

Assoc. Prof. DAMLA GÜRKAN KUNTALP

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAA-6576-2022

ScopusID: 24724677000

Yoksis Researcher ID: 141547

Education Information

Doctorate, Illinois Institute of Technology, Armour College of Engineering, Electrical and Computer Engineering , United States Of America 1994 - 2000

Postgraduate, Illinois Institute of Technology, Armour College of Engineering, Electrical and Computer Engineering, United States Of America 1992 - 1994

Undergraduate, Dokuz Eylul University, Mühendislik Fakültesi, Elektrik - Elektronik Mühendisliği Bölümü, Turkey 1985 - 1990

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Design and Optimization of Optical Diffractive Elements usimg Vector Space Projections and Pseudo Random Encoding, Illinois Institute of Technology, 2000

Research Areas

Engineering and Technology

Courses

Analog Communication, Undergraduate, 2022 - 2023, 2021 - 2022

Probability and Random Signal principles, Undergraduate, 2022 - 2023, 2021 - 2022

Random Variables and Stochastic Systems, Postgraduate, 2022 - 2023, 2021 - 2022

Advance Digital Signal Processing, Postgraduate, 2021 - 2022, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Factors affecting convergence in the design of diffractive optics by iterative vector-space methods**
stark h., yang y., GÜRKAN KUNTALP D.
Journal of Optical Society of America A, vol.16, no.1, pp.149-159, 1999 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **Classification of arrhythmias using spectral features with K nearest neighbor method Aritmilerin spektral özellikler kullanılarak en yakın k komşu metoduyla sınıflandırılması**
Hilavin I., KUNTALP M., GÜRKAN KUNTALP D.
2011 IEEE 19th Signal Processing and Communications Applications Conference, SIU 2011, Antalya, Turkey, 20 - 22 April 2011, pp.411-414
- II. **Clustering of arrhythmic ECG beats using morphological properties and windowed raw ECG data**
Artimik EKG vurularının morfolojik özellikleri ve pencerelenmiş ham EKG verilerini kullanarak gruplanması
Gezer B. L., GÜRKAN KUNTALP D., KUNTALP M.
2011 IEEE 19th Signal Processing and Communications Applications Conference, SIU 2011, Antalya, Turkey, 20 - 22 April 2011, pp.738-741
- III. **Feature reduction method using self organizing maps**
Kutlu Y., Kuntalp D.
6th International Conference on Electrical and Electronics Engineering, ELECO 2009, Bursa, Turkey, 5 - 08 November 2009
- IV. **Özgünleyici Haritalar Kullanılarak Aritmik EKG Vurularının Topografik Analizi**
KUTLU Y., KUNTALP M., GÜRKAN KUNTALP D.
13. Biyomedikal Mühendisliği Ulusal Toplantısı, Turkey, 29 - 31 May 2008
- V. **Özgünleyici haritalar Kullanılarak Diken Dalgaların Analizi**
KUTLU Y., KUNTALP M., GÜRKAN KUNTALP D.
Genç Bilim İnsanları ve Beyin Biyofiziği Çalıştayı, Turkey, 21 - 23 February 2008
- VI. **Musical genre classification using higher-order statistics**
AVCU N., GÜRKAN KUNTALP D., ALPKOÇAK A.
IEEE 15th Signal Processing and Communications Applications Conference, Eskişehir, Turkey, 11 - 13 June 2007, pp.826-827
- VII. **Effect of the input window size in arrhythmia classification with multilayer perceptron network structures**
Kutlu Y., KUNTALP M., GÜRKAN KUNTALP D.
IEEE 15th Signal Processing and Communications Applications Conference, Eskişehir, Turkey, 11 - 13 June 2007, pp.628-631
- VIII. **Classification of branch block beats using higher order spectral analysis and neural networks**
Torun M. U., Isler Y., GÜRKAN KUNTALP D., KUNTALP M.
IEEE 14th Signal Processing and Communications Applications, Antalya, Turkey, 16 - 19 April 2006, pp.437-438
- IX. **Web based remote patient monitoring system**
Zeyhek M., Tavli M. M., GÜRKAN KUNTALP D., KUNTALP M.
IEEE 14th Signal Processing and Communications Applications, Antalya, Turkey, 16 - 19 April 2006, pp.607-608
- X. **Detection of spikes with multiple layer perceptron network structures**
Kutlu Y., Isler Y., GÜRKAN KUNTALP D., KUNTALP M.
IEEE 14th Signal Processing and Communications Applications, Antalya, Turkey, 16 - 19 April 2006, pp.277-278
- XI. **Comparison of Two Scenario Examples For a Freshman Year Module in Electrical and Electronics Engineering Program**
GÜRKAN KUNTALP D., KUNTALP M., KILINÇ S., ÖNAY A. B., ÖZEL M., AKGÜNGÖR K., GÜZELİŞ C.
New Information Technologies in Education, Turkey, 20 - 22 October 2004

