



Riyadh Rahef Nuiya Alogaili

رياض رهييف نويح ثغاب العكييلي

Associate Professor

PROFILE

An academic and researcher specializing in cybersecurity, currently serving as the Head of the Department of Cybersecurity. His research interests focus on developing cybersecurity solutions using artificial intelligence, explainable artificial intelligence, machine learning, and deep learning, in addition to malware detection, phishing attack analysis, and intrusion detection systems. He has extensive experience in designing and developing academic curricula, supervising student projects and scientific research, as well as contributing to manuscript evaluation and peer review for scholarly journals. He also serves on the editorial boards of reputable journals indexed in Scopus and Web of Science. He is committed to integrating emerging technologies with sustainable security solutions and seeks to employ scientific research in service of society and digital transformation, with particular interest in enhancing the skills of students and researchers and promoting quality higher education and academic excellence.

ACADEMIC TITLES

2024-01-21 Associate Professor

TEACHING EXPERIENCE

Faculty Member

Wasit University

2020-01 - Present

COURSES

- cybersecurity
- Research Methodology
- Programming Fundamentals (CYBS101)
- Advanced Programming (CYBS111)
- OOP
- operating system 2

ADMINISTRATIVE POSITIONS

2026-09-01 - Present Head of Department

PUBLICATIONS (3 6)

- Enhancing Classification Accuracy through Cluster-Based Ensemble Learning and Adaptive Weighting**
Journal name (Journal abbreviation, eg. IJNS) 1 (1), 1-30, 2026 | 2026
- HawkPhish-DNN cybersecurity model: adaptive hybrid optimization and deep learning for enhanced multi-objective phishing URL detection**
International Journal of Information Technology 17 (7), 3859-3875, 2025 | 2025 | Cited: 12

CONTACT

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EDUCATION

دكتوراه (17-04-2023)

Cybersecurity

USM

RESEARCH METRICS

h-index (Scopus)	12
h-index (GS)	15
Citations (Scopus)	447
Citations (GS)	684
Documents (Scopus)	37
Documents (GS)	36

RESEARCH INTERESTS

• research interests focus on developing cybersecurity solutions using artificial intelligence, explainable artificial intelligence, machine learning, and deep learning, in addition to malware detection, phishing attack analysis, and intrusion detection systems.



3. **AntDroidNet cybersecurity model: A hybrid integration of ant colony optimization and deep neural networks for android malware detection**
Mesopotamian Journal of CyberSecurity 5 (1), 104-120, 2025 | 2025 | Cited: 22
4. **Multi-objective Markov-enhanced adaptive whale optimization (MOMEAWO) cybersecurity model for binary and multi-class malware cyberthreat classification**
Journal of Electronic Science and Technology, 100334, 2025 | 2025 | Cited: 1
5. **Hybrid Multi-Descriptor and Deep Belief Network Model for Acute Lymphoblastic Leukaemia Diagnosis.**
Fusion: Practice & Applications 20 (1), 2025 | 2025
6. **PhishNetVAE Cybersecurity Approach: An Integrated Variational Autoencoder and Deep Neural Network Approach for Enhancing Cybersecurity Strategies by Detecting Phishing Attacks.**
International Journal of Intelligent Engineering & Systems 18 (3), 2025 | 2025 | Cited: 10
7. **Corrigendum to "Hybridizing flower pollination algorithm with particle swarm optimization for enhancing the performance of IPv6 intrusion detection system"[Alex. Eng. J. 104 ...]**
Alexandria Engineering Journal 110, 376, 2025 | 2025
8. **Prioritizing Network-On-Chip Routers for Countermeasure Techniques against Flooding Denial-of-Service Attacks: A Fuzzy Multi-Criteria Decision-Making Approach.**
Computer Modeling in Engineering & Sciences (CMES) 142 (3), 2025 | 2025 | Cited: 13
9. **Hyper clustering model for dynamic network intrusion detection**
let Communications 19 (1), e12523, 2025 | 2025 | Cited: 42
10. **FortifyGuard Cybersecurity Model: Fortifying Cybersecurity through an Enhanced Marine Predators Algorithm and Transformer-Based Approach for Advanced Malware Detection.**
International Journal of Intelligent Engineering & Systems 18 (4), 2025 | 2025 | Cited: 7
11. **Hybridizing flower pollination algorithm with particle swarm optimization for enhancing the performance of IPv6 intrusion detection system**
Alexandria Engineering Journal 104, 504-514, 2024 | 2024 | Cited: 22
12. **Malware cyberattacks detection using a novel feature selection method based on a modified whale optimization algorithm**
Wireless Networks 30 (9), 7257-7273, 2024 | 2024 | Cited: 24
13. **Dynamic clustering strategies boosting deep learning in olive leaf disease diagnosis**
Sustainability 15 (18), 13723, 2023 | 2023 | Cited: 19
14. **Enhanced PSO Algorithm for Detecting DRDoS Attacks on LDAP Servers.**
International Journal of Intelligent Engineering & Systems 16 (5), 2023 | 2023 | Cited: 15
15. **Malware detection using deep learning and correlation-based feature selection**
Symmetry 15 (1), 123, 2023 | 2023 | Cited: 215
16. **A hybrid cracked tiers detection system based on adaptive correlation features selection and deep belief neural networks**
Symmetry 15 (2), 358, 2023 | 2023 | Cited: 21
17. **Hybrid extend particle swarm optimization (EPSO) model for enhancing the performance of MANET routing protocols**
Journal of Al-Qadisiyah for computer science and mathematics 15 (1), Page ..., 2023 | 2023 | Cited: 9
18. **A Critical Review: Revisiting Phishing Attacks Classification and Analysis of Techniques Employed in Taxonomies**
Wasit Journal for Pure sciences 2 (2), 251-269, 2023 | 2023 | Cited: 3
19. **Dynamic Evolving Cauchy Possibilistic Clustering Based on the Self-Similarity Principle (DECS) for Enhancing Intrusion Detection System.**
International Journal of Intelligent Engineering & Systems 15 (5), 2022 | 2022 | Cited: 18
20. **Trigonometric words ranking model for spam message classification**
IET Networks, 2022 | 2022 | Cited: 13
21. **A Comprehensive Review of DNS-based Distributed Reflection Denial of Service (DRDoS) Attacks: State-of-the-Art**
International Journal on Advanced Science Engineering and Information ..., 2022 | 2022 | Cited: 15

