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Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), Turkey 2016 - 2019
Postgraduate, Gazi University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Yl) (Tezli), Turkey 2013 - 2016
Undergraduate, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2008 - 2012

Dissertations

Postgraduate, Çok yüksek çözünürlüklü kamera donanımı ve paralel görsel veritabanı, Gazi University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Yl) (Tezli), 2016

Academic Titles / Tasks

Research Assistant, Kafkas University, Faculty Of Engıneerıng-Archıtecture, Department Of Computer Engıneerıng, 2013 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **QoS-aware IoT networks and protocols: A comprehensive survey**
DİLEK S., Irgan K., GÜZEL M., ÖZDEMİR S., BAYDERE Ş., Charnsripinyo C.
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II. **Fair and energy-aware IoT service composition under QoS constraints**
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V. **ANFIS and Deep Learning based missing sensor data prediction in IoT**
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Books & Book Chapters

I. **Recent trends in air quality prediction: An artificial intelligence perspective**
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in: Intelligent Environmental Data Monitoring for Pollution Management, Siddhartha Bhattacharyya, Naba Kumar Mondal, Jan Platos, Václav Snášel, Pavel Krömer, Editor, Elsevier-Academic Press, Londrina, pp.195-221, 2021

Refereed Congress / Symposium Publications in Proceedings

I. **A New CEP based Air Quality Prediction for Fog based IoT**
GÜZEL M., ÖZDEMİR S.
2019 International Symposium on Networks, Computers and Communications (ISNCC), İstanbul, Turkey, 18 - 20 June 2019

II. **A New CEP-based Air Quality Prediction Framework for Fog based IoT**
GÜZEL M., Ozdemir S.
International Symposium on Networks, Computers and Communications (ISNCC), İstanbul, Turkey, 18 - 20 June 2019

III. **SMOTE and Gaussian Noise Based Sensor Data Augmentation**
Arslan M., Güzel M., Demirci M., Özdemir S.
4th International Conference on Computer Science and Engineering (UBMK), Samsun, Turkey, 11 - 15 September 2019, pp.458-462

IV. **QoS Prediction Methods in IoT A Survey**
Bagiroz B., GÜZEL M., YAVANOĞLU U., Ozdemir S.
IEEE International Conference on Big Data (Big Data), Los-Angeles, Chile, 9 - 12 December 2019, pp.2128-2133

V. **Comparative Analysis of IoT Communication Protocols**
Corak B. H., YILDIRIM OKAY F., GÜZEL M., Murt S., Ozdemir S.
International Symposium on Networks, Computers and Communications (ISNCC), Rome, Italy, 19 - 21 June 2018

VI. **Multi Sensor Based Indoor Positioning**
Uyar C., Dervisoglu I., GÜZEL M., Ozdemir S.
2017 International Conference on Computer Science and Engineering (UBMK), Antalya, Turkey, 5 - 08 October 2017, pp.104-109

VII. **A Survey of Insect Eye Inspired Visual Sensors**
GÜZEL M., ÜNAL M.
9th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 26 - 28 November 2015, pp.139-142

Metrics

Publication: 14
Citation (WoS): 36
Citation (Scopus): 87
H-Index (WoS): 2
H-Index (Scopus): 3