

Personal Information

Email: mkmahmood@aybu.edu.tr

Web: <https://avesis.aybu.edu.tr/100291>

International Researcher IDs

ScholarID: NLdAWeUAAAAJ

ORCID: 0000-0002-6086-9483

Publons / Web Of Science ResearcherID: ADG-8455-2022

ScopusID: 50123456789

Yoksis Researcher ID: 309785

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Optimization of Head Cluster Selection in WSN by Human-Based Optimization Techniques**
Faris H., MAHMOOD M. K., Alomari O. A., Elnagar A.
Computers, Materials and Continua, vol.72, no.3, pp.5643-5661, 2022 (SCI-Expanded)

Articles Published in Other Journals

- I. **Drone Movement Control by Electroencephalography Signals Based on BCI System**
Abdulwahhab A. H., Myderrizi I., MAHMOOD M. K.
Advances in Electrical and Electronic Engineering, vol.20, no.2, pp.216-224, 2022 (ESCI)
- II. **ABC-Based Optimization of Cluster Head Selection in Wireless Sensor Networks**
MAHMOOD M. K. M.
International Journal of Electrical Engineering and Informatics, vol.13, no.2, pp.287-296, 2021 (Scopus)
- III. **A survey of probabilistic reliability calculation for computer communication networks**
MAHMOOD M. K. M.
AMERICAN ACADEMIC & SCHOLARLY RESEARCH JOURNAL, 2020 (Peer-Reviewed Journal)
- IV. **Secure and Fast Encryption Routine: Evaluation by Software Application**
MAHMOOD M. K. M.
International Journal of Engineering Technologies, 2020 (Peer-Reviewed Journal)
- V. **Difficulties and Limitations of the Signal Transfer from Mars to Earth**
MAHMOOD M. K. M.
Tikrit Journal of Pure Science, 2020 (Peer-Reviewed Journal)
- VI. **Design and Reliability Assessment of Communication Network: A Case Study for the Iraqi National Communication Network**
MAHMOOD M. K. M.
Indonesian Journal of Electrical Engineering and Informatics, 2020 (Scopus)
- VII. **Analysis, Modeling, and Design of a Reliable Wide Area Network Case Study for Tikrit University Intranet**
MAHMOOD M. K. M.
Tikrit Journal of Engineering Sciences, 2018 (Peer-Reviewed Journal)
- VIII. **An efficient multi-stages algorithm for the determination of communication network reliability**
MAHMOOD M. K. M.

International Journal of Computer and Communication Engineering, 2015 (Peer-Reviewed Journal)

IX. Development of New Algorithm for Communication Networks Reliability Based on Tie Set Method Combined with a Modified Flooding Algorithm

MAHMOOD M. K. M.

Tikrit Journal of Engineering Sciences, 2013 (Peer-Reviewed Journal)

X. An Internet Based Distributed Control Systems: A Case Study of Oil Refineries

MAHMOOD M. K. M.

ENERGY AND POWER ENGINEERING, vol.3, no.03, pp.310-316, 2011 (Peer-Reviewed Journal)

XI. Developing a Multi-Layer Strategy for Securing Control Systems of Oil Refineries

MAHMOOD M. K. M.

WIRELESS SENSOR NETWORK, vol.2, no.07, pp.520-527, 2010 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. Analysis of Perturb and Observe MPPT under Varying PV Operating Climatic Conditions

Addawe A., MAHMOOD M. K., Karim S. M., Nezam A. M.

21st International Multi-Conference on Systems, Signals and Devices, SSD 2024, Erbil, Iraq, 22 - 25 April 2024, pp.92-97

II. Evaluation of Incremental Conductance MPPT Algorithm under Varying Conditions

Nezam A. M., MAHMOOD M. K., Karim S. M., Addawe A.

21st International Multi-Conference on Systems, Signals and Devices, SSD 2024, Erbil, Iraq, 22 - 25 April 2024, pp.98-103

Metrics

Publication: 14

Citation (Scopus): 4

H-Index (Scopus): 1