

Res. Asst. PhD Emrah HANÇER

Personal Information

Email: emrahhancer@erciyes.edu.tr

Web: <https://avesis.erciyes.edu.tr/emrahhancer/>

Education Information

Doctorate, Erciyes University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Turkey 2012 - 2016

Doctorate, Victoria University of Wellington, School Of Engineering And Computer Science, New Zealand 2014 - 2015

Postgraduate, Erciyes University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Turkey 2011 - 2012

Postgraduate, Ankara University, Bilgisayar Mühendisliği, Turkey 2009 - 2011

Undergraduate, Cankaya University, Matematik-Bilgisayar Bilimleri(Burslu), Turkey 2004 - 2009

Dissertations

Postgraduate, Topografik haritalardan yükseklik çizgilerinin otomatik çekilmesi ve oluşan hataların giderilmesi, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, 2012

Research Areas

Technical Sciences, Computer Sciences, Artificial Intelligence, Computer Learning and Pattern Recognition, Pattern Recognition and Image Processing

Academic Titles / Tasks

Research Assistant, Erciyes University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, 2011 - Continues

Research Assistant, Mehmet Akif Ersoy Üniversitesi, Zeliha Tolunay Yüksek Okulu, Bilgisayar Teknolojisi Ve Bilişim Sistemleri, 2010 - 2011

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A binary ABC algorithm based on advanced similarity scheme for feature selection**
Hancer E., XUE B., KARABOĞA D., ZHANG M.
APPLIED SOFT COMPUTING, vol.36, pp.334-348, 2015 (SCI-Expanded)
- II. **Improved clustering criterion for image clustering with artificial bee colony algorithm**
OZTURK C., Hancer E., KARABOĞA D.
PATTERN ANALYSIS AND APPLICATIONS, vol.18, no.3, pp.587-599, 2015 (SCI-Expanded)
- III. **A novel binary artificial bee colony algorithm based on genetic operators**
OZTURK C., Hancer E., KARABOĞA D.
INFORMATION SCIENCES, vol.297, pp.154-170, 2015 (SCI-Expanded)
- IV. **Dynamic clustering with improved binary artificial bee colony algorithm**
OZTURK C., Hancer E., KARABOĞA D.

APPLIED SOFT COMPUTING, vol.28, pp.69-80, 2015 (SCI-Expanded)

V. AUTOMATIC CLUSTERING WITH GLOBAL BEST ARTIFICIAL BEE COLONY ALGORITHM

OZTURK C., Hancer E., KARABOĞA D.

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.29, no.4, pp.677-687, 2014 (SCI-Expanded)

VI. Color Image Quantization: A Short Review and an Application with Artificial Bee Colony Algorithm

ÖZTÜRK C., Hancer E., KARABOĞA D.

INFORMATICA, vol.25, no.3, pp.485-503, 2014 (SCI-Expanded)

VII. A new approach to the reconstruction of contour lines extracted from topographic maps

Samet R., Hancer E.

JOURNAL OF VISUAL COMMUNICATION AND IMAGE REPRESENTATION, vol.23, no.4, pp.642-647, 2012 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. A multi-objective artificial bee colony approach to feature selection using fuzzy mutual information

Hancer E., XUE B., ZHANG M., KARABOĞA D., AKAY B.

IEEE Congress on Evolutionary Computation, CEC 2015, Sendai, Japan, 25 - 28 May 2015, pp.2420-2427

II. A Hybrid Method to the Reconstruction of Contour Lines from Scanned Topographic Maps

Hancer E., Samet R., KARABOĞA D.

IEEE 23rd International Symposium on Industrial Electronics (ISIE), İstanbul, Turkey, 1 - 04 June 2014, pp.930-933

III. Extraction Of Brain Tumors From Mri Images With Artificial Bee Colony Based Segmentation Methodology

HANÇER E., ÖZTÜRK C., KARABOĞA D.

8th International Conference On Electrical And Electronics Engineering (ELECO), Bursa, Turkey, 28 - 30 November 2013, pp.1

IV. ARTIFICIAL BEE COLONY BASED IMAGE CLUSTERING METHOD

Hancer E., ÖZTÜRK C., KARABOĞA D.

IEEE Congress on Evolutionary Computation (CEC), Brisbane, Australia, 10 - 15 June 2012

V. Advanced Contour Reconnection in Scanned Topographic Maps

HANÇER E., Samet R.

AICT 2011, Azerbaijan, 1 - 04 November 2011, pp.1-5

Scientific Refereeing

IET Image Processing, SCI Journal, June 2013

IEEE Image Processing, SCI Journal, September 2012

Metrics

Publication: 12

Citation (WoS): 441

Citation (Scopus): 522

H-Index (WoS): 9

H-Index (Scopus): 9

Congress and Symposium Activities

ELECO'2013, Attendee, Bursa, Turkey, 2013

Scholarships

Java, JSP Eğitim Bursu, Special Institutions and Organizations, 2010 - Continues

Awards

HANÇER E., Mezuniyet Bölüm Üçüncülüğü, Çankaya Üniversitesi, July 2009