

عنوان البحث / Title	اسم الباحث الاول / Author First	اسم الباحث الثاني / Second Author	اسم الباحث الثالث / Third Author	اسم المجلة / Name Journal	تصنيف / Category	ISSN or eISSN	اسم المؤتمر / Conference Name	سنة النشر / Year of Publication	رابط البحث / URL Article Link
Effect of Vehicle's Acceleration and Heading on Reliability of VANET Routing Protocol	Foad Salem Mubarek	Muntaser A. Salman	Omar Munthir Al Okashi	International Journal of Computer Aided Engineering and Technology	Scopus	1757-2665		2020	https://www.inderscienceonline.com/doi/abs/10.1504/IJCAET.2022.124535
Target Seeking and Obstacle Avoidance of OmniRobot in an Unknown Environment	Ruqayah R. Al-Dahhan	Mohammed Rabea Hashim AL-Dahhan	Mustafa H. Jebur	conference	Scopus	0000-0000	2020 International Congress on Human-Computer Interaction, Optimization and Robotic	2020	https://doi.org/10.1109/HOR-A49412.2020.9152864
Enhancement of digital signature algorithm in bitcoin wallet	Farah Maath Jasem	Ali Makki Sagheer	Abdullah M. Awad	Bulletin of Electrical Engineering and Informatics	Scopus	2302-9285		2020	https://beei.org/index.php/EE/article/view/2339/0
Microsoft Azure IoT-based Edge Computing for Smart Homes	Amjad Shehab	Sufyan Al-Janabi		conference	Scopus	0000-0000	International Conference on Decision Aid Sciences and Application (DASA)	2020	https://ieeexplore.ieee.org/document/9317274
Image Classification using Convolution Neural Network Based Hash Encoding and Particle Swarm Optimization	Sameer Ali Al-Janabi	Sufyan T. Faraj Al-Janabi	Belal Al-Khateeb	conference	Scopus	0000-0000	International Conference on Data Analytics for Business and Industry: Way Towards a	2020	https://ieeexplore.ieee.org/document/9325655
Hybrid Intrusion Detection System Based on Deep Learning	Ali A. Abdul Lateef	Sufyan T. Faraj Al-Janabi	Belal Al-Khateeb	conference	Scopus	0000-0000	International Conference on Data Analytics for Business and Industry: Way Towards a	2020	https://ieeexplore.ieee.org/document/9325669
SALP SWARM ALGORITHM FOR ENHANCING PEGASIS PROTOCOLS IN WIRELESS SENSOR NETWORKS	Shifaa I. Abdulhameed	Salah A. Aliesawi		International Journal of Advanced Research in Engineering and Technology (IJARET)	Scopus	0976-6480		2020	https://www.semanticscholar.org/paper/SALP-SWARM-ALGORITHM-FOR-ENHANCING-PEGASIS-IN-Abdulhameed/6c773f5d73a2fc7099fc50954e1381cd7416bc28
Secure Data Storage in The Cloud With Enhanced Symmetric Block Cipher Design	Waleed Kareem Awad	Omar A. Dawood	Mohamed Khalaf	AUS (Conference)	Scopus	0000-0000		2020	https://www.researchgate.net/publication/341078335_Secure_Data_Storage_in_The_Cloud_With_Enhanced_Symmetric_Block_Cipher_Design
Real time modified programmable universal machine for assembly (PUMA) 560 with intelligent controller	Yousif I. Al Mashhadany	Wesam M. Jasim		Indonesian Journal of Electrical Engineering and Computer Science	Scopus	2502-4752		2020	http://jjeecs.iaescore.com/index.php/IJEECS/article/view/22596
Simulated Hadoop with Unstructured Data for Big Data Integrity	Dalia Amir Abd Allattif	Murtadha M. Hamad		Solid State Technology	Scopus	0		2020	http://solidstatetechnology.us/index.php/JSST/article/view/5197
