



Dr.HUSSAIN MAHDI

University of Diyala
 \ College of Engineering \ Department of
 Computer Engineering
 Computer Network
 Communication System
 MANET and VANET
 IOT

	All	Since 2018
Citations	305	287
h-index	11	11
i10-index	12	12

TITLE	CITED BY	YEAR
Performance Analysis of QoS in MANET based on IEEE 802.11 b MM Hamdi, AS Mustafa, HF Mahd, MS Abood, C Kumar, MA Al-shareeda 2020 IEEE international conference for innovation in technology (INOCON), 1-5	27	2020
Performance evaluation for vehicular ad-hoc networks based routing protocols HF Mahdi, MS Abood, MM Hamdi Bulletin of Electrical Engineering and Informatics 10 (2), 1080-1091	24	2021
Routing protocol in a hybrid sensor and vehicular network for different mobility scenario MA Altahrawi, M Ismail, H Mahdi, N Ramli 2017 IEEE 13th Malaysia international conference on communications (MICC ...	23	2017
Post-IFFT-modified selected mapping to reduce the PAPR of an OFDM system MA Taher, MJ Singh, M Ismail, SA Samad, MT Islam, HF Mahdi Circuits, Systems, and Signal Processing 34, 535-555	23	2015
VANET: towards security issues review AS Mustafa, MM Hamdi, HF Mahdi, MS Abood 2020 IEEE 5th international symposium on telecommunication technologies ...	20	2020
Performance comparison of turbo codes with LDPC codes and with BCH codes for forward error correcting codes MH Alwan, M Singh, HF Mahdi 2015 IEEE Student Conference on Research and Development (SCoReD), 556-560	13	2015
A review on various security attacks in vehicular ad hoc networks MM Hamdi, L Audah, MS Abood, SA Rashid, AS Mustafa, H Mahdi, ... Bulletin of Electrical Engineering and Informatics 10 (5), 2627-2635	12	2021
Review on secure data aggregation in Wireless Sensor Networks MS Abood, H Wang, HF Mahdi, MM Hamdi, AS Abdullah IOP Conference Series: Materials Science and Engineering 1076 (1), 012053	12	2021
A review on queue management algorithms in large networks MM Hamdi, HF Mahdi, MS Abood, RQ Mohammed, AD Abbas, ... IOP Conference Series: Materials Science and Engineering 1076 (1), 012034	12	2021
Review on sliding mode controller and its modified types for rehabilitation robots SF Ahmed, Y Raza, HF Mahdi, WMW Muhamad, MK Joyo, A Shah, ... 2019 IEEE 6th International Conference on Engineering Technologies and ...	12	2019

TITLE	CITED BY	YEAR
Performance of AODV and OLSR routing protocols in VANET under various traffic scenarios AK Basil, M Ismail, MA Altahrawi, H Mahdi, N Ramli 2017 IEEE 13th Malaysia International Conference on Communications (MICC ...	12	2017
Performance comparison between 802.11 and 802.11 p for high speed vehicle in VANET MH Alwan, KN Ramli, YA Al-Jawher, AZ Sameen, HF Mahdi International Journal of Electrical and Computer Engineering 9 (5), 3687	10	2019
Efficient rate adaptation algorithm in high-dense vehicular ad hoc network W Al Chaab, M Ismail, MA Altahrawi, H Mahdi, N Ramli 2017 IEEE 13th Malaysia International Conference on Communications (MICC), 23-28	8	2017
Vehicular Networks Performance Evaluation Based on Downlink Scheduling Algorithms for High-Speed Long Term Evolution--Vehicle. H Mahdi, B Al-Bander, MH Alwan, MS Abood, MM Hamdi International Journal of Interactive Mobile Technologies 15 (21)	7	2021
Job descriptions keyword extraction using attention based deep learning models with bert HF Mahdi, R Dagli, A Mustufa, S Nanivadekar 2021 3rd International Congress on Human-Computer Interaction, Optimization ...	7	2021
Standalone PV systems for rural areas in Sabah, Malaysia: Review and case study application AH Alwaeli, HF Mahdi International Journal of Computation and Applied Sciences 2 (1), 42-45	7	2017
Benchmarking of deep learning algorithms for skin cancer detection based on ahybrid framework of entropy and VIKOR techniques B Al-Bander, QM Yas, H Mahdi, RKS Al-Hamd Turkish Journal of Electrical Engineering and Computer Sciences 29 (8), 2634 ...	6	2021
Simulation of Rectangular Microstrip antenna by integrating MATLAB in visual Basic HF Mahdi Diyala Journal of engineering sciences 3 (01), 16-24	6	2010
Quality evaluation in Guavas using deep learning architectures: an experimental review T Choudhury, HF Mahdi, A Agarwal, A Chakraborty, ... 2022 International Congress on Human-Computer Interaction, Optimization and ...	5	2022
Multi-criteria decision support system for lung cancer prediction B Al-Bander, YA Fadil, H Mahdi IOP Conference Series: Materials Science and Engineering 1076 (1), 012036	5	2021
Freshness Classification of Hog Plum Fruit Using Deep Learning VR Arunachalaeshwaran, HF Mahdi, T Choudhury, T Sarkar, BP Bhuyan 2022 International Congress on Human-Computer Interaction, Optimization and ...	4	2022
Large-Scale Textual Datasets and Deep Learning for the Prediction of Depressed Symptoms S Chakraborty, HF Mahdi, MH Ali Al-Abyadh, K Pant, A Sharma, F Ahmadi Computational Intelligence and Neuroscience 2022	4	2022

