



# FIRAS SHAWKAT HAMID

فiras شوكت حامد محمد الحامد

Professor

## ACADEMIC TITLES

2022-01-05

Professor

## PUBLICATIONS ( 2 9 )

- TC-CADNet: A Temporal Context–Aware Deep Learning Framework for Real-Time Colon Cancer Detection from Colonoscopy Videos**  
*11th International Congress on Information and Communication Technology&nbsp;..., 2026 | 2026*
- Vehicular-to-Everything (V2X) Communication Using 5G NR for Autonomous Vehicles**  
*Journal of Engineering-AI and Machine Learning in Renewable Energy Systems&nbsp;..., 2026 | 2026*
- Vehicular-to-Everything (V2X) Communication Using 5G NR for Autonomous Vehicles**  
*Journal of Engineering 2026 (1), 8643947, 2026 | 2026 | Cited: 1*
- Parametric Optimization and Performance Analysis of a Compact Dual-Band Split Square Loop FSS for X-Band and Ku-Band**  
*Journal Européen des Systèmes Automatisés 59 (2), 413-419, 2026 | 2026*
- Optimized ELM with CNN depending on DSC for Brain Lesion Segmentation in ISLES 2015**  
*Middle East Journal of Scientific Research 8 (4), 1-13, 2025 | 2025 | Cited: 1*
- ENHANCING USER EXPERIENCE WITH HAND GESTURE VOLUME CONTROL: OVERCOMING CHALLENGES OF CAMERA DISTANCE**  
*CYBERNETICS AND PHYSICS 14 (4), 375–382, 2025 | 2025 | Cited: 1*
- Comparison of Artificial Neural Network and Regression Pedotransfer Function for prediction of soil cation exchange capacity at Iraq, Ray AL Jazeera, Mosul region: مقارنة بين**  
*2020, 90-109, (2) 4 مجلة العلوم الهندسية وتكنولوجيا المعلومات | 2020 | Cited: 3*
- Study and Analysis Real Time Methods of Tracking Objects on GPS and on Mobile Telephone Towers Stations**  
*2020 International Multi-Disciplinary Conference Theme: "Sustainable&nbsp;..., 2020 | 2020 | Cited: 2*
- Efficiency assessment of e-learning compared to traditional education using Principal Component Analysis and verification of Genetic Algorithms**  
*Journal of Engineering Sciences and Information Technology 4 (3), 2020 | 2020*
- Comparison of Artificial Neural Network and Regression Pedotransfer Function for prediction of soil cation exchange capacity at Iraq, Mosul AL Jazeera rejoin**  
*Journal of Engineering Sciences and Information Technology 4 (2), 2020 | 2020*
- Simulating of OFDM Systems for Noise Abolition in the Long-Term Evolution application**  
*2020 International Multi-Disciplinary Conference Theme: "Sustainable&nbsp;..., 2020 | 2020*
- تقييم كفاءة التعليم الإلكتروني مقارنة بالتعليم التقليدي باستخدام تحليل المكونات الأساسية والتحقق بالخوارزميات الجينية**  
*2020, 56-81, (3) 4 مجلة العلوم الهندسية وتكنولوجيا المعلومات | 2020*
- Simulating of OFDM Systems for Noise Cancellation in the LTE application**  
*2020 International Multi-Disciplinary Conference Theme: "Sustainable&nbsp;..., 2020 | 2020 | Cited: 1*
- THE POSITIVE IMPACT OF UTILIZING UNIVERSITY BLENDED LEARNING ON STUDENTS' ACQUIRING AND MAINTAINING INFORMATION IN THE FIELD OF COMPUTERS AND INFORMATION NETWORK.**  
*INTERNATIONAL JOURNAL OF ADVANCED RESEARCH (IJAR) 6 (11), 409-417, 2018 | 2018*
- Study and Analysis New Algorithm for Effective Cryptographic in Telemedicine Purposes Using**  
*2014*

## CONTACT

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## EDUCATION

دكتوراه (25-11-2010)

Doctor of Philosophy in Electronics and Communication Engineering / with subspeciality in Mobile Network for Telemedicine

Aleppo University

## RESEARCH METRICS

|                    |    |
|--------------------|----|
| h-index (Scopus)   | 0  |
| h-index (GS)       | 2  |
| Citations (Scopus) | 0  |
| Citations (GS)     | 24 |
| Documents (Scopus) | 0  |
| Documents (GS)     | 23 |



16. **The difference between IEEE 802.16/WiMAX and IEEE 802.11/Wi-Fi networks for Telemedicine Applications**  
*International Journal of Recent Technology and Engineering (IJRTE) 2 (5&nbsp;... 2013 | 2013 | Cited: 15*
17. **The difference between IEEE 802.16/WiMAX and IEEE 802.11/Wi-Fi networks for Telemedicine. Applications**  
*International Journal of Recent Technology and Engineering (IJRTE) 2 (5&nbsp;... 2013 | 2013 | Cited: 14*
18. **A Proposed Method for Blind Steganography Based on Image Bit-Planes**  
*Engineering Sciences Series 99, 2011 | 2011*
19. **A Proposed Method for Blind Steganography Based on Image Bit-Planes**  
*Engineering Sciences Series 99, 2011 | 2011*
20. **Word Segmentation Approach of Discrete and Mixed Latin Handwritten Styles**  
*Engineering and Computer Engineering Division 3 (1), 58-71, 2011 | 2011*
21. **Studying and Analyzing the Algorithm of Compressing Speech Signal by Extracting Sound Characteristics**  
*Foundation of Technical Education 12th Scientific Conference 2011, 2011 | 2011*
22. **ECG and MRI Image Transmission over GPRS service**  
*Tikrit Journal of Pure Science 16 (1), 262-275, 2011 | 2011*
23. **GSM Modeling and Simulation for Urban Area**  
*Tikrit Journal of Pure Science 15 (1), 126-136, 2010 | 2010*
24. **Simulation and Analysis of Algorithms for Real-Time ECG Data Compression/ Decompression Techniques**  
*Engineering Sciences Series 72, 2009 | 2009*
25. **Estimation and correction of slanted Off-line handwritten words for recognition applications**  
*Engineering Sciences Series 76, 2009 | 2009*
26. **Study and Analysis of Telemedicine for ECG signal Transmission over GPRS service using Mobile system**  
*Engineering Sciences Series 68, 2009 | 2009*
27. **8 Bit Data Transfer By Parallel Port Connection**  
*Tikrit Journal of Pure Science 12 (1), 2007 | 2007*
28. **8 Bit Data Transfer By Parallel Port Connection**  
*0*
29. **Simulating of OFDM Systems for Noise Cancellation in the LTE application**  
*0*