

Anatoliy P Nyrkov

List of Publications by Year in descending order

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77
papers

581
citations

686830

13
h-index

752256

20
g-index

81
all docs

81
docs citations

81
times ranked

143
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.	0.4	47
2	Dynamics Models of Synchronized Piecewise Linear Discrete Chaotic Systems of High Order. Symmetry, 2019, 11, 236.	1.1	28
3	Algorithmic approach of destabilizing factors of improving the technical systems efficiency. Vibroengineering PROCEDIA, 2017, 13, 261-265.	0.3	26
4	Development of underwater robotics. Journal of Physics: Conference Series, 2017, 803, 012108.	0.3	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.	1.2	24
6	The Use Robotics for Underwater Research Complex Objects. Advances in Intelligent Systems and Computing, 2017, , 421-427.	0.5	24
7	Development of methods to identify risks to build up the automated diagnosis systems. , 2017, , .		23
8	The use of Fuzzy Neural Structures to Increase the Reliability of Drilling Platforms. Annals of DAAAM & Proceedings, 2016, , 0672-0677.	0.1	20
9	Algorithmic Support of Optimization of Multicast Data Transmission in Networks with Dynamic Routing. Modern Applied Science, 2015, 9, .	0.4	19
10	Intelligent autonomous navigation system for UAV in randomly changing environmental conditions. Journal of Intelligent and Fuzzy Systems, 2020, 38, 6619-6625.	0.8	19
11	Some Methods of Increasing the Efficiency of River Transport System. Procedia Engineering, 2017, 178, 543-550.	1.2	18
12	Hybrid neural networks in cyber physical system interface control systems. Bulletin of Electrical Engineering and Informatics, 2020, 9, 1268-1275.	0.6	18
13	Models and Algorithms for Estimation and Minimization of the Risks Associated with Dredging. Transport and Telecommunication, 2017, 18, 139-145.	0.7	14
14	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.	0.3	13
15	The Safety Assessment of Critical Infrastructure Control System. , 2018, , .		13
16	Mathematical Models for Solving Problems of Reliability Maritime System. Lecture Notes in Electrical Engineering, 2018, , 387-394.	0.3	13
17	Identification and tracking problems in qualimetry inspections in distributed control systems of drilling platforms. , 2016, , .		12
18	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.	0.2	12

#	ARTICLE	IF	CITATIONS
19	Review of modern biometric user authentication and their development prospects. IOP Conference Series: Materials Science and Engineering, 2015, 91, 012063.	0.3	10
20	Using information technologies in dredging. IOP Conference Series: Materials Science and Engineering, 2015, 91, 012064.	0.3	10
21	Complex modeling of power fluctuations stabilization digital control system for parallel operation of gas-diesel generators. , 2016, , .		10
22	Databases Problems for Maritime Transport Industry on Platform Highload. , 2018, , .		10
23	Cyber Security on Sea Transport. Advances in Intelligent Systems and Computing, 2020, , 481-490.	0.5	10
24	Inland Waterway Environmental Safety. Journal of Physics: Conference Series, 2018, 1015, 042049.	0.3	9
25	About the Problems of Ensuring Information Security on Unmanned Ships. , 2019, , .		9
26	Modeling and optimization of transmission and processing of data in an information computer network. IOP Conference Series: Materials Science and Engineering, 2016, 124, 012080.	0.3	8
27	Trusted Transport Telemetry by Using Distributed Databases. , 2019, , .		8
28	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
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.	0.2	7
30	Aggregation process for implementation of application security management based on risk assessment. , 2018, , .		7
31	Impact of Destabilizing Factors in the Main Engine Shaft of the Adaptive Speed Controller. Procedia Computer Science, 2018, 132, 271-276.	1.2	7
32	Mathematical and information maintenance of biometric systems. IOP Conference Series: Materials Science and Engineering, 2016, 124, 012046.	0.3	6
33	Principles of using modern IT trends in maritime shipping. E3S Web of Conferences, 2020, 203, 05005.	0.2	6
34	Information System for Monitoring and Analyzing the Technical Condition of Autonomous Vehicles. , 2020, , .		6
35	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.	0.3	5
36	Technologies of safety in the bank sphere from cyber attacks. , 2018, , .		5

