

Lect. MUHAMMET ÜNAL

Personal Information

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Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Kablosuz genişbant mobil ağlarda güvenlik bilinçli zeki yönlendirme protokolü, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (Dr), 2010

Post Graduate, İşlem süreçlerinin paralel bilgisayar sistemleri ile hızlandırılması, Gazi University, Fen Bilimleri Enstitüsü, Elektrik-Elektronik Mühendisliği (YI) (Tezli), 2003

Research Areas

Performance Modelling and Evaluation, Simulation and Modelling, Parallel Algorithms, Computer Networks, Fuzzy Sets and Systems, Natural Language Processing, Evolutionary Computing, Operating Systems

Academic Titles / Tasks

Lecturer, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2010 - Continues

Lecturer, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2005 - 2010

Research Assistant, Gazi University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2001 - 2005

Professional Experience

Head of Department, Gazi University, Rektörlük, 2016 - 2019

Courses

Microprocessors, Under Graduate, 2021 - 2022

Advising Theses

ÜNAL M., Very High Resolution Camera Hardware And Parallel Visual Database, Post Graduate, M.GÜZEL(Student), 2016

ÜNAL M., Linguistic summarization with genetic algorithm, Post Graduate, T.ALTINTOP(Student), 2015

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **Fuzzy Linguistic Summarization with Genetic Algorithm: An Application with Operational and Financial Healthcare Data**

Altıntop T., Yager R. R. , AKAY D., BORAN F. E. , ÜNAL M.

INTERNATIONAL JOURNAL OF UNCERTAINTY FUZZINESS AND KNOWLEDGE-BASED SYSTEMS, vol.25, no.4, pp.599-620, 2017 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Secure routing protocols in wireless networks**

ÜNAL M., AKCAYOL M. A.

Journal of Informatics Technologies, vol.1, no.3, pp.7-13, 2008 (Other Refereed National Journals)

Refereed Congress / Symposium Publications in Proceedings

- I. **A Review on Real-time Big Data Analysis in Remote Sensing Applications**

Pekturk M. K. , ÜNAL M.

25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017

- II. **OPERASYONEL VE FİNANSAL SAĞLIK VERİSİ İÇİN BULANIK DİLSEL ÖZETLERİN GENETİK ALGORİTMA İLE ÇIKARIMI**

ALTINTOP T., AYDOĞAN S., AKAY D., BORAN F. E. , ÜNAL M.

Yöneylem Araştırması ve Endüstri Mühendisliği 36. Ulusal Kongresi, Turkey, 13 - 15 July 2016

- III. **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

Citations

Total Citations (WOS):4

h-index (WOS):1