Ivan CvitiÄ‡

List of Publications by Year
in descending order

37	565	10	22
papers	citations	h-index	g-index

933447

677142

45	45	45	281
all docs	docs citations	times ranked	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	Boosting-Based DDoS Detection in Internet of Things Systems. IEEE Internet of Things Journal, 2022, 9, 2109-2123.	8.7	75
3	Determinants of mobile phone ownership in Nigeria. Telecommunications Policy, 2019, 43, 101812.	5.3	52
4	Novel approach for detection of IoT generated DDoS traffic. Wireless Networks, 2021, 27, 1573-1586.	3.0	50
5	Novel Classification of IoT Devices Based on Traffic Flow Features. Journal of Organizational and End User Computing, 2021, 33, 1-20.	2.9	23
6	Conceptual model for informing user with innovative smart wearable device in industry 4.0. Wireless Networks, 2021, 27, 1615-1626.	3.0	20
7	Artificial intelligence empowered emails classifier for Internet of Things based systems in industry 4.0. Wireless Networks, 2022, 28, 493-503.	3.0	20
8	Model for detection and classification of DDoS traffic based on artificial neural network. Telfor Journal, 2017, 9, 26-31.	0.7	20
9	BEACON TECHNOLOGY FOR REAL-TIME INFORMING THE TRAFFIC NETWORK USERS ABOUT THE ENVIRONMENT. Transport, 2019, 34, 373-382.	1.2	17
10	Artificial neuron network implementation in detection and classification of DDoS traffic. , 2016, , .		15
11	An Overview of Distributed Denial of Service Traffic Detection Approaches. Promet - Traffic - Traffico, 2019, 31, 453-464.	0.7	15
12	Smart Home IoT Traffic Characteristics as a Basis for DDoS Traffic Detection. , 2018, , .		12
13	Spammer Detection Approaches in Online Social Network (OSNs): A Survey. EAI/Springer Innovations in Communication and Computing, 2022, , 159-180.	1.1	12
14	A review of optical networking technologies supporting 5G communication infrastructure. Wireless Networks, 2022, 28, 459-467.	3.0	9
15	Methodology for Detecting Cyber Intrusions in e-Learning Systems during COVID-19 Pandemic. Mobile Networks and Applications, 2023, 28, 231-242.	3.3	9
16	IoT infrastructure as a basis for new information services in the ITS environment. , 2014, , .		8
17	INFORMATION AND COMMUNICATION TECHNOLOGIES FOR THE SOCIETY 5.0 ENVIRONMENT. , 2020, , .		8
18	Security and Privacy of Cloud-Based Online Online Social Media: A Survey. EAI/Springer Innovations in Communication and Computing, 2022, , 213-236.	1.1	8

#	Article	IF	Citations
19	Innovative ecosystem for informing visual impaired person in smart shopping environment: InnIoTShop. Wireless Networks, 2022, 28, 469-479.	3.0	7
20	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
21	Development and Implementation Possibilities of 5G in Industry 4.0. Lecture Notes in Mechanical Engineering, 2020, , 166-175.	0.4	6
22	Model of Hybrid Electric Vehicle with Two Energy Sources. Electronics (Switzerland), 2022, 11, 1993.	3.1	5
23	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
24	Application of innovative smart wearable device in industry 4.0. , 2018, , .		4
25	Relevant Affect Factors of Smartphone Mobile Data Traffic. Promet - Traffic - Traffico, 2016, 28, 435-444.	0.7	3
26	Challenges of Information and Communication Technologies Usage in E-Business Systems. , 0, , .		2
27	UAV Forensics: DJI Mavic Air Noninvasive Data Extraction and Analysis. EAI/Springer Innovations in Communication and Computing, 2022, , 115-127.	1.1	2
28	Internet of things concept for informing visually impaired persons in indoor environments. , 2018, , .		2
29	Social Network Customer Requirements Analysis for Visually Impaired People. , 2016, , .		1
30	Business Process Modeling in Industry 4.0 Using Transformation Accelerator Tool. EAI/Springer Innovations in Communication and Computing, 2020, , 231-248.	1.1	1
31	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
32	Network parameters applicable in detection of infrastructure level DDoS attacks. , 2017, , .		0
33	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
34	Web 2.0 services for informing elderly people: Web for Health. , 2015, , .		0
35	Exploring Digital Divide in Mobile Phone Ownership: Evidence from Nigeria. , 2017, , .		0
36	Using mobile devices while driving in Croatia â€" preliminary analysis. , 2017, , .		0

#	Article	IF	Citations
37	Overview: Operating Systems of Modern Terminal Devices. , 2018, , .		0