

Andrei Vladyko

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

568
citations

840119

11
h-index

794141

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g-index

56
all docs

56
docs citations

56
times ranked

381
citing authors

#	ARTICLE	IF	CITATIONS
1	Distributed Edge Computing with Blockchain Technology to Enable Ultra-Reliable Low-Latency V2X Communications. Electronics (Switzerland), 2022, 11, 173.	1.8	12
2	Seamless Handover Scheme for MEC/SDN-Based Vehicular Networks. Journal of Sensor and Actuator Networks, 2022, 11, 9.	2.3	12
3	Minimizing Delays in the Interaction of Edge Devices Using Clustering in VANETs. Proceedings of Telecommunication Universities, 2022, 8, 6-13.	0.1	3
4	V2X-based Intersection Priority Management. , 2021, , .		2
5	Towards Practical Applications in Modeling Blockchain System. Future Internet, 2021, 13, 125.	2.4	6
6	Vehicles Positioning with the Fusion of Time of Arrival, Angle of Arrival and Inertial Measurements in the Extended Kalman Filter. Proceedings of Telecommunication Universities, 2021, 7, 51-67.	0.1	2
7	A STUDY OF THE V2X MULTISERVICE APPLICATIONS. Elektrosvyaz, 2021, , .	0.1	0
8	Vehicles Tracking in 5G-V2X UDN using Range, Bearing and Inertial Measurements. , 2021, , .		6
9	SDN-assisted Unmanned Aerial System for Monitoring Sensor Data. , 2020, , .		4
10	V2I Propagation Loss Predictions in Simplified Urban Environment: A Two-Way Parabolic Equation Approach. Electronics (Switzerland), 2020, 9, 2011.	1.8	7
11	Method of early pedestrian warning in developing intelligent transportation system infrastructure. Transportation Research Procedia, 2020, 50, 708-715.	0.8	14
12	Technological Aspects of Blockchain Application for Vehicle-to-Network. Information (Switzerland), 2020, 11, 465.	1.7	29
13	Blockchain Models to Improve the Service Security on Board Communications. , 2020, , .		2
14	The Vehicles Positioning in Ultra-Dense 5G/V2X Radio Access Networks Using the Extended Kalman Filter. Proceedings of Telecommunication Universities, 2020, 6, 45-59.	0.1	4
15	Implementation of the Communication Network for the Multi-Agent Robotic Systems. , 2020, , 523-538.		0
16	Models of QOE ensuring for OTT services. , 2019, , .		4
17	Unmanned aerial systemâ€™assisted wilderness search and rescue mission. International Journal of Distributed Sensor Networks, 2019, 15, 155014771985071.	1.3	26
18	Forecasting Issues of Wireless Communication Networksâ€™™ Cyber Resilience for An Intelligent Transportation System: An Overview of Cyber Attacks. Information (Switzerland), 2019, 10, 27.	1.7	21

#	ARTICLE	IF	CITATIONS
19	Distributed Edge Computing to Assist Ultra-Low-Latency VANET Applications. <i>Future Internet</i> , 2019, 11, 128.	2.4	33
20	A Secure SDN Framework Based on Ultra-Low Power Microcontrollers. , 2019, , .		0
21	An Application of LoRa Technology for SD-IoV Network. , 2019, , .		4
22	Comparative Analysis of Parabolic Equation Method and Longley-Rice Propagation Model. , 2019, , .		0
23	Path Loss Modelling in Millimeter Wave Radio Channel by the Parabolic Equation Method. <i>Proceedings of Telecommunication Universities</i> , 2019, 5, 108-116.	0.1	0
24	Combine method of forecasting VANET cybersecurity for application of high priority way. , 2018, , .		2
25	VANET/ITS cybersecurity threats: Analysis, categorization and forecasting. , 2018, , .		4
26	On Application of Parabolic Equation Method to Propagation Modeling in Millimeter-Wave Bands. , 2018, , .		3
27	Split-step Padé Approximations of the Helmholtz Equation for Radio Coverage Prediction over Irregular Terrain. , 2018, , .		7
28	Implementation of Software-Defined Network Nodes Based on Ultra-Low Power Microcontrollers for VANET. , 2018, , .		3
29	Metric of vulnerability at the base of the life cycle of software representations. , 2018, , .		5
30	A Priority-Based Multichannel MAC to Support the Non-Safety Applications in SCH Interval at RSU in V2I Communication. <i>Transport and Telecommunication</i> , 2018, 19, 269-283.	0.7	1
31	The Use of UAVs, SDN, and Augmented Reality for VANET Applications. <i>DEStech Transactions on Computer Science and Engineering</i> , 2018, , .	0.1	6
32	A MULTI-CRITERIA PRIORITY-BASED V2I COMMUNICATION FOR INFORMATION DISSEMINATION AT RSU IN VANET. <i>JP Journal of Heat and Mass Transfer</i> , 2018, SV2018, 195-203.	0.1	1
33	Software-defined routing in convergent LTE/WiFi networks. , 2017, , .		1
34	High-level vulnerabilities of software-defined networking in the context of telecommunication network evolution. , 2017, , .		6
35	Analysis and Performance Evaluation of SDN Queue Model. <i>Lecture Notes in Computer Science</i> , 2017, , 26-37.	1.0	23
36	Software-defined architecture for flying ubiquitous sensor networking. , 2017, , .		23

#	ARTICLE	IF	CITATIONS
37	Testing of utilities for finding vulnerabilities in the machine code of telecommunication devices. , 2017, , .		1
38	OpenFlow switch buffer configuration method. , 2017, , .		5
39	Centralized control of traffic flows in wireless LANs based on the SDN concept. , 2017, , .		3
40	Software Defined Internet of Things: Cyber Antifragility and Vulnerability Forecast. , 2017, , .		8
41	Interaction of the IoT Traffic Generated by a Smart City Segment with SDN Core Network. Lecture Notes in Computer Science, 2017, , 115-126.	1.0	28
42	Experimental testbed for access point selection in IoT WiFi networks. Proceedings of Telecommunication Universities, 2017, 3, 102-112.	0.1	0
43	Implementation of the Communication Network for the Multi-Agent Robotic Systems. International Journal of Embedded and Real-Time Communication Systems, 2016, 7, 48-63.	0.3	15
44	Method and prototype of utility for partial recovering source code for low-level and medium-level vulnerability search. , 2016, , .		1
45	Comprehensive SDN Testing Based on Model Network. Lecture Notes in Computer Science, 2016, , 539-549.	1.0	28
46	The life cycle of vulnerabilities in the representations of software for telecommunication devices. , 2016, , .		4
47	Model networks for Internet of Things and SDN. , 2016, , .		15
48	Model networks for Internet of Things and SDN. , 2016, , .		24
49	Using the IEEE 802.11 Family of Standards for Communication between Robotic Systems. , 2016, , .		3
50	Analysis of object positioning accuracy provided by range-finding systems of various types. Russian Aeronautics, 2015, 58, 401-406.	0.1	4
51	Method for partial recovering source code of telecommunication devices for vulnerability search. , 2015, , .		5
52	State of the Art and Research Challenges for Public Flying Ubiquitous Sensor Networks. Lecture Notes in Computer Science, 2015, , 299-308.	1.0	58
53	A fuzzy logic-based information security management for software-defined networks. , 2014, , .		78