2
L-index

#	Paper	IF	Citations
65	Structural and Logical Model of Transport Maritime Functioning Based on Modeling Information Technology. <i>Economies</i> , 2022 , 10, 5	2	1
64	Error correction algorithms in on-board intelligent transport data transmission systems. <i>Journal of Physics: Conference Series</i> , 2021 , 2061, 012097	0.3	1
63	Countering Cyberattacks During Information Operations. <i>Lecture Notes in Civil Engineering</i> , 2021 , 84-100	0.3	3
62	Use of Social Engineering Methods in Transport: Methods, Protection, Facts, Consequences. <i>Lecture Notes in Civil Engineering</i> , 2021 , 57-66	0.3	
61	Cybernetic Attacks as a Component of Information Operations During the Hybrid Warfare. <i>Lecture Notes in Civil Engineering</i> , 2021 , 67-83	0.3	1
60	Data structures access model for remote shared memory. <i>E3S Web of Conferences</i> , 2021 , 244, 07001	0.5	1
59	The Concept of a Partially Unmanned Sea Convoy 2021 ,		2
58	On the issue of building sea convoys from unmanned ships. <i>E3S Web of Conferences</i> , 2021 , 244, 08013	0.5	1
57	Intelligent autonomous navigation system for UAV in randomly changing environmental conditions. <i>Journal of Intelligent and Fuzzy Systems</i> , 2020 , 38, 6619-6625	1.6	12
56	Numerical Methods for Solving the Problem of Calibrating a Projective Stereo Pair Camera, Optimized for Implementation on FPGA. <i>Procedia Computer Science</i> , 2020 , 167, 2229-2235	1.6	1
55	Dynamic Shared Memory Pool Management Method in Soft Real-Time Systems 2020 ,		1
54	Modeling the Operating Range of the Fire Safety System Response Parameters on Board 2020 ,		1
53	Information System for Monitoring and Analyzing the Technical Condition of Autonomous Vehicles 2020 ,		3
52	Hybrid neural networks in cyber physical system interface control systems 2020 , 9, 1268-1275		12
51	On the issue of categorization of objects of critical information infrastructure of seaports. <i>Bezopasnost? Informacionnyh Tehnologij</i> , 2020 , 27, 35-46	0.1	1
50	Optimal Identification for Objects in Problems on Recognition by Unmanned Underwater Vehicles. <i>Automatic Control and Computer Sciences</i> , 2020 , 54, 958-963	0.7	0
49	Principles of using modern IT trends in maritime shipping. <i>E3S Web of Conferences</i> , 2020 , 203, 05005	0.5	3

48	Cyber Security on Sea Transport. <i>Advances in Intelligent Systems and Computing</i> , 2020 , 481-490	0.4	6
47	Ensuring the Permissible Temperature State of Parts of the Cylinder-Piston Group of Forced Diesels 2019 ,		4
46	About the Problems of Ensuring Information Security on Unmanned Ships 2019 ,		5
45	Trusted Transport Telemetry by Using Distributed Databases 2019 ,		4
44	Dynamics Models of Synchronized Piecewise Linear Discrete Chaotic Systems of High Order. <i>Symmetry</i> , 2019 , 11, 236	2.7	28
43	Impact on Total Costs and Construction Period of Residential Buildings in Prague. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 221, 012004	0.3	
42	Study Effect of Geological Parameters of the Slope Stability by Numerical Modelling, Case Limestone Career of Lafargemilla, Algeria. <i>IOP Conference Series: Earth and Environmental Science</i> , 2019 , 221, 012021	0.3	2
41	Assessment of the Impact of Destabilizing Factors in the Main Engine Shaft of the Adaptive Speed Controller. <i>Procedia Computer Science</i> , 2018 , 125, 420-426	1.6	17
40	Technologies of safety in the bank sphere from cyber attacks 2018 ,		3
39	2018 ,		3
38	Mathematical Models for Solving Problems of Reliability Maritime System. <i>Lecture Notes in Electrical Engineering</i> , 2018 , 387-394	0.2	9
37	Inland Waterway Environmental Safety. <i>Journal of Physics: Conference Series</i> , 2018 , 1015, 042049	0.3	7
36	2018 ,		6
35	Impact of Destabilizing Factors in the Main Engine Shaft of the Adaptive Speed Controller. <i>Procedia Computer Science</i> , 2018 , 132, 271-276	1.6	5
34	Formation of common legal framework for biometric data security based on contradictions in international legislation. <i>IOP Conference Series: Earth and Environmental Science</i> , 2018 , 194, 022039	0.3	2
33	The Safety Assessment of Critical Infrastructure Control System 2018 ,		9
32	Hard- and Software Implementation of Emergency Prevention System for Maritime Transport. <i>Automation and Remote Control</i> , 2018 , 79, 195-202	0.6	37
31	Development of underwater robotics. <i>Journal of Physics: Conference Series</i> , 2017 , 803, 012108	0.3	17

