Mohammed Amin Almaiah

List of Publications by Year
in descending order

61 papers	3,068 citations	126858 33 h-index	175177 52 g-index
62 all docs	62 docs citations	62 times ranked	1076 citing authors

#	Article	IF	Citations
1	Multi-agent Systems for Distributed Data Mining Techniques: An Overview. Studies in Computational Intelligence, 2022, , 57-92.	0.7	5
2	Big Data Based Smart Blockchain for Information Retrieval in Privacy-Preserving Healthcare System. Studies in Computational Intelligence, 2022, , 279-296.	0.7	7
3	An Industrial IoT-Based Blockchain-Enabled Secure Searchable Encryption Approach for Healthcare Systems Using Neural Network. Sensors, 2022, 22, 572.	2.1	81
4	An Acceptance Model of Using Mobile-Government Services (AMGS). CMES - Computer Modeling in Engineering and Sciences, 2022, 131, 865-880.	0.8	3
5	Factors Influencing the Adoption of Big Data Analytics in the Digital Transformation Era: Case Study of Jordanian SMEs. Sustainability, 2022, 14, 1802.	1.6	90
6	A Novel Hybrid Trustworthy Decentralized Authentication and Data Preservation Model for Digital Healthcare IoT Based CPS. Sensors, 2022, 22, 1448.	2.1	70
7	Perception of Occupational and Environmental Risks and Hazards among Mineworkers: A Psychometric Paradigm Approach. International Journal of Environmental Research and Public Health, 2022, 19, 3371.	1.2	29
8	A Lightweight Hybrid Deep Learning Privacy Preserving Model for FC-Based Industrial Internet of Medical Things. Sensors, 2022, 22, 2112.	2.1	47
9	Explaining the Factors Affecting Studentsâ€™ Attitudes to Using Online Learning (Madrasati Platform) during COVID-19. Electronics (Switzerland), 2022, 11, 973.	1.8	40
10	Propose a New Quality Model for M-Learning Application in Light of COVID-19. Mobile Information Systems, 2022, 2022, 1-12.	0.4	8
11	A Conceptual Framework for Determining Quality Requirements for Mobile Learning Applications Using Delphi Method. Electronics (Switzerland), 2022, 11, 788.	1.8	40
12	A Neighborhood and Machine Learning-Enabled Information Fusion Approach for the WSNs and Internet of Medical Things. Computational Intelligence and Neuroscience, 2022, 2022, 1-14.	1.1	3
13	Employing the TAM Model to Investigate the Readiness of M-Learning System Usage Using SEM Technique. Electronics (Switzerland), 2022, 11, 1259.	1.8	45
14	Smart Mobile Learning Success Model for Higher Educational Institutions in the Context of the COVID-19 Pandemic. Electronics (Switzerland), 2022, 11, 1278.	1.8	45
15	Business Sustainability of Small and Medium Enterprises during the COVID-19 Pandemic: The Role of AIS Implementation. Sustainability, 2022, 14, 5362.	1.6	43
16	Exposure Detection Applications Acceptance: The Case of COVID-19. International Journal of Environmental Research and Public Health, 2022, 19, 7307.	1.2	37
17	Actual Use of Mobile Learning Technologies during Social Distancing Circumstances: Case Study of King Faisal University Students. Sustainability, 2022, 14, 7323.	1.6	45
18	The Role of Quality Measurements in Enhancing the Usability of Mobile Learning Applications during COVID-19. Electronics (Switzerland), 2022, 11, 1951.	1.8	30

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19	Crowd-reflecting: a counterproductive experience of Arab adult learning via technology. Studies in Continuing Education, 2021, 43, 86-103.	1.2	2
20	Multi-Agent System Combined With Distributed Data Mining for Mutual Collaboration Classification. IEEE Access, 2021, 9, 70531-70547.	2.6	17
21	Exploring the Main Determinants of Mobile Learning Application Usage During Covid-19 Pandemic in Jordanian Universities. Studies in Systems, Decision and Control, 2021, , 275-290.	0.8	17
22	A New Scheme for Detecting Malicious Attacks in Wireless Sensor Networks Based on Blockchain Technology. Studies in Big Data, 2021, , 217-234.	0.8	16
23	For Sustainable Application of Mobile Learning: An Extended UTAUT Model to Examine the Effect of Technical Factors on the Usage of Mobile Devices as a Learning Tool. Sustainability, 2021, 13, 1856.	1.6	67
24	Sustainable Applications of Smart-Government Services: A Model to Understand Smart-Government Adoption. Sustainability, 2021, 13, 3028.	1.6	21
25	Cybersecurity Concerns in Smart-phones and applications: A survey. , 2021, , .		18
26	Cyber Security Threats in Cloud: Literature Review. , 2021, , .		33
27	Machine Learning Classifiers for Network Intrusion Detection System: Comparative Study. , 2021, , .		26
28	Cybersecurity in Smart City: A Systematic Mapping Study. , 2021, , .		24
29	A Conceptual Model to Investigate the Role of Mobile Game Applications in Education during the COVID-19 Pandemic. Electronics (Switzerland), 2021, 10, 2106.	1.8	20
30	Predicting the Acceptance of Mobile Learning Applications During COVID-19 Using Machine Learning Prediction Algorithms. Studies in Systems, Decision and Control, 2021, , 319-332.	0.8	19
31	Classification of Cyber Security Threats on Mobile Devices and Applications. Studies in Big Data, 2021, , 107-123.	0.8	23
32	Examining the Factors Influencing the Mobile Learning Applications Usage in Higher Education during the COVID-19 Pandemic. Electronics (Switzerland), 2021, 10, 2676.	1.8	37
33	Secure Health Monitoring Communication Systems Based on IoT and Cloud Computing for Medical Emergency Applications. Computational Intelligence and Neuroscience, 2021, 2021, 1-23.	1.1	40
34	Factors Affecting Studentsâ€™ Acceptance of Mobile Learning Application in Higher Education during COVID-19 Using ANN-SEM Modelling Technique. Electronics (Switzerland), 2021, 10, 3121.	1.8	17
35	Factors influencing the adoption of e-government services among Jordanian citizens. Electronic Government, 2020, 16, 236.	0.1	31
36	Improving Energy Efficiency With Content-Based Adaptive and Dynamic Scheduling in Wireless Sensor Networks. IEEE Access, 2020, 8, 176495-176520.	2.6	46

