Dragan Perakovic

List of Publications by Year
in descending order

62 papers	770 citations	687363 13 h-index	580821 25 g-index
74 all docs	74 docs citations	74 times ranked	423 citing authors

#	Article	IF	Citations
1	Methodology for Detecting Cyber Intrusions in e-Learning Systems during COVID-19 Pandemic. Mobile Networks and Applications, 2023, 28, 231-242.	3.3	9
2	Boosting-Based DDoS Detection in Internet of Things Systems. IEEE Internet of Things Journal, 2022, 9, 2109-2123.	8.7	75
3	Innovative ecosystem for informing visual impaired person in smart shopping environment: InnIoTShop. Wireless Networks, 2022, 28, 469-479.	3.0	7
4	A review of optical networking technologies supporting 5G communication infrastructure. Wireless Networks, 2022, 28, 459-467.	3.0	9
5	Artificial intelligence empowered emails classifier for Internet of Things based systems in industry 4.0. Wireless Networks, 2022, 28, 493-503.	3.0	20
6	UAV Forensics: DJI Mavic Air Noninvasive Data Extraction and Analysis. EAI/Springer Innovations in Communication and Computing, 2022, , 115-127.	1.1	2
7	A Survey on Emerging Security Issues, Challenges, and Solutions for Internet of Things (IoTs). Advances in Information Security, Privacy, and Ethics Book Series, 2022, , 148-175.	0.5	1
8	Machine Learning for Malware Analysis. Advances in Information Security, Privacy, and Ethics Book Series, 2022, , 1-18.	0.5	0
9	Challenges of Improving the Railway Passenger Information System in the Republic of Croatia. EAI/Springer Innovations in Communication and Computing, 2022, , 143-158.	1.1	1
10	A Model of UAV-Based Waste Monitoring System for Urban Areas. Lecture Notes in Networks and Systems, 2022, , 309-319.	0.7	3
11	Novel approach for detection of IoT generated DDoS traffic. Wireless Networks, 2021, 27, 1573-1586.	3.0	50
12	Analysis of IoT Concept Applications: Smart Home Perspective. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 167-180.	0.3	4
13	Challenges of Industrial Engineering, Management and ICT. Wireless Networks, 2021, 27, 1557-1559.	3.0	5
14	A Model for Working Environment Monitoring in Smart Manufacturing. Applied Sciences (Switzerland), 2021, 11, 2850.	2.5	20
15	Novel Classification of IoT Devices Based on Traffic Flow Features. Journal of Organizational and End User Computing, 2021, 33, 1-20.	2.9	23
16	Information and Communication Architecture of the Passenger Information System on the Railway Network of the Republic of Croatia. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2021, , 268-283.	0.3	0
17	Ensemble machine learning approach for classification of IoT devices in smart home. International Journal of Machine Learning and Cybernetics, 2021, 12, 3179-3202.	3.6	131
18	Security of Cloud-Based Medical Internet of Things (MIoTs). International Journal of Software Science and Computational Intelligence, 2021, 14, 1-16.	3.0	41

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19	Challenges and Issues of ICT in Industry 4.0. Lecture Notes in Mechanical Engineering, 2020, , 259-269.	0.4	15
20	Development and Implementation Possibilities of 5G in Industry 4.0. Lecture Notes in Mechanical Engineering, 2020, , 166-175.	0.4	6
21	ANALYSIS OF PRODUCT CONFIGURATORS USED IN THE MASS CUSTOMIZATION PRODUCTION. Acta Logistica, 2020, 7, 195-200.	0.6	2
22	INFORMATION AND COMMUNICATION TECHNOLOGIES FOR THE SOCIETY 5.0 ENVIRONMENT. , 2020, , .		8
23	Business Process Modeling in Industry 4.0 Using Transformation Accelerator Tool. EAI/Springer Innovations in Communication and Computing, 2020, , 231-248.	1.1	1
24	Internet of Things Concept for Informing Visually Impaired Persons in Smart Factory Environments. EAI/Springer Innovations in Communication and Computing, 2019, , 69-86.	1.1	6
25	BEACON TECHNOLOGY FOR REAL-TIME INFORMING THE TRAFFIC NETWORK USERS ABOUT THE ENVIRONMENT. Transport, 2019, 34, 373-382.	1.2	17
26	An Overview of Distributed Denial of Service Traffic Detection Approaches. Promet - Traffic - Traffico, 2019, 31, 453-464.	0.7	15
27	Data Traffic Offload from Mobile to Wi-Fi Networks: Behavioural Patterns of Smartphone Users. Wireless Communications and Mobile Computing, 2018, 2018, 1-13.	1.2	5
28	Analysis of Wireless Routers Vulnerabilities Applied in the Contemporary Networks. , 2018, , .		2
29	Internet of things concept for informing visually impaired persons in indoor environments. , 2018, , .		2
30	Smart Home IoT Traffic Characteristics as a Basis for DDoS Traffic Detection. , 2018, , .		12
31	The impact of Indusi technology on disruption of interoperability in European rail traffic. , 2018, , .		0
32	The Impact of Using Modern Information and Communication Equipment and Services on Driving Safety. Promet - Traffic - Traffico, 2018, 30, 635-645.	0.7	1
33	Innovative services for informing visually impaired persons in indoor environments. EAI Endorsed Transactions on Internet of Things, 2018, 4, 156720.	1.1	4
34	Network parameters applicable in detection of infrastructure level DDoS attacks. , 2017, , .		0
35	Information and Communication System for informing Users in Traffic Environment â€" SaforA. , 2017, , .		3
36	Model for detection and classification of DDoS traffic based on artificial neural network. Telfor Journal, 2017, 9, 26-31.	0.7	20

