Dr. Öğr. Üyesi WISAM ELMASRY

Kişisel Bilgiler

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Publons / Web Of Science ResearcherID: COA-1731-2022
ScopusID: 57201775146
Yoksis Araştırmacı ID: 344644

Eğitim Bilgileri

Post Doktora, İstanbul Sabahattin Zaim Üniversitesi, MÜHENDİSLİK VE DOĞA BİLİMLERİ FAKÜLTESİ, ELEKTRİK-ELEKTRONİK MÜHENDİSLİĞİ BÖLÜMÜ, Türkiye 2020 - 2021
Doktora, İstanbul Ticaret Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), Türkiye 2014 - 2019
Yüksek Lisans, Islamic University of Gaza, Graduate studies Faculty, Computer Engineering, Filistin 2007 - 2010
Lisans, Islamic University of Gaza, Engineering Faculty, Computer Engineering Department, Filistin 1999 - 2004

Yabancı Diller

İngilizce, C2 Ustalık

Yaptığı Tezler

Doktora, Derin öğrenme yaklaşımı kullanarak bulut ortamları için saldırı tespit hizmet tasarımı, İstanbul Ticaret Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), 2019
Yüksek Lisans, Securing Weight-Based AODV (WBAODV) Routing Protocol in MANETs: Towards Efficient and Secure Routing Protocol, Islamic University of Gaza, Graduate Studies Faculty, Computer Engineering, 2010

Araştırma Alanları

Bilgisayar Bilimleri, Bilgi Güvenliği ve Güvenilirliği, Yapay Zeka, Bilgisayarda Öğrenme ve Örüntü Tanıma, Mühendislik ve Teknoloji

Akademik Unvanlar / Görevler

Dr. Öğr. Üyesi, İstanbul Kültür Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2021 - Devam Ediyor
Öğretim Görevlisi, Al-Azhar University of Gaza, Information Technology, Information Technology, 2012 - 2013
Öğretim Görevlisi, Al-Aqsa University, Information Technology, Information Technology, 2012 - 2013
Öğretim Görevlisi, College of Science and Technology, Infornation Technology Faculty, Computer Sciences, 2011 - 2013
Öğretim Görevlisi, Palestine College of Nursing, Nursing Faculty, Nursing, 2010 - 2011

Akademik İdari Deneyim

Bölüm Kalite Komisyonu Başkanı, İstanbul Kültür Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2022 - Devam Ediyor

Verdiği Dersler

Computer Organization, Lisans, 2023 - 2024, 2022 - 2023, 2021 - 2022
Mobile Programming, Lisans, 2023 - 2024, 2022 - 2023, 2021 - 2022
Web Programming, Lisans, 2023 - 2024, 2022 - 2023
Embedded Systems, Lisans, 2023 - 2024, 2022 - 2023

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

I. **Utilizing Metaheuristics to Estimate Wind Energy Integration in Smart Grids With A Comparative Analysis of Ten Distributions**
Wadi M., ELMASRY W., Colak I., Jouda M., Kucuk I.
ELECTRIC POWER COMPONENTS AND SYSTEMS, 2024 (SCI-Expanded)

II. **Load frequency control in smart grids: A review of recent developments**
Wadi M., Shobole A., ELMASRY W., KÜÇÜK İ.
RENEWABLE & SUSTAINABLE ENERGY REVIEWS, cilt.189, 2024 (SCI-Expanded)

III. **Detection of Faults in Electrical Power Grids Using an Enhanced Anomaly-Based Method**
Elmasry W., Wadi M.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, sa.11, ss.14899-14914, 2022 (SCI-Expanded)

IV. **Rüzgâr enerjisi potansiyelini değerlendirirken önemli hususlar**
Wadi M., Elmasry W., Tamyiğit F. A.
Gazi Üniversitesi Mühendislik Mimarlık Fakültesi Dergisi, cilt.38, sa.2, ss.947-962, 2022 (SCI-Expanded)

V. **EDLA-EFDS: A Novel Ensemble Deep Learning Approach For Electrical Fault Detection Systems**
Elmasry W., Wadi M.
ELECTRIC POWER SYSTEMS RESEARCH, 2022 (SCI-Expanded)

VI. **Enhanced Anomaly-Based Fault Detection System in Electrical Power Grids**
Elmasry W., Wadi M.
INTERNATIONAL TRANSACTIONS ON ELECTRICAL ENERGY SYSTEMS, 2022 (SCI-Expanded)

VII. **Statistical analysis of wind energy potential using different estimation methods for Weibull parameters: a case study**
Wadi M., Elmasry W.
ELECTRICAL ENGINEERING, sa.6, ss.2573-2594, 2021 (SCI-Expanded)

VIII. **Evolving deep learning architectures for network intrusion detection using a double PSO metaheuristic**
Elmasry W., AKBULUT A., Zaim A. H.
COMPUTER NETWORKS, 2020 (SCI-Expanded)