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37	An Energy Proficient Load Balancing Routing Scheme for Wireless Sensor Networks to Maximize Their Lifespan in an Operational Environment. IEEE Access, 2020, 8, 163209-163224.	2.6	62
38	The Role of Compatibility and Task-Technology Fit (TTF): On Social Networking Applications (SNAs) Usage as Sustainability in Higher Education. IEEE Access, 2020, 8, 161668-161681.	2.6	49
39	Social Media Applications Affecting Studentsâ€™ Academic Performance: A Model Developed for Sustainability in Higher Education. Sustainability, 2020, 12, 6471.	1.6	74
40	An Efficient Load Balancing Scheme of Energy Gauge Nodes to Maximize the Lifespan of Constraint Oriented Networks. IEEE Access, 2020, 8, 148510-148527.	2.6	43
41	Analysis the Effect of Different Factors on the Development of Mobile Learning Applications at Different Stages of Usage. IEEE Access, 2020, 8, 16139-16154.	2.6	45
42	MAC-AODV Based Mutual Authentication Scheme for Constraint Oriented Networks. IEEE Access, 2020, 8, 44459-44469.	2.6	47
43	Investigating the main determinants of mobile cloud computing adoption in university campus. Education and Information Technologies, 2020, 25, 3087-3107.	3.5	63
44	Mobile Government Adoption Model Based on Combining GAM and UTAUT to Explain Factors According to Adoption of Mobile Government Services. International Journal of Interactive Mobile Technologies, 2020, 14, 199.	0.7	40
45	An Anonymous Channel Categorization Scheme of Edge Nodes to Detect Jamming Attacks in Wireless Sensor Networks. Sensors, 2020, 20, 2311.	2.1	56
46	Exploring the critical challenges and factors influencing the E-learning system usage during COVID-19 pandemic. Education and Information Technologies, 2020, 25, 5261-5280.	3.5	512
47	A new hybrid text encryption approach over mobile ad hoc network. International Journal of Electrical and Computer Engineering, 2020, 10, 6461.	0.5	31
48	Factors Influencing the Adoption of E-government Services among Jordanian Citizens. Electronic Government, 2020, 16, 1.	0.1	3
49	Thematic Analysis for Classifying the Main Challenges and Factors Influencing the Successful Implementation of E-learning System Using NVivo. International Journal of Advanced Trends in Computer Science and Engineering, 2020, 9, 142-152.	0.6	32
50	An Efficient Smart Weighted and Neighborhood-enabled Load Balancing Scheme for Constraint Oriented Networks. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.5	0
51	Improved Security Particle Swarm Optimization (PSO) Algorithm to Detect Radio Jamming Attacks in Mobile Networks. International Journal of Advanced Computer Science and Applications, 2020, 11, .	0.5	19
52	Multilayer Neural Network based on MIMO and Channel Estimation for Impulsive Noise Environment in Mobile Wireless Networks. International Journal of Advanced Trends in Computer Science and Engineering, 2020, 9, 315-321.	0.6	9
53	Towards a Model of Quality Features for Mobile Social Networks Apps in Learning Environments: An Extended Information System Success Model. International Journal of Interactive Mobile Technologies, 2019, 13, 75.	0.7	34
54	Applying the UTAUT Model to Explain the Studentsâ€™ Acceptance of Mobile Learning System in Higher Education. IEEE Access, 2019, 7, 174673-174686.	2.6	160

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55	Analysis of the Effect of Course Design, Course Content Support, Course Assessment and Instructor Characteristics on the Actual Use of E-Learning System. IEEE Access, 2019, 7, 171907-171922.	2.6	96
56	Examination of factors influencing the use of mobile learning system: An empirical study. Education and Information Technologies, 2019, 24, 885-909.	3.5	118
57	Analysis of the essential factors affecting of intention to use of mobile learning applications: A comparison between universities adopters and non-adopters. Education and Information Technologies, 2019, 24, 1433-1468.	3.5	81
58	Malay Language Mobile Learning System (MLMLS) using NFC Technology. International Journal of Education and Management Engineering, 2018, 8, 1-7.	0.8	22
59	Empirical investigation to explore factors that achieve high quality of mobile learning system based on studentsâ€™ perspectives. Engineering Science and Technology, an International Journal, 2016, 19, 1314-1320.	2.0	63
60	Extending the TAM to examine the effects of quality features on mobile learning acceptance. Journal of Computers in Education, 2016, 3, 453-485.	5.0	151
61	Investigating Students' Perceptions on Mobile Learning Services. International Journal of Interactive Mobile Technologies, 2014, 8, 31.	0.7	41