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37	An Overview of the Cyber Security Strategic Management in Republic of Croatia. , 2017, , .		0
38	Using mobile devices while driving in Croatia â€" preliminary analysis. , 2017, , .		0
39	Laboratory Testing of Active and Passive UHF RFID Tags. Transport and Telecommunication, 2016, 17, 144-154.	1.0	10
40	Artificial neuron network implementation in detection and classification of DDoS traffic. , 2016, , .		15
41	Hedonic modeling to explore the relationship of cell phone plan price and quality in Croatia. Telematics and Informatics, 2016, 33, 1057-1070.	5.8	4
42	Relevant Affect Factors of Smartphone Mobile Data Traffic. Promet - Traffic - Traffico, 2016, 28, 435-444.	0.7	3
43	Identification and Prediction of User Behavior Depending on the Context of the Use of Smart Mobile Devices. Annals of DAAAM & Proceedings, 2016, , 0462-0469.	0.1	3
44	Employeeâ€™s awareness on security aspects of use bring your own device paradigm in Republic of Croatia. , 2016, , .		0
45	Optimizing Data Traffic Route for Maritime Vessels Communications. Procedia Engineering, 2015, 100, 1286-1293.	1.2	4
46	Search and Rescue Radar Transponder under Dynamic Operating Conditions. Nase More, 2015, 62, 278-282.	0.5	0
47	Telematics System in Usage Based Motor Insurance. Procedia Engineering, 2015, 100, 816-825.	1.2	87
48	Model of guidance for visually impaired persons in the traffic network. Transportation Research Part F: Traffic Psychology and Behaviour, 2015, 31, 1-11.	3.7	11
49	ADAPTIVE TECHNOLOGIES FOR THE BLIND AND VISUAL IMPAIRED PERSONS IN THE TRAFFIC NETWORK. Transport, 2015, 30, 247-252.	1.2	11
50	Possibilities of using Location-based Services in the Public Bicycle Systems. , 2015, , .		1
51	Web 2.0 services for informing elderly people: Web for Health. , 2015, , .		0
52	Total Cost of Ownership Model for Three-part Cell Phone Plans. , 2015, , .		0
53	IoT infrastructure as a basis for new information services in the ITS environment. , 2014, , .		8
54	Possibilities of Using Speech Recognition Systems of Smart Terminal Devices in Traffic Environment. Procedia Engineering, 2014, 69, 778-787.	1.2	20

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55	Contribution to ECDIS Reliability using Markov Model. Transactions on Maritime Science, 2014, 3, 149-157.	0.6	2
56	Conceptual Model of Providing Traffic Navigation Services to Visually Impaired Persons. Promet - Traffic - Traffico, 2014, 26, 209-218.	0.7	10
57	Interdependence between Inventory Management and Employees' Satisfaction. Promet - Traffic - Traffico, 2013, 25, 245-254.	0.7	0
58	Modelling of System for Transport and Traffic Information Management in Republic of Croatia. , 2012, , .		1
59	Cutting Edge Research in New Technologies. , 2012, , .		15
60	Research of Security Threats in the Use of Modern Terminal Devices. Annals of DAAAM & Proceedings, 2012, , 0545-0548.	0.1	2
61	Model of the New LMS Generation with User-Created Content. , 2010, , .		0
62	Load Control for Overloaded MPLS/DiffServ Networks during SLA Negotiation. International Journal of Communications, Network and System Sciences, 2009, 02, 422-432.	0.6	0