A Proposed Movie Recommender System to Solve Sparsity, Cold Start and Diversity Problems using Clustering Algorithms	Muntaha Kamal Chyad	Murtadha M. Hamad		http://solidstatetechnology.us/index.php/index	Scopus	0		2020	http://solidstatetechnology.us/index.php/JSST/article/view/3179
Deep image mining for convolution neural network	Dhamea A. Jasmi	Murtadha M. Hamad	Azmi Tawfek Hussein Alrawi	Indonesian Journal of Electrical Engineering and Computer Science	Scopus	0		2020	http://jjeecs.iaescore.com/index.php/IJEECS/article/view/22463

عنوان البحث / Title	اسم الباحث الاول / Author First	اسم الباحث الثاني / Second Author	اسم الباحث الثالث / Third Author	اسم المجلة / Journal Name	تصنيف / Category	ISSN or eISSN	اسم المؤتمر / Conference Name	سنة النشر / Year of Publication	رابط البحث / URL Article Link
Feature Extraction and Classification of ECG Signal Based on The Standard Extended Wavelet Transform Technique: Cardiology Based	Azmi Shawkat Abdulbaqi	Saif Al-din M. N	Ismail Yusuf Panessai	Conference	Scopus	0000-0000	2nd International Scientific Conference of Al-Ayen University (ISCAU-2020) 15-16 July	2020	https://www.researchgate.net/publication/349928875_Feature_Extraction_and_Classification_of_ECG_Signal_Based_on_The_Standard_Extended_Wavelet_Transform_Technique_Cardiology_Based_Telemedicine

Virtual Environments Utilization for ECG Signals Analysis and Evaluation: Towards Heart Condition Assessment	Azmi Shawkat Abdulbaqi	Enas S. Yousif	Saif Al-din M. N	Conference	Scopus	0000-0000	2nd International Scientific Conference of Al-Ayen University (ISCAU-2020)	2020	https://www.researchgate.net/publication/347059489_Virtual_Environments_Utilization_for_ECG_Signals_Analysis_and_Evaluation_Towards_Heart_Condition_Assessment
Electroencephalogram Signals Classification Based on Feature Normalization	Enas S. Yousif	Azmi Shawkat Abdulbaqi	Abduladheem Zaily Hameed	Conference	Scopus	0000-0000	nd International Scientific Conference of Al-Ayen University (Virtual)ISCAU-2020	2020	https://www.researchgate.net/publication/347059928_Electroencephalogram_Signals_Classification_Based_on_Feature_Normalization
Hybridization Method Based ECG Signals Classification	Saif Al-din M. N	Azmi Shawkat Abdulbaqi	Ismail@Ismail Yusuf Panessai	Conference	Scopus	0000-0000	2nd International Scientific Conference of Al-Ayen University (ISCAU-2020)	2020	https://www.researchgate.net/publication/349928808_Hybridization_Method_Based_ECG_Signals_Classification_Hybridization_Method_Based_ECG_Signals_Classification
Long Short-Term Memory Approach for Coronavirus Disease Prediction	Omar Ibrahim Obaid	Mazin Abed Mohammed		Journal of Information Technology Management	Scopus	20085893, 24235059		2020	https://jitm.ut.ac.ir/article_79187.html
Otsu Thresholding Segmentation Algorithms in Segmenting Brain Tumor Magnetic Resonance Imaging	Sarah Husham	Aida Mustapha	Salama A. Mostafa	Journal of Information Technology Management	Scopus	20085893, 24235059		2020	https://jitm.ut.ac.ir/article_78889.html
Real-Time Cloth Simulation on Virtual Human Character Using Enhanced Position Based Dynamic Framework Technique	Itimad ali	Mazin Abed Mohammed		Baghdad Science Journal	Scopus	2078-8665		2020	https://bsi.uobaghdad.edu.iq/index.php/BSJ/article/view/3_862
