

Personal Information

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Education Information

Doctorate, Cukurova University, Mühendislik Mimarlık Fakültesi, Bilgisayar Mühendisliği, Turkey 2014 - Continues

Post Graduate, Cukurova University, Mühendislik Mimarlık Fakültesi, Bilgisayar Mühendisliği, Turkey 2011 - 2013

Under Graduate, Cukurova University, Mühendislik Mimarlık Fakültesi, Bilgisayar Mühendisliği, Turkey 2005 - 2010

Research Areas

Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Evolutionary Computing, Neural Networks, Software, Engineering and Technology

Academic Titles / Tasks

Assistant Professor, Cukurova University, Mühendislik Mimarlık Fakültesi, Bilgisayar Mühendisliği, 2017 - Continues

Research Assistant, Cukurova University, Mühendislik Mimarlık Fakültesi, Bilgisayar Mühendisliği, 2011 - 2017

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

- **PATTERN LAYER REDUCTION FOR A GENERALIZED REGRESSION NEURAL NETWORK BY USING A SELF-ORGANIZING MAP**
KARTAL S., ORAL M., ÖZYILDIRIM B. M.
INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE, vol.28, pp.411-424, 2018 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Genelleştirilmiş regresyon yapay sinir ağı örüntü katman büyüklüğünü azaltmak için kümeleme tabanlı bir yaklaşım**
ORAL M., KARTAL S., ÖZYILDIRIM B. M.
Pamukkale Üniversitesi Mühendislik Bilimleri Dergisi, no.1000, 2018 (National Refreed University Journal)
- **A cluster based approach to reduce pattern layer size for generalized regression neural network**
ORAL M., KARTAL S., ÖZYILDIRIM B. M.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.24, pp.857-863, 2018 (Journal Indexed in ESCI)
- **Genetik Algoritma Yaklaşımı ile Şantiye Yerleşim Planlaması**
ORAL M., KARTAL S., ORAL E.
Çukurova Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, vol.31, no.10, pp.93-102, 2016 (National Refreed University Journal)

Refereed Congress / Symposium Publications in Proceedings

- **XOR and Sparse String Based Image Compression Algorithm**

ORAL M., KARTAL S., AYDIN A.

International Advanced Researches and Engineering Congress, Osmaniye, Turkey, 14 - 16 November 2017, pp.1337-1344

- **Comparison of Deep Convolutional Neural Network Structures The effect of layer counts and kernel sizes**

KARTAL S., ÖZYILDIRIM B. M.

Fourth International Conference on Advances in Information Processing and Communication Technology - IPCT 2016, Roma, Italy, 18 - 19 August 2016, pp.16-19

- **A Novel Swarm Based Approach to Color Quantization**

POORSADEG A., ORAL M., KARTAL S.

2nd International Conference on Computation For Science and Technology, Niğde, Turkey, 01 July 2012, pp.1-12

- **Two Dimensional Shape Allocations with Artificial Bee Colony**

KARTAL S., ORAL M., POORSADEG A.

2nd International Conference on Computation For Science and Technology, Niğde, Turkey, 01 June 2012, pp.1-8

Supported Projects

ÖZYILDIRIM B. M. , ORAL M., KARTAL S., Project Supported by Higher Education Institutions, Diyabetik Retinopati Tanısı için Derin Öğrenme Yapay Sinir Ağı Modelinin Geliştirilmesi, 2017 - 2018

ORAL M., KARTAL S., AYDIN A., Project Supported by Higher Education Institutions, Gri Seviye Görüntüler İçin Mantıksal ve Seyrek Dizge Tabanlı Yeni bir Kayıpsız Sıkıştırma Algoritması Geliştirilmesi, 2017 - 2018

ORAL M., KARTAL S., ORAL E., Project Supported by Higher Education Institutions, GENETİK ALGORİTMA YAKLAŞIMI İLE ŞANTİYE YERLEŞİM PLANI HAZIRLANMASI, 2016 - 2016

Citations

Total Citations (WOS):1

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