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Department of Information Systems.....

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Time at UoN: Since 2023

Marital Status: Single...

Scientific IDs:

[Research Gate](#)

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Academic Qualifications

PhD , Universiti Kebangsaan Malaysia, 2021

MSc , Sohar University, 2015

BSc , Sohar University, 2013

Teaching Activities

Special Topics

Data Structures & Algorithm Design

Database Management Systems

Database and Dynamic Web Design

Research Activities

- Research Interests

Artificial intelligence, machine learning, optimizations, neural networks, deep learning, meta-heuristics, data analysis, computer networking, and cybersecurity.

- Publications

Article:

1. 2023 Al-Dawery, S. K., Reddy, S., Al-Mashrafiya, K., Al-Fraji, B., & Al-Daweri, M. S. 2023. Disinfection of Biologically Treated Wastewater using Photocatalysis Process with Artificial UV Light and Natural Solar Radiation. *Pollution*, 9(1), 332-343.
2. 2021 Al-Daweri, M. S., Abdullah, S., & Ariffin, K. Z. 2021. A Homogeneous Ensemble Based Dynamic Artificial Neural Network for Solving the Intrusion Detection Problem. *International Journal of Critical Infrastructure Protection*, 34, 100449.
3. 2021 Al-Daweri, M. S., Abdullah, S., & Ariffin, K. Z. 2021. An Adaptive Method and a New Dataset, UKM-IDS20, for the Network Intrusion Detection System. *Computer Communications*, 180, 57-76.
4. 2020 Al-Daweri, M. S., Zainol Ariffin, K. A., Abdullah, S., & Md. Senan, M.F.E. 2020. An Analysis of the KDD99 and UNSW-NB15 Datasets for the Intrusion Detection System. *Symmetry*, 12(10), 1666.
5. 2020 Al-Daweri, M. S., Abdullah, S., & Ariffin, K. Z. 2020. A Migration-Based Cuttlefish Algorithm with Short-Term Memory for Optimization Problems. *IEEE Access*, 8, 70270-70292.

Conference or Workshop:

1. 2022 Wu Fengda, Al-Daweri, M. S., Tahaei, H. 18-19 November 2022. Dynamic Temperature, Humidity and Lighting System for Smart Home Based on Fuzzy Logic. The 5th International Conference on Future Smart Cities (FSC), Xiamen University Malaysia, Sepang, Malaysia.
2. 2021 Zainol Ariffin, K. A., Abdullah, S., & Al-Daweri, M. S. 2021. Patent No. F. 3553 (File

No. UKM.IKB.800-4/1/3553). Malaysia: Universiti Kebangsaan Malaysia Intrusion Detection System 2020 Dataset (UKM-IDS20).

3. 2021 Al-Daweri, M. S., Abdullah, S., & Ariffin, K. Z. 2021. The Importance of Applying a Homogeneous Ensemble for the Intrusion Detection System. Extended Abstract, Data Mining & Optimization Seminar, Universiti Kebangsaan Malaysia.

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