22. **Evolving Dynamic Fuzzy Clustering (EDFC) to Enhance DRDoS_DNS Attacks Detection Mechanism.**
International Journal of Intelligent Engineering & Systems 15 (1), 2022 | 2022 | Cited: 20
23. **A critical review of Optimization MANET routing protocols**
Wasit Journal of Computer and Mathematics Science 1 (4), 44-54, 2022 | 2022 | Cited: 6
24. **Dynamic Evolving Cauchy Possibilistic Clustering Based on the Self-Similarity Principle (DECS) for Enhancing Intrusion Detection System**
2022 | Cited: 5
25. **Dynamic Clip Limit Window Size Histogram Equalization for Poor Information Images.**
International Journal of Intelligent Engineering & Systems 15 (5), 2022 | 2022 | Cited: 4
26. **A new proactive feature selection model based on the enhanced optimization algorithms to detect DRDoS attacks**
Int. J. Electr. Comput. Eng 12 (2), 1869-1880, 2022 | 2022 | Cited: 44
27. **An enhanced mechanism for detection of Domain Name System-based distributed reflection denial of service attacks depending on modified metaheuristic algorithms and adaptive ...**
IET Networks 11 (5), 169-181, 2022 | 2022 | Cited: 19
28. **Enhancing the Performance of Detect DRDoS DNS Attacks Based on the Machine Learning and Proactive Feature Selection (PFS) Model.**
IAENG International Journal of Computer Science 49 (2), 2022 | 2022 | Cited: 20
29. **Distributed reflection denial of service attack: A critical review**
International Journal of Electrical and Computer Engineering 11 (6), 5327, 2021 | 2021 | Cited: 48
30. **GFRecog: A Generic Framework with Significant Feature Selection Approach for Face Recognition**
International Journal of Engineering & Technology 7 (3.20), 260-264, 2018 | 2018
31. **E-health state in middle east countries: an overview**
Turk Online J Design Art Commun 2018, 2974-90, 2018 | 2018 | Cited: 32
32. **Automatic routing and fault detection in mobile adhoc networks**
International Journal of Pure and Applied Mathematics 119 (10), 513-518, 2018 | 2018
33. **A Novel Multi-Attribute Authority Based Encryption for Controlling Access to Cloud Data**
Journal of Education College Wasit University 2 (25), 1257-1270, 2017 | 2017
34. **A Survey of Mobile Cloud Computing: Secure Channels Transmission in Mobile Cloud Computing**
Journal of Education College Wasit University 1 (22), 759-772, 2016 | 2016 | Cited: 1
35. **Energy Efficient Mobile Data Collection in Three Layered Wireless Sensor Networks**
2016, 14, مجلة كلية التربية, 2016 | Cited: 1
36. **Difference between Smartphone and normal phone for QoS based on cloud computing**
<http://ijesc.org/>10, 575-580, 2014 | 2014