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	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
2	Telematics System in Usage Based Motor Insurance. Procedia Engineering, 2015, 100, 816-825.	1.2	87
3	Boosting-Based DDoS Detection in Internet of Things Systems. IEEE Internet of Things Journal, 2022, 9, 2109-2123.	8.7	75
4	Novel approach for detection of IoT generated DDoS traffic. Wireless Networks, 2021, 27, 1573-1586.	3.0	50
5	Security of Cloud-Based Medical Internet of Things (MIoTs). International Journal of Software Science and Computational Intelligence, 2021, 14, 1-16.	3.0	41
6	Novel Classification of IoT Devices Based on Traffic Flow Features. Journal of Organizational and End User Computing, 2021, 33, 1-20.	2.9	23
7	Possibilities of Using Speech Recognition Systems of Smart Terminal Devices in Traffic Environment. Procedia Engineering, 2014, 69, 778-787.	1.2	20
8	A Model for Working Environment Monitoring in Smart Manufacturing. Applied Sciences (Switzerland), 2021, 11, 2850.	2.5	20
9	Artificial intelligence empowered emails classifier for Internet of Things based systems in industry 4.0. Wireless Networks, 2022, 28, 493-503.	3.0	20
10	Model for detection and classification of DDoS traffic based on artificial neural network. Telfor Journal, 2017, 9, 26-31.	0.7	20
11	BEACON TECHNOLOGY FOR REAL-TIME INFORMING THE TRAFFIC NETWORK USERS ABOUT THE ENVIRONMENT. Transport, 2019, 34, 373-382.	1.2	17
12	Artificial neuron network implementation in detection and classification of DDoS traffic. , 2016, , .		15
13	Challenges and Issues of ICT in Industry 4.0. Lecture Notes in Mechanical Engineering, 2020, , 259-269.	0.4	15
14	Cutting Edge Research in New Technologies. , 2012, , .		15
15	An Overview of Distributed Denial of Service Traffic Detection Approaches. Promet - Traffic - Traffico, 2019, 31, 453-464.	0.7	15
16	Smart Home IoT Traffic Characteristics as a Basis for DDoS Traffic Detection. , 2018, , .		12
17	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
18	ADAPTIVE TECHNOLOGIES FOR THE BLIND AND VISUAL IMPAIRED PERSONS IN THE TRAFFIC NETWORK. Transport, 2015, 30, 247-252.	1.2	11

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19	Laboratory Testing of Active and Passive UHF RFID Tags. Transport and Telecommunication, 2016, 17, 144-154.	1.0	10
20	Conceptual Model of Providing Traffic Navigation Services to Visually Impaired Persons. Promet - Traffic - Traffico, 2014, 26, 209-218.	0.7	10
21	A review of optical networking technologies supporting 5G communication infrastructure. Wireless Networks, 2022, 28, 459-467.	3.0	9
22	Methodology for Detecting Cyber Intrusions in e-Learning Systems during COVID-19 Pandemic. Mobile Networks and Applications, 2023, 28, 231-242.	3.3	9
23	IoT infrastructure as a basis for new information services in the ITS environment. , 2014, , .		8
24	INFORMATION AND COMMUNICATION TECHNOLOGIES FOR THE SOCIETY 5.0 ENVIRONMENT. , 2020, , .		8
25	Innovative ecosystem for informing visual impaired person in smart shopping environment: InnIoTShop. Wireless Networks, 2022, 28, 469-479.	3.0	7
26	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
27	Development and Implementation Possibilities of 5G in Industry 4.0. Lecture Notes in Mechanical Engineering, 2020, , 166-175.	0.4	6
28	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
29	Challenges of Industrial Engineering, Management and ICT. Wireless Networks, 2021, 27, 1557-1559.	3.0	5
30	Optimizing Data Traffic Route for Maritime Vessels Communications. Procedia Engineering, 2015, 100, 1286-1293.	1.2	4
31	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
32	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
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	Information and Communication System for informing Users in Traffic Environment â€" SaforA. , 2017, , .		3
35	Relevant Affect Factors of Smartphone Mobile Data Traffic. Promet - Traffic - Traffico, 2016, 28, 435-444.	0.7	3
36	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

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37	A Model of UAV-Based Waste Monitoring System for Urban Areas. Lecture Notes in Networks and Systems, 2022, , 309-319.	0.7	3
38	UAV Forensics: DJI Mavic Air Noninvasive Data Extraction and Analysis. EAI/Springer Innovations in Communication and Computing, 2022, , 115-127.	1.1	2
39	Analysis of Wireless Routers Vulnerabilities Applied in the Contemporary Networks. , 2018, , .		2
40	ANALYSIS OF PRODUCT CONFIGURATORS USED IN THE MASS CUSTOMIZATION PRODUCTION. Acta Logistica, 2020, 7, 195-200.	0.6	2
41	Internet of things concept for informing visually impaired persons in indoor environments. , 2018, , .		2
42	Contribution to ECDIS Reliability using Markov Model. Transactions on Maritime Science, 2014, 3, 149-157.	0.6	2
43	Research of Security Threats in the Use of Modern Terminal Devices. Annals of DAAAM & Proceedings, 2012, , 0545-0548.	0.1	2
44	Modelling of System for Transport and Traffic Information Management in Republic of Croatia. , 2012, , .		1
45	Possibilities of using Location-based Services in the Public Bicycle Systems. , 2015, , .		1
46	The Impact of Using Modern Information and Communication Equipment and Services on Driving Safety. Promet - Traffic - Traffico, 2018, 30, 635-645.	0.7	1
47	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
48	Business Process Modeling in Industry 4.0 Using Transformation Accelerator Tool. EAI/Springer Innovations in Communication and Computing, 2020, , 231-248.	1.1	1
49	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
50	Model of the New LMS Generation with User-Created Content. , 2010, , .		0
51	Search and Rescue Radar Transponder under Dynamic Operating Conditions. Nase More, 2015, 62, 278-282.	0.5	0
52	Network parameters applicable in detection of infrastructure level DDoS attacks. , 2017, , .		0
53	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
54	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

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55	Interdependence between Inventory Management and Employeesâ€™ Satisfaction. Promet - Traffic - Traffico, 2013, 25, 245-254.	0.7	0
56	Web 2.0 services for informing elderly people: Web for Health. , 2015, , .		0
57	Total Cost of Ownership Model for Three-part Cell Phone Plans. , 2015, , .		0
58	Employeeâ€™s awareness on security aspects of use bring your own device paradigm in Republic of Croatia. , 2016, , .		0
59	An Overview of the Cyber Security Strategic Management in Republic of Croatia. , 2017, , .		0
60	Using mobile devices while driving in Croatia â€" preliminary analysis. , 2017, , .		0
61	The impact of Indusi technology on disruption of interoperability in European rail traffic. , 2018, , .		0
62	Machine Learning for Malware Analysis. Advances in Information Security, Privacy, and Ethics Book Series, 2022, , 1-18.	0.5	0