

University of Mosul \ College of Engineering \ Computer Engineering Department

Research published from 1/9/2024 to 1/5/2025

No.	Names of participating researchers	Names of participating researchers	Research title	Year of publication	Journal Information (Full Name (of Journal	Journal classification	Impact factor or cite score of journal
1.	Banan Khaled Abdul Razzaq	Banan Khaled Abdul Razzaq	Neonatal Jaundice Severity Detection from Skin Images using Deep Transfer Learning Techniques	2024	Journal of Electronics, Electromedical Engineering, and Medical Informatics	Scopus	Cite score 1
2.			Latest Developments in Hypercube Network Technology: A Review	2024	Iraqi Journal for Computers and Informatics	Local	
3.	Mohammed Tariq	Mohammed Tariq	Adaptive Video Streaming with AI-Based Optimization for Dynamic Network Conditions	2024	International Journal of Advanced Natural Sciences and Engineering Researches	International	
4.	Ahlam Fadel	Ahlam Fadel	RLS Adaptive Filter Co-design for Denoising ECG Signal	2024	Results in Engineering	Scopus	Cite score 5.8
5.	Qutayba Ibrahim Ali	Qutayba Ibrahim Ali	Optimal Indoor AP Placement: A Case Study	2024	International Journal of Advanced Natural Sciences and Engineering Researches IJANSER	International	
6.	Qutayba Ibrahim Ali	Qutayba Ibrahim Ali	Optimal Indoor AP Placement: A Case Study	2024	Conference 3rd International Conference on Recent Academic Studies ICRAS 2024	International	
7.	Omar Anwar Nafeh	Omar Anwar Nafeh	An Improved Throttling Algorithm for Fog Computing Networks with an Additional Management Layer	2024	Al-Qadisiyah Journal for Engineering Sciences	Scopus	Cite score 0.1
8.	Qutayba Ibrahim Ali	Qutayba Ibrahim Ali	An Autonomous Smart Metering Infrastructure Based on UAV Swarm: Planning and Design	2024	International Transactions on Electrical Engineering and Computer Science	International	
9.	Raghad Hazem Saeed, Farhad Ezz El-Din	Raghad Hazem Saeed, Farhad Ezz El-Din	Empowering Clean Air and Advanced 5G Communications with Deep Learning and IoT-Based Monitoring	2024	Journal of Communications	Scopus	Cite score 3.4

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	Mahmoud	Mahmoud					
10.	Wardah Fatimah Mohammad Mohd ,Yusoff Farid Mohamed	Wardah Fatimah Mohammad Mohd ,Yusoff Farid Mohamed	The Impact of Traditional Architectonic Characters on the Environmental and Thermal Condition of Houses: A Case Study of Erbil, Kurdistan, Iraq	2024	International Journal of Heat and Technology (IJHT	Clarivate	Impact factor 0.7
11.			Enhanced Non-Invasive Blood Glucose Monitoring System Employing Wearable Optical Technology	2025	Fusion: Practice and Applications (FPA)	Scopus	Cite score 2
12.	Hamed Abdel Aziz	Hamed Abdel Aziz	Design and Simulation of a Dependable Architecture Using Triple Modular Redundancy for Embedded Cyber-Physical Systems	2025	Journal of Electronic Testing	Scopus and Clarivate	Cite score 2.2 – Impact factor 1.1
13.			Improved Hybrid Cryptographic Methods: Enhancing Caesar and Vigenère Cipher Algorithms	2025	International Journal of Data Science, Bioinformatics and Cyber Security	International	
14.			ENHANCED VIGENERE CIPHER ALGORITHM FOR IMPROVED CRYPTOGRAPHIC SECURITY	2025	QUANTUM JOURNAL OF ENGINEERING, SCIENCE AND TECHNOLOGY	International	
15.			Enhancement of Caesar Cipher Algorithm using Four Keys	2025	International Transactions on Electrical Engineering and Computer Science	International	
16.			A Review of Hierarchical Routing Protocols in Wireless Sensor Networks: Types and Recent Developments	2025	Al-Rafidain Engineering Journal	Scopus	