

Andrei Vladyko

List of Publications by Year in descending order

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Version: 2024-02-01

53
papers

568
citations

840119

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h-index

794141

19
g-index

56
all docs

56
docs citations

56
times ranked

381
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | A fuzzy logic-based information security management for software-defined networks. , 2014, , . | | 78 |
| 2 | State of the Art and Research Challenges for Public Flying Ubiquitous Sensor Networks. Lecture Notes in Computer Science, 2015, , 299-308. | 1.0 | 58 |
| 3 | Distributed Edge Computing to Assist Ultra-Low-Latency VANET Applications. Future Internet, 2019, 11, 128. | 2.4 | 33 |
| 4 | Technological Aspects of Blockchain Application for Vehicle-to-Network. Information (Switzerland), 2020, 11, 465. | 1.7 | 29 |
| 5 | Comprehensive SDN Testing Based on Model Network. Lecture Notes in Computer Science, 2016, , 539-549. | 1.0 | 28 |
| 6 | 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 |
| 7 | Unmanned aerial systemâ€assisted wilderness search and rescue mission. International Journal of Distributed Sensor Networks, 2019, 15, 155014771985071. | 1.3 | 26 |
| 8 | Model networks for Internet of Things and SDN. , 2016, , . | | 24 |
| 9 | Analysis and Performance Evaluation of SDN Queue Model. Lecture Notes in Computer Science, 2017, , 26-37. | 1.0 | 23 |
| 10 | Software-defined architecture for flying ubiquitous sensor networking. , 2017, , . | | 23 |
| 11 | 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 |
| 12 | 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 |
| 13 | Model networks for Internet of Things and SDN. , 2016, , . | | 15 |
| 14 | Method of early pedestrian warning in developing intelligent transportation system infrastructure. Transportation Research Procedia, 2020, 50, 708-715. | 0.8 | 14 |
| 15 | Distributed Edge Computing with Blockchain Technology to Enable Ultra-Reliable Low-Latency V2X Communications. Electronics (Switzerland), 2022, 11, 173. | 1.8 | 12 |
| 16 | Seamless Handover Scheme for MEC/SDN-Based Vehicular Networks. Journal of Sensor and Actuator Networks, 2022, 11, 9. | 2.3 | 12 |
| 17 | Software Defined Internet of Things: Cyber Antifragility and Vulnerability Forecast. , 2017, , . | | 8 |
| 18 | Split-step PadÃ© Approximations of the Helmholtz Equation for Radio Coverage Prediction over Irregular Terrain. , 2018, , . | | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | V2I Propagation Loss Predictions in Simplified Urban Environment: A Two-Way Parabolic Equation Approach. Electronics (Switzerland), 2020, 9, 2011. | 1.8 | 7 |
| 20 | High-level vulnerabilities of software-defined networking in the context of telecommunication network evolution. , 2017, , . | | 6 |
| 21 | Towards Practical Applications in Modeling Blockchain System. Future Internet, 2021, 13, 125. | 2.4 | 6 |
| 22 | The Use of UAVs, SDN, and Augmented Reality for VANET Applications. DEStech Transactions on Computer Science and Engineering, 2018, , . | 0.1 | 6 |
| 23 | Vehicles Tracking in 5G-V2X UDN using Range, Bearing and Inertial Measurements. , 2021, , . | | 6 |
| 24 | Method for partial recovering source code of telecommunication devices for vulnerability search. , 2015, , . | | 5 |
| 25 | OpenFlow switch buffer configuration method. , 2017, , . | | 5 |
| 26 | Metric of vulnerability at the base of the life cycle of software representations. , 2018, , . | | 5 |
| 27 | Analysis of object positioning accuracy provided by range-finding systems of various types. Russian Aeronautics, 2015, 58, 401-406. | 0.1 | 4 |
| 28 | The life cycle of vulnerabilities in the representations of software for telecommunication devices. , 2016, , . | | 4 |
| 29 | VANET/ITS cybersecurity threats: Analysis, categorization and forecasting. , 2018, , . | | 4 |
| 30 | Models of QOE ensuring for OTT services. , 2019, , . | | 4 |
| 31 | An Application of LoRa Technology for SD-IoV Network. , 2019, , . | | 4 |
| 32 | SDN-assisted Unmanned Aerial System for Monitoring Sensor Data. , 2020, , . | | 4 |
| 33 | 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 |
| 34 | Centralized control of traffic flows in wireless LANs based on the SDN concept. , 2017, , . | | 3 |
| 35 | On Application of Parabolic Equation Method to Propagation Modeling in Millimeter-Wave Bands. , 2018, , . | | 3 |
| 36 | Implementation of Software-Defined Network Nodes Based on Ultra-Low Power Microcontrollers for VANET. , 2018, , . | | 3 |

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|----|---|-----|-----------|
| 37 | Using the IEEE 802.11 Family of Standards for Communication between Robotic Systems. , 2016, , . | | 3 |
| 38 | Minimizing Delays in the Interaction of Edge Devices Using Clustering in VANETs. Proceedings of Telecommunication Universities, 2022, 8, 6-13. | 0.1 | 3 |
| 39 | Combine method of forecasting VANET cybersecurity for application of high priority way. , 2018, , . | | 2 |
| 40 | Blockchain Models to Improve the Service Security on Board Communications. , 2020, , . | | 2 |
| 41 | V2X-based Intersection Priority Management. , 2021, , . | | 2 |
| 42 | 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 |
| 43 | Method and prototype of utility for partial recovering source code for low-level and medium-level vulnerability search. , 2016, , . | | 1 |
| 44 | Software-defined routing in convergent LTE/WiFi networks. , 2017, , . | | 1 |
| 45 | Testing of utilities for finding vulnerabilities in the machine code of telecommunication devices. , 2017, , . | | 1 |
| 46 | A Priority-Based Multichannel Mac to Support the Non-Safety Applications in SCH Interval at RSU in V2I Communication. Transport and Telecommunication, 2018, 19, 269-283. | 0.7 | 1 |
| 47 | A MULTI-CRITERIA PRIORITY-BASED V2I COMMUNICATION FOR INFORMATION DISSEMINATION AT RSU IN VANET. JP Journal of Heat and Mass Transfer, 2018, SV2018, 195-203. | 0.1 | 1 |
| 48 | A Secure SDN Framework Based on Ultra-Low Power Microcontrollers. , 2019, , . | | 0 |
| 49 | Comparative Analysis of Parabolic Equation Method and Longleyâ€“Rice Propagation Model. , 2019, , . | | 0 |
| 50 | A STUDY OF THE V2X MULTISERVICE APPLICATIONS. Elektrosvyaz, 2021, , . | 0.1 | 0 |
| 51 | Experimental testbed for access point selection in IoT WiFi networks. Proceedings of Telecommunication Universities, 2017, 3, 102-112. | 0.1 | 0 |
| 52 | Path Loss Modelling in Millimeter Wave Radio Chanel by the Parabolic Equation Method. Proceedings of Telecommunication Universities, 2019, 5, 108-116. | 0.1 | 0 |
| 53 | Implementation of the Communication Network for the Multi-Agent Robotic Systems. , 2020, , 523-538. | | 0 |