

Baraa Ismeal Farhan

براء اسماعيل فرحان فتاح الركابي

CONTACT

Phone: 07818245016
Email: bfarhan@uowasit.edu.iq
bfarhan@uowasit.edu.iq

RESEARCH METRICS

h-index (Scopus)	0
h-index (GS)	5
Citations (Scopus)	0
Citations (GS)	217
Documents (Scopus)	0
Documents (GS)	20

PROFILE

Baraa Ismeal Farhan is an active academic researcher dedicated to advancing scholarly knowledge within his field of expertise. Over the course of his research career, Farhan has established a consistent publication record, authoring 16 scientific papers indexed on Google Scholar.

His research contributions have achieved notable recognition within the global academic community, accumulating over 214 citations and earning him an h-index of 5. This growing citation footprint reflects the relevance, quality, and impact of his work among peer researchers and contemporary scholars. Committed to rigorous inquiry and academic excellence, Farhan continues to focus on addressing complex questions within his discipline, contributing valuable insights to contemporary scientific discourse and fostering collaborative research initiatives.

PUBLICATIONS (20)

1. **EdgeSecure: A Heterogeneous Federated Learning Framework for Lightweight Malware Detection in Resource-Constrained IoT Networks**
   Al-Noor Journal of Engineering Management and Computer Science, 256-273, 2026 | 2026
2. **A Lightweight Drift-Aware Continual Learning Framework for IoT Malware Detection Across Evolving Sessions**
   Journal of Basrah Researches (Sciences) 52 (1), 313-325, 2026 | 2026
3. **Optimized Lightweight Convolutional Neural Network Architecture for Multi-Class Brain Tumor Classification from Magnetic Resonance Imaging**
   Wasit Journal for Pure sciences 5 (3), 57-69, 2026 | 2026
4. **Innovative strategies for IoT security using AI and blockchain: a comprehensive review**
   Iraqi Journal for Computers and Informatics 52 (1), 99-112, 2026 | 2026 | Cited: 2
5. **An Advanced System for Detecting Malware in the Internet of Things Using Artificial Intelligence and Blockchain**
   Basrah J. Sci., 2026 | 2026
6. **Lightweight Deep Learning Models for Brain Tumor Classification**
   Proceedings of International Conference on Applied Innovation in IT 14 ..., 2026 | 2026
7. **DDoS Detection System Using Multi-layer Perceptron Algorithm**
   International Conference on Data Analytics & Management, 313-330, 2024 | 2024
8. **IMPROVING DETECTION FOR INTRUSION USING DEEP LONG SHORT-TERM MEMORY WITH HYBRID FEATURE SELECTION METHOD**
   Iraqi Journal of Information and Communications Technology(IJICT) 6 (Issue 1 ..., 2023 | 2023 | Cited: 8
9. **Performance analysis of intrusion detection for deep learning model based on CSE-CIC-IDS2018 dataset**
   Indonesian Journal of Electrical Engineering and Computer Science 26 (2 ..., 2022 | 2022 | Cited: 74
10. **Survey of Intrusion Detection Using Deep Learning in the Internetof Things**
    Iraqi Journal For Computer Science and Mathematics 3 (1), 9, 2022 | 2022 | Cited: 118
11. **An analyzing process on wireless protection criteria focusing on (WPA) within computer network security**
    Periodicals of Engineering and Natural Sciences 9 (1), 242-252, 2021 | 2021 | Cited: 4
12. **Smart Parking System Designed by using the Arduino for University park**
    Wasit Journal of Engineering Sciences 7 (1), 27-32, 2019 | 2019 | Cited: 3
13. **Real Time Object Detection from Video using Deep Convolutional Networks**
    AUS, 2019 | 2019

14. **Obstacles to the application of e-learning in the Faculty of Information University of Dhi Qar**
LARK JOURNAL FOR PHILOSOPHY, LINGUISTICS AND SOCIAL SCIENCES 11 (2 1ج), 2019 | 2019

15. **2018 Fog Integrated Secured Mobile Cloud Architecture for Effectual Performance and Integrity using iFogSim (USA) 1283-1290**
USA, 2018 | 2018

16. **The ways of social media sales promotion "An idea study to practice inside wassit province**
Al-Kut Univ. College Journal, 2018 | 2018

17. **Design and Construct Intelligent Tank "Water Level Sensor"**
Journal of Al-Qadisiyah for computer science and mathematics 10 (3), Page 1-8, 2018 | 2018 | Cited: 6

18. **A Proposed Model for the Mutual Dependency Between QoE and QoS in Wireless Heterogeneous Networks**
Journal of Al-Qadisiyah for computer science and mathematics 9 (2), Page 45-55, 2017 | 2017 | Cited: 7

19. **Reader Device for Blind Human Using IoT Technology**
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20. **Smart and Sustainable Malware Detection in A Resource-Constrained IoT Environment: A Survey of Continuous and Context-Aware AI Methods**
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