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37	Ensuring the Permissible Temperature State of Parts of the Cylinder-Piston Group of Forced Diesels. , 2019, , .		5
38	The Concept of a Partially Unmanned Sea Convoy. , 2021, , .		5
39	The effect of dredger positioning accuracy on the environment. , 2016, , .		4
40	Providing the integrity and availability in the process of data transfer in the electronic documents management systems of transport-logistical clusters. , 2016, , .		4
41	Investigation of Computer Incidents as an Important Component in the Security of Maritime Transportation. , 2021, , .		4
42	The Effective Optimization Methods of Port Activity on the Basis of Algorithmic Model. International Journal of Electrical and Computer Engineering, 2017, 7, 3578.	0.5	4
43	MODEL OF THE SYSTEM PROVIDING INFORMATION SECURITY ON TRANSPORT. Vestnik Gosudarstvennogo Universiteta Morskogo I Rechnogo Flota Imeni Admirala S O Makarova, 2015, 7, 184-193.	0.1	4
44	Countering Cyberattacks During Information Operations. Lecture Notes in Civil Engineering, 2021, , 84-100.	0.3	4
45	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.	0.2	3
46	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.	0.2	3
47	Dynamic Shared Memory Pool Management Method in Soft Real-Time Systems. , 2020, , .		3
48	Data structures access model for remote shared memory. E3S Web of Conferences, 2021, 244, 07001.	0.2	3
49	The Simulation Model as a Tool for Diagnostics of Operation Equipment. Journal of Engineering Science and Technology Review, 2016, 9, 176-181.	0.2	3
50	Optimal Identification for Objects in Problems on Recognition by Unmanned Underwater Vehicles. Automatic Control and Computer Sciences, 2020, 54, 958-963.	0.4	3
51	Structural and Logical Model of Transport Maritime Functioning Based on Modeling Information Technology. Economies, 2022, 10, 5.	1.2	3
52	Cluster-type models in the logistics industry. International Journal of Engineering and Technology(UAE), 2017, 7, 39.	0.2	2
53	Modeling the Operating Range of the Fire Safety System Response Parameters on Board. , 2020, , .		2
54	On the issue of building sea convoys from unmanned ships. E3S Web of Conferences, 2021, 244, 08013.	0.2	2

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55	Search methods for abnormal activities of web applications. Scientific and Technical Journal of Information Technologies, Mechanics and Optics, 2020, 20, 233-242.	0.1	2
56	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
57	Impact on Total Costs and Construction Period of Residential Buildings in Prague. IOP Conference Series: Earth and Environmental Science, 2019, 221, 012004.	0.2	1
58	Numerical Methods for Solving the Problem of Calibrating a Projective Stereo Pair Camera, Optimized for Implementation on FPGA. Procedia Computer Science, 2020, 167, 2229-2235.	1.2	1
59	3d Image Compression with Variable Fragments. , 2021, , .		1
60	DEVELOPMENT AND ANALYSIS OF MODELS FOR HANDLING BY MARINE TRANSPORT. Far East Journal of Electronics and Communications, 2017, 17, 1253-1264.	0.2	1
61	On the issue of categorization of objects of critical information infrastructure of seaports. BezopasnostĖ ¹ Informacionnyh Tehnologij, 2020, 27, 35-46.	0.1	1
62	Error correction algorithms in on-board intelligent transport data transmission systems. Journal of Physics: Conference Series, 2021, 2061, 012097.	0.3	1
63	Developing a Reliable Information Storage Scheme Within a Partially Unmanned Maritime Convoy. , 2022, , .		1
64	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.	0.3	0
65	Model of user identification of electronic informational-educational environment. IOP Conference Series: Materials Science and Engineering, 2016, 124, 012066.	0.3	0
66	Simulation model of processes of servicing refrigerated cargoes in the terminal. IOP Conference Series: Materials Science and Engineering, 2016, 124, 012086.	0.3	0
67	Process model development of educational programs using e-learning and distance learning technologies. , 2016, , .		0
68	Imitation model of the coasting ships processing. , 2016, , .		0
69	Simulink-aided Design and Implementation of Sensorless BLDC Motor Digital Control System. IOP Conference Series: Materials Science and Engineering, 2017, 221, 012004.	0.3	0
70	Development and Analysis of Models for Handling the Refrigerated Containerized Cargoes. IOP Conference Series: Materials Science and Engineering, 2017, 221, 012021.	0.3	0
71	Analysis of platform vulnerabilities for the virtualization process. , 2018, , .		0
72	THE SIGNS DETECTION ALGORITHM IN SHIP RECOGNITION SOLUTION. Vestnik Gosudarstvennogo Universiteta Morskogo I Rechnogo Flota Imeni Admirala S O Makarova, 2015, 7, 187-192.	0.1	0

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73	THE USE OF THE CORRELATIVE APPROACH FOR DETERMINING THE VOICE QUALITY OF INFORMATION WHICH WAS REGISTERED BY THE "LASER MICROPHONE". Vestnik Gosudarstvennogo Universiteta Morskogo I Rechnogo Flota Imeni Admirala S O Makarova, 2015, 7, 187-195.	0.1	0
74	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.	0.3	0
75	ALGORITHMS AND SOFTWARE OF SIMULATION MODELING OF THE COASTING SHIPS PROCESSING. Vestnik Gosudarstvennogo Universiteta Morskogo I Rechnogo Flota Imeni Admirala S O Makarova, 2016, 8, 190-200.	0.1	0
76	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, 465.	0.2	0
77	Use of Social Engineering Methods in Transport: Methods, Protection, Facts, Consequences. Lecture Notes in Civil Engineering, 2021, , 57-66.	0.3	0