TITLE	CITED BY	YEAR
Block Chain and IoT Architecture S Chhabra, P Mor, HF Mahdi, T Choudhury Blockchain Applications in IoT Ecosystem, 15-27	4	2021
Electromagnetism-like algorithm-based parameters estimation of double-diode PV-module model HT Haider, DH Muhsen, HF Mahdi IOP Conference Series: Materials Science and Engineering 1076 (1), 012002	4	2021
Comparison of channel state information estimation using slm and clipping-based papr reduction methods HF Mahdi, M Ismail, R Nordin Procedia Technology 11, 955-961	4	2013
A novel simple algorithm to enhance the peak to average ratio of MC-CDMA system MA Taher, JS Mandeep, M Ismail, HF Mahdi, MT Islam, AH Shallal 2011 IEEE International Conference on Signal and Image Processing ...	4	2011
Social and web analytics: An analytical case study on Twitter data HK Sharma, T Choudhury, HF Mahdi Decision Intelligence Analytics and the Implementation of Strategic Business ...	3	2022
Literature survey and comprehensive study on channel estimation of Wimax system HF Mahdi, M Ismail, R Nordin International Journal of Advancements in Computing Technology 5 (15), 31	3	2013
Blind technique to lower the PAPR of the MC-CDMA system without complexity MA Taher, JS Mandeep, M Ismail, HF Mahdi The 17th Asia Pacific Conference on Communications, 688-691	3	2011
Analysis of Agriculture and Food Supply Chain through Blockchain and IoT with Light Weight Cluster Head AH Adow, MK Shrivasa, HF Mahdi, MMA Zahra, D Verma, NV Doohan, ... Computational Intelligence and Neuroscience 2022	2	2022
The analysis of Teletraffic and Handover Performance in Cellular System MS Abood, AS Mustafa, HF Mahdi, AFA Mohammed, MM Hamdi, ... 2021 3rd International Congress on Human-Computer Interaction, Optimization ...	2	2021
Black/Gray Holes Detection Tools in MANET: comparison and analysis MS Abood, HF Mahdi, MM Hamdi, OJ Ibrahim, RQ Mohammed, ... 2020 IEEE 7th International Conference on Engineering Technologies and ...	2	2020
Muscle fatigue detection and analysis using EMG sensor SF Ahmed, MK Joyo, HF Mahdi, IJ Kiwarkis 2020 IEEE 7th International Conference on Engineering Technologies and ...	2	2020
An overview on binary and non-binary codes and challenges in low parity-check-density HF Mahdi, MM Hamdi, MS Abood, AJ Abdulelah, RQ Mohammed 2020 4th international symposium on multidisciplinary studies and innovative ...	2	2020
Qos-aware SNR Admission Control Mechanism MH Alwan, KN Ramli, AZA Alhasan, HF Sameen	2	2019

