Ahmad Y Javaid

List of Publications by Year
in descending order

50	1,603	623188	552369
papers	citations	14	26
		h-index	g-index

52	52	52	1585
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	A Deep Learning Approach for Network Intrusion Detection System. , 2016, , .		522
2	Cyber security threat analysis and modeling of an unmanned aerial vehicle system. , 2012, , .		188
3	A Deep Learning Based DDoS Detection System in Software-Defined Networking (SDN). EAI Endorsed Transactions on Security and Safety, 2017, 4, 153515.	0.5	119
4	Facial Emotion Recognition: A Survey and Real-World User Experiences in Mixed Reality. Sensors, 2018, 18, 416.	2.1	105
5	Application specific drone simulators: Recent advances and challenges. Simulation Modelling Practice and Theory, 2019, 94, 100-117.	2.2	80
6	Evolving Rule-Based Explainable Artificial Intelligence for Unmanned Aerial Vehicles. IEEE Access, 2019, 7, 17001-17016.	2.6	54
7	A Near Real-Time Automatic Speaker Recognition Architecture for Voice-Based User Interface. Machine Learning and Knowledge Extraction, 2019, 1, 504-520.	3.2	43
8	Common Metrics to Benchmark Human-Machine Teams (HMT): A Review. IEEE Access, 2018, 6, 38637-38655.	2.6	40
9	Recognition of Emotion Intensities Using Machine Learning Algorithms: A Comparative Study. Sensors, 2019, 19, 1897.	2.1	38
10	A comprehensive micro unmanned aerial vehicle (UAV/Drone) forensic framework. Digital Investigation, 2019, 30, 52-72.	3.2	37
11	UAVSim: A simulation testbed for unmanned aerial vehicle network cyber security analysis. , 2013, , .		29
12	A Multimodal Facial Emotion Recognition Framework through the Fusion of Speech with Visible and Infrared Images. Multimodal Technologies and Interaction, 2020, 4, 46.	1.7	28
13	Analysis of Global Positioning System-based attacks and a novel Global Positioning System spoofing detection/mitigation algorithm for unmanned aerial vehicle simulation. Simulation, 2017, 93, 427-441.	1.1	24
14	Recent advances and challenges in uncertainty visualization: a survey. Journal of Visualization, 2021, 24, 861-890.	1.1	24
15	Man-in-the-Middle (MITM) Attack Based Hijacking of HTTP Traffic Using Open Source Tools. , 2018, , .		23
16	Efficient spam detection across Online Social Networks. , 2016, , .		21
17	A low-cost solution for unmanned aerial vehicle navigation in a global positioning system–denied environment. International Journal of Distributed Sensor Networks, 2018, 14, 155014771878175.	1.3	21
18	NATICUSdroid: A malware detection framework for Android using native and custom permissions. Journal of Information Security and Applications, 2021, 58, 102696.	1.8	20

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19	An efficient compression scheme based on adaptive thresholding in wavelet domain using particle swarm optimization. Signal Processing: Image Communication, 2015, 32, 33-39.	1.8	19
20	Distributed network traffic feature extraction for a real-time IDS. , 2016, , .		18
21	An Upper Bound on PHY-Layer Key Generation for Secure Communications Over a Nakagami-M Fading Channel With Asymmetric Additive Noise. IEEE Access, 2018, 6, 28137-28149.	2.6	15
22	Effects of Voice-Based Synthetic Assistant on Performance of Emergency Care Provider in Training. International Journal of Artificial Intelligence in Education, 2019, 29, 122-143.	3.9	15
23	Drone Forensics: Digital Flight Log Examination Framework for Micro Drones. , 2017, , .		14
24	Machine Learning-based Primary User Emulation Attack Detection In Cognitive Radio Networks using Pattern Described Link-Signature (PDLS). , 2019, , .		10
25	A Survey on Databases for Multimodal Emotion Recognition and an Introduction to the VIRI (Visible) Tj ETQq1 1 0.784314 rgBT /Over	1.7	10
26	Development of Cognitive Training Program With EEG Headset. IEEE Access, 2019, 7, 126191-126200.	2.6	9
27	A Real-World Password Cracking Demonstration Using Open Source Tools for Instructional Use. , 2018, , .		8
28	IVACS: I ntelligent V oice A ssistant for C oronavirus Disease (COVID-19) S elf-Assessment. , 2020, , .		6
29	Design and implementation of a customized encryption algorithm for authentication and secure communication between devices. , 2017, , .		5
30	Detection and Identification of Background Sounds to Improvise Voice Interface in Critical Environments. , 2018, , .		5
31	Comparative Analysis of Simulation and Real-World Energy Consumption for Battery-Life Estimation of Low-Power IoT (Internet of Things) Deployment in Varying Environmental Conditions Using Zolertia Z1 Motes. Lecture Notes of the Institute for Computer Sciences, Social-Informatics and Telecommunications Engineering, 2017, , 137-148.	0.2	5
32	Performance evaluation of VoIP broadcasting over LTE for varying speeds and distances of mobile nodes. , 2014, , .		4
33	A Google Chromium Browser Extension for Detecting XSS Attack in HTML5 Based Websites. , 2018, , .		4
34	Network Traffic-Based Hybrid Malware Detection for Smartphone and Traditional Networked Systems. , 2019, , .		4
35	Link-Signature-Based Discriminatory Channel Estimation (LS-DCE) for Physical Layer Security in Stationary and Mobile OFDM Transceivers. IEEE Transactions on Vehicular Technology, 2020, 69, 8119-8131.	3.9	4
36	Multimedia Transmission for V2X Communication over Legacy LTE-A Network Infrastructure - A Performance Evaluation. , 2020, , .		4

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37	Intelligent channel sensing based secure cross layer cognitive networking for resilient space communication. , 2016, , .		3
38	Novel Human-in-the-Loop (HIL) Simulation Method to Study Synthetic Agents and Standardize Humanâ€"Machine Teams (HMT). Applied Sciences (Switzerland), 2020, 10, 8390.	1.3	3
39	Single and Multiple UAV Cyber-Attack Simulation and Performance Evaluation. EAI Endorsed Transactions on Scalable Information Systems, 2015, 2, e4.	0.8	3
40	Game theoretic solution for an Unmanned Aerial Vehicle network host under DDoS attack. Computer Networks, 2022, 211, 108962.	3.2	3
41	An Architecture Concept for Cognitive Space Communication Networks. , 2016, , .		2
42	Multi-modal data fusion of Voice and EMG data for robotic control. , 2017, , .		2
43	Game Theoretic Strategies for an Unmanned Aerial Vehicle Network Host Under DDoS Attack. , 2019, , .		2
44	Performance Investigation of Polar Codes over Nakagami-M Fading and Real Wireless Channel Measurements. Lecture Notes in Computer Science, 2019, , 285-296.	1.0	2
45	Normal and anomalous traffic flow pattern analysis for organizational networks. , 2017, , .		1
46	Study on State-of-the-art Cloud Services Integration Capabilities with Autonomous Ground Vehicles. , 2018, , .		1
47	A Web-Based Lightweight Testbed for Supporting Network Security Hands-on Labs. , 2018, , .		1
48	GNSSim: An Open Source GNSS/GPS Framework for Unmanned Aerial Vehicular Network Simulation. EAI Endorsed Transactions on Mobile Communications and Applications, 2015, 2, 150091.	0.5	1
49	Software Cracking: An Exploration of the Physical Realities of Software. , 2018, , .		0
50	Machine Learning-based PHY-authentication for Mobile OFDM Transceivers. , 2020, , .		0