Voice Pathology Detection Using Machine Learning Technique	Fahad Taha AL-Dhief			Conference	Scopus	0000-0000	2020 IEEE 5th International Symposium on Telecommunication Technologies (ISTT)	2020	https://ieeexplore.ieee.org/abstract/document/9279346/keywords/#keywords
Vehicles Counting from Video Stream for Automatic Traffic flow Analysis Systems	Nur Adilah Mohd			international Journal of Emerging Trends in Engineering Research	Scopus	2347 - 3983		2020	https://www.warse.org/IJETER/static/pdf/file/ijeter22811sl2020.pdf
A Survey of Localization Systems in the Sea Based on New Categories	S Hamad	Y H Ali	S H Shaker	Journal of Physics: Conference Series	Scopus	1530012064	MAICT	2020	https://iopscience.iop.org/article/10.1088/1742-6596/1530/1/012064
A comparative review on symmetric and asymmetric DNA-based cryptography	Baraa Tareq Hamad	Ali Maki Sagheer	Ismail Taha Ahmed	Bulletin of Electrical Engineering and Informatics (BEEI)	Scopus	2089-3191		2020	https://beei.org/index.php/EEI/article/view/2470
Adjusted Location Privacy Scheme for VANET Safety Applications	Ruqayah Al-ani	Bo Zhou	Qi Shi	Conference	Scopus	0000-0000	NOMS 2020-2020 IEEE/IFIP Network Operations and Management Symposium	2020	https://www.semanticscholar.org/paper/Adjusted-Location-Privacy-Scheme-for-VANET-Safety-Al-ani-Zhou/feb90a548c69d371df063813216c544ce7b918eb
An optimal path selection using lion optimization routing protocol for mobile ad-hoc network	Ala Awad	Khalid Alhitce	Ahmed N. Rashid	Periodicals of Engineering and Natural Sciences	Scopus	2303-4521		2020	http://pen.ius.edu.ba/index.php/pen/article/view/1739

عنوان البحث / Title	اسم الباحث الأول / First Author	اسم الباحث الثاني / Second Author	اسم الباحث الثالث / Third Author	Journal / المجلة / Name	تصنيف / Category	ISSN or eISSN	اسم المؤتمر / Conference Name	سنة النشر / Year of Publication	Article Link / URL
Study On Lion Swarm Optimization Algorithm In Wireless Sensor Network	Ahmed Noori Rashid			High Technology Letters	Scopus	1006-6748		2020	http://www.gjstx-e.cn/Vol-26-Issue-12/
Fast lightweight block cipher design with involution substitution permutation network (SPN) structure	Omar A. Dawood			Indonesian Journal of Electrical Engineering and Computer Science	Scopus	2502-4752		2020	http://ijeecs.iaescore.com/index.php/IJECS/article/view/2467
PERFORMANCE EVALUATION FOR FACEDATABASE	Azmi Tawfek Hussein Alraw	Abd Abraham Mossлах	Mohammed Ghani Alwan	Journal of Southwest Jiaotong University. Vol. 55 No. 1 Feb. 2020 DOI:10.35741/issn58-	Scopus	0258-2724		2020	https://scholar.google.com/citations?user=IdLniG4AAAAJ&hl=ar#d=gs_md_cita-d&u=%2F citations%3Fview
Calculating the Nanometer Diameters of The Grains ZnO: SnO2 Composite Depending On The SEM Image Analysis	Saad J. Mohammed	Azmi Tawfek Hussein Alrawi	M. N. JASIM	IOP Conf. Series: Materials Science and Engineering 928 (2020) 072086	Scopus	1088/1757-899X/928/7/072086	2nd International Scientific Conference of Al-Ayen University (ISCAU-2020)	2020	https://iopscience.iop.org/article/10.1088/1757-899X/928/7/072086/pdf
Monitoring Consumption System via Web Server for Hybrid Transport Protocol based on Smart Meter	Dhuha Shamil Mustafa	Abd Al-Karim Al-Aloosy	Khattab M Ali Alheeti	Journal of Physics	Scopus	1530 012039		2020	https://www.researchgate.net/publication/340918140_Monitoring_Consumption_System_via_Web_Server_for_Hybr