30	Models and Algorithms for Estimation and Minimization of the Risks Associated with Dredging. <i>Transport and Telecommunication</i> , 2017 , 18, 139-145	1.2	10
29	Development of methods to identify risks to build up the automated diagnosis systems 2017 ,		16
28	Some Methods of Increasing the Efficiency of River Transport System. <i>Procedia Engineering</i> , 2017 , 178, 543-550		16
27	Robust Method for Protecting Electronic Document on Waterway Transport with Steganographic Means by Embedding Digital Watermarks into Images. <i>Procedia Engineering</i> , 2017 , 178, 507-514		4
26	Simulink-aided Design and Implementation of Sensorless BLDC Motor Digital Control System. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 221, 012004	0.4	
25	Development and Analysis of Models for Handling the Refrigerated Containerized Cargoes. <i>IOP Conference Series: Materials Science and Engineering</i> , 2017 , 221, 012021	0.4	
24	Mathematical Foundations and Software Simulation of Stress-Strain State of the Plate Container Ship. <i>Lecture Notes in Mechanical Engineering</i> , 2017 , 319-328	0.4	2
23	Optimization Problem of Thermal Field on Surface of Revolving Susceptor in Vapor-Phase Epitaxy Reactor. <i>IOP Conference Series: Earth and Environmental Science</i> , 2017 , 87, 082060	0.3	6
22	Cluster-type models in the logistics industry. <i>International Journal of Engineering and Technology(UAE)</i> , 2017 , 7, 39	0.8	2
21	The Effective Optimization Methods of Port Activity on the Basis of Algorithmic Model. <i>International Journal of Electrical and Computer Engineering</i> , 2017 , 7, 3578	1.4	3
20	Simulation of In-Sensor Processes in the Sensor Object System Type when Scanning the Elements of Underwater Communication Lines with a Probe Beam. <i>International Review on Modelling and Simulations</i> , 2017 , 10, 363	2.6	11
19	Algorithmic approach of destabilizing factors of improving the technical systems efficiency. <i>Vibroengineering PROCEDIA</i> , 2017 , 13, 261-265	0.4	23
18	The Use Robotics for Underwater Research Complex Objects. <i>Advances in Intelligent Systems and Computing</i> , 2017 , 421-427	0.4	21
17	Optimization and Calculation of Probability Performances of Processes of Storage and Processing of Refrigerator Containerized Cargoes. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 142, 012106	0.4	
16	Modeling and optimization of transmission and processing of data in an information computer network. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 124, 012080	0.4	7
15	Identification and tracking problems in qualimetry inspections in distributed control systems of drilling platforms 2016 ,		11
14	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
13	Complex modeling of power fluctuations stabilization digital control system for parallel operation of gas-diesel generators 2016 ,		10

12	The use of Fuzzy Neural Structures to Increase the Reliability of Drilling Platforms. <i>Annals of DAAAM & Proceedings</i> , 2016 , 0672-0677	1.4	12
11	The Simulation Model as a Tool for Diagnostics of Operation Equipment. <i>Journal of Engineering Science and Technology Review</i> , 2016 , 9, 176-181	1.8	2
10	Software and hardware user authentication methods in the information and control systems based on biometrics. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 124, 012006	0.4	10
9	Model of user identification of electronic informational-educational environment. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 124, 012066	0.4	
8	Mathematical and information maintenance of biometric systems. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 124, 012046	0.4	4
7	Simulation model of processes of servicing refrigerated cargoes in the terminal. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 124, 012086	0.4	
6	The effect of dredger positioning accuracy on the environment 2016 ,		3
5	Providing the integrity and availability in the process of data transfer in the electronic documents management systems of transport-logistical clusters 2016 ,		2
4	The Algorithm of Development the World Ocean Mining of the Industry During the Global Crisis. <i>IOP Conference Series: Materials Science and Engineering</i> , 2016 , 142, 012121	0.4	4
3	Review of modern biometric user authentication and their development prospects. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015 , 91, 012063	0.4	5
2	Using information technologies in dredging. <i>IOP Conference Series: Materials Science and Engineering</i> , 2015 , 91, 012064	0.4	7
1	Algorithmic Support of Optimization of Multicast Data Transmission in Networks with Dynamic Routing. <i>Modern Applied Science</i> , 2015 , 9,	1.3	15