- XII. **Software implementation of wireless indoor communication system using coherent QAM**
Cam S., GÜRKAN KUNTALP D.
IEEE 12th Signal Processing and Communications Applications Conference, Kusadasi, Turkey, 28 - 30 April 2004,
pp.638-641
- XIII. **Elektrik ve Elektronik Mühendisliğinde Modüler Tabanda Aktif Programların Yapılandırılması Ölçme ve Değerlendirme**
ÖZTURA H., KUNTALP M., ÖZKURT A., ZORAL E. Y., GÜRKAN KUNTALP D., GÜZELİŞ C.
Elektrik, Elektronik, Bilgisayar Mühendislikleri Eğitimi 1. Ulusal Sempozyumu, Ankara, Turkey, 30 April - 02 May
2003
- XIV. **Elektrik ve Elektronik Mühendisliğinde Ders ve Modüler Tabanlı Eğitim Programlarında Takım Çalışması Üzerine Deneyimler**
ZORAL E. Y., ÖZKURT A., ÖZTURA H., GÜRKAN KUNTALP D., KUNTALP M.
Elektrik Elektronik Bilgisayar Mühendislikleri Eğitimi 1. Ulusal Sempozyumu, Ankara, Turkey, 30 April - 02 May
2003
- XV. **Elektrik ve Elektronik Mühendisliğinde Modüler tabanda aktif eğitim Programlarının Yapılandırılması, ölçme ve Değerlendirme**
ÖZKURT A., GÜRKAN KUNTALP D., ZORAL E. Y., ÖZTURA H., ŞAHİN Ö., KUNTALP M., GÜNDÜZALP M., GÜZELİŞ C.
Elektrik, Elektronik, Bilgisayar Mühendislikleri Eğitimi 1. Ulusal Sempozyumu ve Sergisi, Turkey, 30 April - 02 May
2003, pp.37-40
- XVI. **Integration in the freshman class in the electrical engineering curriculum**
ÖZKURT A., GÜZELİŞ C., KUNTALP M., GÜRKAN KUNTALP D., ZORAL E. Y.
New Information Technologies in Education Symposium, 1 - 05 September 2002
- XVII. **How to create scenarios for problem based EEE curriculum**
KUNTALP M., GÜRKAN KUNTALP D., ÖZTURA H., ZORAL E. Y., ÖZKURT A., GÜZELİŞ C.
New Information Technologies in Education Symposium, İzmir, Turkey, 2 - 05 September 2002
- XVIII. **Increasing Learning Performance via In Class Team Quizzes in EEE Courses**
ZORAL E. Y., GÜRKAN KUNTALP D., KUNTALP M., ÖZTURA H., GÜZELİŞ C.
New Information Technologies In Education Symposium, İzmir, Turkey, 1 - 05 September 2002
- XIX. **Building up design modules in problem based education**
ÖZKURT A., ÖZTURA H., KUNTALP M., GÜRKAN KUNTALP D., ZORAL E. Y., GÜZELİŞ C.
New Information Technologies in Education Symposium, İzmir, Turkey, 2 - 05 September 2002

Supported Projects

GÜRKAN KUNTALP D., Project Supported by Higher Education Institutions, İzmir Bölgesinde Spektrum Kullanım Yoğunluğunun Belirlenmesi, 2012 - 2015

Metrics

Publication: 46
Citation (WoS): 243
Citation (Scopus): 345
H-Index (WoS): 5
H-Index (Scopus): 5