ICMetric Security System for Achieving Embedded Devices Security	Duaa Al_Dosary	Khattab M Ali Alheeti	Salah Sleibi Al-Rawi	International Scientific Conference of the University of Babylon	Scopus	0000	International Scientific Conference of the University of Babylon	2020	https://www.researchgate.net/publication/349742713_ICMetric_Security_System_for_Achieving_Embedded_Devices_Security
Smart Electric Meter Reading and monitoring Utilising Embedded System	Dhuha Shamil Mustafai	Abd Al-Karim Al-Aloosy	Khattab M Ali Alheet	www.ausrevista.com/ editor@ausrevista.com	Scopus	0718-7262		2020	http://ausrevista.info/26-4/7-15.pdf
Hybrid Approach for Scheduling Applications In Cloud Computing Environment	Ahmed Subhi Abdalkafor	Khattab M Ali Alheeti		International Journal of Electrical and Computer Engineering	Scopus	2088-8708		2020	http://ijece.iaescore.com/index.php/IJECE/article/view/20557/13665
Intelligent Intrusion Detection System in Internal Communication Systems for Driverless Cars	Nuha Abd	Khattab M Ali Alheeti	Salah Sleibi Al-Rawi	Webology	Scopus	1735-188X		2020	https://www.webology.org/data-articles/20201222110548amWEB17039.pdf
A Hybrid Security System for Unmanned Aerial Vehicles	Shahad Mahdi Al-Abrez	Khattab M. Ali Alheeti	Abdul Kareem A. Najem Alaloosy	Journal of Southwest Jiaotong University	Scopus	0258-2724		2020	http://www.jsju.org/index.php/journal/article/view/523

عنوان البحث / Title	اسم الباحث الاول / First Author	اسم الباحث الثاني / Second Author	اسم الباحث الثالث / Third Author	Journal / المجلة / Name	نوع المجلة / Category	ISSN or eISSN	سنة النشر / Year of Publication	Article Link / URL
Performance Analysis and evaluation of the IEEE 802.11 Distributed Coordination Function using OPNET	Zaynab Mahir Abdel-Ameer	Abd Al-Karim Al-Aloosy	Khattab M Ali Alheeti	BEEI Electrical Engineering and Informatics Journal	Scopus	0000	2020	http://beci.org/index.php/EEI/article/view/2477/1704
A Novel Comprehensive Database for Arabic and English Off-Line Handwritten Digits Recognition	Ahmed Subhi Abdalkafor	Waleed Kareem Awad	Khattab M Ali Alheeti	Indonesian Journal of Electrical Engineering and Computer Science	Scopus	2502-4752	2020	http://ijeecs.iaescore.com/index.php/IJECS/article/view/2466
Security System of Autonomous Drones Based on Linear Discrimination Analysis	Shahad Mahdi Al-Abrez	Khattab M. Ali Alheetisy	Abdul Kareem A. Najem Alaloo	International Journal of Psychosocial Rehabilitation	Scopus	1475-7192	2020	https://www.psychosocial.com/article/PR280691/24533/
Hybrid Technique For Skin Pimples Image Detection and Classification	Abduladheem Zaily Hameed	Waleed Kareem Awad	Nawar Ahmed Irsan	International Journal of Advanced Science and Technology	Scopus	ISSN: 2005-4238 IJAST	2020	http://serisc.org/journals/index.php/IJAST/article/view/5164
Multi-dimensional cubic symmetric block cipher algorithm for encrypting big data	Omar A. Dawood	Othman I. Hammadi	Khalid Shaker	Bulletin of Electrical Engineering and Informatics	Scopus	2302-9285	2020	https://beci.org/index.php/EEI/article/view/2475