IX. **Empirical study on multiclass classification-based network intrusion detection**
Elmasry W., AKBULUT A., Zaim A. H.
COMPUTATIONAL INTELLIGENCE, sa.4, ss.919-954, 2019 (SCI-Expanded)

X. **New LSB-based colour image steganography method to enhance the efficiency in payload capacity, security and integrity check**
KASAPBAŞI M. C., ELMASRY W.
SADHANA-ACADEMY PROCEEDINGS IN ENGINEERING SCIENCES, sa.5, 2018 (SCI-Expanded)

XI. **Deep Learning Approaches for Predictive Masquerade Detection**

Elmasry W., AKBULUT A., Zaim A. H.

SECURITY AND COMMUNICATION NETWORKS, 2018 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

I.   **A Comparative Assessment of Five Different Distributions Based on Five Different Optimization Methods for Modeling Wind Speed Distribution**
Wadi M., ELMASRY W.
Gazi University Journal of Science, cilt.36, sa.3, ss.1096-1120, 2023 (ESCI)

II. **Comparison of five different distributions based on three metaheuristics to model wind speed distribution**
VADİ M., ELMASRY W.
JOURNAL OF ELECTRICAL SYSTEMS, cilt.18, sa.3, ss.369-390, 2022 (ESCI)

III. **AT-ODTSA: a Dataset of Arabic Tweets for Open Domain Targeted Sentiment Analysis**
Sahmoud S., Abudalfa S., ELMASRY W.
International Journal of Computing and Digital Systems, cilt.11, sa.1, ss.1299-1307, 2022 (Scopus)

IV. **A Design Of An Integrated Cloud-based Intrusion Detection System With Third Party Cloud Service**
Elmasry W., AKBULUT A., Zaim A. H.
OPEN COMPUTER SCIENCE, cilt.11, sa.1, ss.365-379, 2021 (ESCI)

V.   **Comparative evaluation of different classification techniques for masquerade attack detection**
Elmasry W., AKBULUT A., Zaim A. H.
International Journal of Information and Computer Security, cilt.13, sa.2, ss.187-209, 2020 (Scopus)

VI. **Enhancement the security of AES against modern attacks by using Variable key block cipher**
SAHMOUD S. A., ELMASRY W., Abudalfa S.
International Arab Journal of e-Technology, cilt.3, sa.1, ss.17-26, 2013 (Hakemli Dergi)

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I.   **Overview of Electric Vehicles Charging Stations in Smart Grids**
Wadi M., ELMASRY W., Jouda M., Shahinzadeh H., Gharehpetian G. B.
13th International Conference on Computer and Knowledge Engineering, ICCKE 2023, Mashhad, İran, 1 - 02 Kasım 2023, ss.540-546

II. **Wind energy potential approximation with various metaheuristic optimization techniques deployment**
VADİ M., ELMASRY W., Shobole A., TÜR M. R., BAYINDIR R., Shahinzadeh H.
2021 7th International Conference on Signal Processing and Intelligent Systems (ICSPIS), İran, 29 Aralık 2021

III. **Two-Tier Cascaded Classifiers to Improve Electrical Power Quality**
ELMASRY W., Wadi M., Shahinzadeh H.
26th International Electrical Power Distribution Conference, EPDC 2022, Tehran, İran, 11 - 12 Mayıs 2022, ss.96-101

IV. **Sensitivity Reliability Analysis of Power Distribution Networks Using Fuzzy Logic**
Wadi M., ELMASRY W., Kucuk I., Shahinzadeh H.
12th International Conference on Computer and Knowledge Engineering, ICCKE 2022, Mashhad, İran, 17 - 18 Kasım 2022, ss.190-195

V.   **An Anomaly-based Technique for Fault Detection in Power System Networks**
VADİ M., ELMASRY W.
2021 International Conference on Electric Power Engineering--Palestine (ICEPE-P), GAZZE, FİLİSTİN, 23 - 24 Mart 2021, ss.1-6

VI. **Modeling of Wind Energy Potential in Marmara Region Using Different Statistical Distributions and**

Genetic Algorithms

VADİ M., ELMASRY W.

2021 International Conference on Electric Power Engineering--Palestine (ICEPE-P), GAZZE, FİLİSTİN, 23 - 24 Mart 2021, ss.1-7

Desteklenen Projeler

Elmasry W., Diğer Resmi Kurumlarca Desteklenen Proje, A Deep Learning Approach for Fault Detection System in Power Systems (Güç Sistemlerinde Arıza Tespit Sistemi İçin Derin Öğrenme Yaklaşımı), 2020 - 2022

Metrikler

Yayın: 25
Atıf (WoS): 193
Atıf (Scopus): 271
H-İndeks (WoS): 6
H-İndeks (Scopus): 5