TITLE	CITED BY	YEAR
Journal of Theoretical and Applied Information Technology 97 (3), 994-1007		
A real time algorithm for the machine to machine communication-smart warrior system C Kumar, HF Mahdi 2017 IEEE 13th Malaysia International Conference on Communications (MICC ...	2	2017
Smart City Driven by AI and Data Mining: The Need of Urbanization SK Rajput, T Choudhury, HK Sharma, HF Mahdi Emerging Technologies in Data Mining and Information Security: Proceedings ...	1	2022
A Comparision of Node Detection Algorithms Over Wireless Sensor Network HF Mahdi, MH Alwan, B Al-Bander, A Zuhair International Journal of Interactive Mobile Technologies (IJIM) 16 (07), 38-53	1	2022
Soft computing techniques for early diabetes prediction SA Hussein Y. Radhi's, Yousra Ahmed Fadil, Hussain Falih Mahdi Indonesian Journal of Electrical Engineering and Computer Science 25 (No. 2 ...	1 *	2022
Early Detection of Poisonous Gas Leakage in Pipelines in an Industrial Environment Using Gas Sensor, Automated with IoT PK Dutta, A Vinayak, S Kumari, M Hussain Advances in Applications of Data-Driven Computing, 167-182	1	2021
Investigation of bearing current in a gas turbine generator due to static excitation system MS Ahmed, HF Mahdi 2013 IEEE Student Conference on Research and Developement, 100-104	1	2013
Tablet PC in restaurant AA Ali, HF Mahdi 2013 IEEE Student Conference on Research and Developement, 311-314	1	2013
Kerberos security evaluation MN Abdullah, MT Abdul-Hadi, H Mahdi Diyala Journal of Engineering Sciences 1 (1), 150-161	1	2008
CNN-Based Freshness Grading of Mourala Fish (Amblypharyngodon Mola) T Choudhury, A Aryan, HF Mahdi, VR Arunachalaeshwaran, T Sarkar Intelligent Sustainable Systems: Selected Papers of WorldS4 2022, Volume 2 ...		2023
Automated System Configuration Using DevOps Approach HK Sharma, HF Mahdi, T Choudhury, A Hayat Proceedings of Fourth International Conference on Computer and Communication ...		2023
Visualizing Neuroscience Through AI: A Systematic Review R Sille, A Kapoor, T Choudhury, HF Mahdi, M Khurana Exploring Future Opportunities of Brain-Inspired Artificial Intelligence, 15-27		2023
GAN and IEC Approach for Image Generation A Shukla, HF Mahdi, I Tandon, R Singh, T Choudhury 2022 International Symposium on Multidisciplinary Studies and Innovative ...		2022
Review Study on Blockchain Frameworks for Security Issues in IoT Devices R Sille, HF Mahdi, T Choudhury, S Sahoo, A Kapoor, I Nanda, A Sharma 2022 International Symposium on Multidisciplinary Studies and Innovative ...		2022

TITLE	CITED BY	YEAR
<p>Idea Mining From Online Reviews Using Transformation-Based Natural Language Processing Tasks</p> <p>HF Mahdi, LK Gupta, T Choudhury, N Bansal 2022 International Symposium on Multidisciplinary Studies and Innovative ...</p>		2022
<p>Preventive measurement and Prediction of Covid-19 in India through Business Intelligence Tools</p> <p>BK Dewangan, MH Alwan, HF Mahdi, T Choudhury, A Piyush, A Rai, ... 2022 International Symposium on Multidisciplinary Studies and Innovative ...</p>		2022
<p>Data Driven Approach Towards Disruptive Technologies</p> <p>TP Singh, R Tomar, T Choudhury, T Perumal, HF Mahdi Springer Singapore</p>		2021
<p>Organizing and Advisory Committee</p> <p>CK Jha College of Engineering Pune</p>		2019
<p>Investigation of a joint channel estimation technique for PAPR reduction in OFDM systems</p> <p>HF Mahdi, M Ismail, R Nordin 2013 IEEE Student Conference on Research and Developement, 154-159</p>		2013
<p>Convolutional Neural Networks in Internet of Things: A Bibliometric Study</p> <p>A Katal, HF Mahdi, T Choudhury IoT-enabled Convolutional Neural Networks: Techniques and Applications, 1-26</p>		
<p>Organizing and Advisory Committee</p> <p>MD Mathur, SN Singh, MA Phansikar, MP Mishra, A Kumar, DS Bormane, ...</p>		
<p>Conference Chair Dr. Chanakya Kumar Jha</p> <p>SB Zope, MA Lobo, SN Singh, V Kotak, MA Phansikar, S Bheesette, ...</p>		
<p>ORGANIZING COMMITTEE IEEE ICIRD 2019</p> <p>A Shah, S Khan, SF Ahmed, IHDS Budiono, M Sahlan, M Asvial, ...</p>		