Designing and Implementation of a Biomedical Module for Vital Signals Measurements Based on Embedded System	Azmi Shoukt	Ismail@Ismail Yusuf Panessai		International Journal of Advanced Science and Technology	Scopus	2005-4238 IJAST	2020	http://serisc.org/journals/index.php/IJAST/article/view/5141
Effects of Impulse Noise on Massive MIMO	Adnan Yousif	Mohammed.F	Saif Saad	Journal of Physics	Scopus	1742-6596	2020	https://iopscience.iop.org/article/10.1088/1742-6596/1530/1/012014/pdf
Performance Comparison of Centralized and Distributed Antenna System in 5G	Saif Saad	Hadeel saleh		Journal of Physics	Scopus	1742-6596	2020	https://iopscience.iop.org/article/10.1088/1742-6596/1530/1/012011/pdf
Various Denoising Techniques Utilization For Qualitative Analysis of ECG Signal	Tahseen Alawi Ahmed			Conference	Scopus	0000-0000	2020	https://iopscience.iop.org/article/10.1088/1757-899X/928/3/032035
Internet of things Based drivers safety management	Tahseen Alawi Ahmed			Conference	Scopus	0000-0000	2020	https://iopscience.iop.org/article/10.1088/1757-899X/928/3/032074/pdf
The Secure I-Voting System Helios++	Noor Hamad Abid	Sufyan Al-Janabi		International Journal of Computing and Digital Systems	Scopus	2210-142X	2021	https://journal.uob.edu.bh/handle/123456789/3963

عنوان البحث / Title	اسم الباحث الاول / First Author	اسم الباحث الثاني / Second Author	اسم الباحث الثالث / Third Author	المجلة / Journal Name	نوع المجلة / Category	ISSN or eISSN	سنة النشر / Year of Publication	Article Link / URL
Content based video retrieval using discrete cosine transform	Sumaya Hamad	Ahmed Suliman Farhan	Doaa Yaseen Khudhur	Indonesian Journal of Electrical Engineering and Computer Science	Scopus	2502-4752	2021	http://ijeecs.iaescore.com/index.php/IJECS/article/view/2748
Contrast-distorted image quality assessment based on curvelet domain features.	Ismail Taha Ahmed	Chen Soong Der	Baraa Tareq Hammad	Journal	Scopus	2088-8708	2021	http://ijece.iaescore.com/index.php/IJECE/article/view/20979
A Comparison Study for Intelligent Wheelchair Based on MEMS Sensors	Duaa Al_Dosary	Khattab M Ali Alheeti	Salah Sleibi Al-Rawi	IOP publisher conference	Scopus	00	2021	https://www.researchgate.net/publication/342926494_A_Comparison_Study_for_Intelligent_Wheelchair_Based_on_MEMS_Sensors
Clustering and Analysis of Dynamic Ad Hoc Network Nodes Movement Based on FCM Algorithm	Sumaya Hamad	Khattab M Ali Alheeti		iJOE	Scopus	00	2021	https://onlinejournalproject.org/index.php/i-joe/article/view/16067
Diabetics blood glucose control based on GA-FOPID technique	Wesam M. Jasim	Yousif I. Al Mashhadany		Bulletin of Electrical Engineering and Informatics	Scopus	2302-9285	2021	https://beci.org/index.php/EEI/article/view/2715
A New Deployment Schema Using Dynamic Relay Vehicle to Improve VANETs Connectivity in Urban Environment	Kermal D.	Ahmed N. Rashid		Materials Science and Engineering	Scopus	0	2021	https://iopscience.iop.org/article/10.1088/1757-899X/1076/1/012035
Classification of texture using random box counting and binarization methods	Wijdan Jaber AL-kubaisy	Maha Mahmood		Bulletin of Electrical Engineering and Informatics	Scopus	ISSN	2021	beci.org/index.php/EEI/article/view/2480
The impact of Routing Protocols and topologies on IOT Based Systems	Saif Saad	Hadeel Saleh		Journal of Physics	Scopus	1742-6596	2021	https://iopscience.iop.org/article/10.1088/1742-6596/1804/1/012112/pdf