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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Inonu University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), Turkey 2013 - 2017

Postgraduate, Inonu University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI), Turkey 2011 - 2013

Undergraduate, Firat University, Faculty Of Engineering, Department Of Computer Engineering, Turkey 2005 - 2010

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, A DECISION SUPPORT SYSTEM BASED ON CONTENT-BASED IMAGE RETRIEVAL FOR BREAST CANCER DIAGNOSIS, Inonu University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (Dr), 2017

Postgraduate, Gradyan tabanlı heterojen öznetelik çıkarma yöntemlerine yeni yaklaşımlar, Inonu University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI), 2013

Academic Titles / Tasks

Research Assistant, Bingol University, Faculty Of Engineering-Architecture, Department Of Computer Engineering, 2017 - Continues

Research Assistant, Inonu University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2011 - 2017

Research Assistant, Morgan State University, School Of Computer, Mathematical, Natural Sciences, Computer Science, 2015 - 2016

Research Assistant, Bingol University, Faculty Of Engineering-Architecture, Department Of Computer Engineering, 2010 - 2011

Published journal articles indexed by SCI, SSCI, and AHCI

I. Robust optimization of SegNet hyperparameters for skin lesion segmentation

Sahin N., Alpaslan N., HANBAY D.

MULTIMEDIA TOOLS AND APPLICATIONS, vol.81, no.25, pp.36031-36051, 2022 (SCI-Expanded)

II. Multi-Scale Shape Index-Based Local Binary Patterns for Texture Classification

- ALPASLAN N., Hanbay K.
IEEE SIGNAL PROCESSING LETTERS, vol.27, pp.660-664, 2020 (SCI-Expanded)
- III. **Multi-Resolution Intrinsic Texture Geometry-Based Local Binary Pattern for Texture Classification**
ALPASLAN N., Hanbay K.
IEEE ACCESS, vol.8, pp.54415-54430, 2020 (SCI-Expanded)
- IV. **Principal curvatures based rotation invariant algorithms for efficient texture classification**
HANBAY K., ALPASLAN N., TALU M. F., HANBAY D.
NEUROCOMPUTING, vol.199, pp.77-89, 2016 (SCI-Expanded)
- V. **Continuous rotation invariant features for gradient-based texture classification**
HANBAY K., ALPASLAN N., TALU M. F., HANBAY D., KARCI A., KOCAMAZ A. F.
COMPUTER VISION AND IMAGE UNDERSTANDING, vol.132, pp.87-101, 2015 (SCI-Expanded)
- VI. **Calculation of melatonin and resveratrol effects on steatosis hepatitis using soft computing methods**
TALU M. F., GÜL M., ALPASLAN N., Yigitcan B.
COMPUTER METHODS AND PROGRAMS IN BIOMEDICINE, vol.111, no.2, pp.498-506, 2013 (SCI-Expanded)

Articles Published in Other Journals

- I. **A Hybrid Methodology Using Heuristic Methods for Two-Dimensional Cutting and Packing Problem with Rectangular Pieces**
Firat H., ALPASLAN N., HANBAY D.
JOURNAL OF POLYTECHNIC-POLITEKNIK DERGISI, vol.22, no.4, pp.979-988, 2019 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **Automated Melanoma Recognition in Dermoscopic Images Based on Extreme Learning Machine (ELM)**
Rahman M. M., ALPASLAN N.
Conference on Medical Imaging - Computer-Aided Diagnosis, Florida, United States Of America, 13 - 16 February 2017, vol.10134
- II. **Breast mass classification in mammogram images based on wavelet transform**
ALPASLAN N., imik ö., HANBAY D.
international conference on natural science and engineering, 19 - 20 March 2016
- III. **Classification of Breast Masses in Mammogram Images using KNN**
ALPASLAN N., Kara A., Zencir B., HANBAY D.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.1469-1472
- IV. **Computer-aided Tumor Detection System Using Brain MR Images**
Ari A., ALPASLAN N., HANBAY D.
Medical Technologies National Conference (TIPTEKNO), Bodrum, Turkey, 15 - 18 October 2015
- V. **Continuous Rotation Invariant Texture Classification Based on CoHOG Algorithm**
ALPASLAN N., HANBAY K., HANBAY D., TALU M. F.
3rd International Eurasian Conference on Mathematical Sciences and Applications (IECMSA-2014), Vienna, Austria, 25 - 28 August 2014, pp.470
- VI. **A NOVEL TEXTURE CLASSIFICATION METHOD BASED ON HESSIAN MATRIX AND PRINCIPAL CURVATURES**
ALPASLAN N., HANBAY K., HANBAY D., TALU M. F.
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.160-163
- VII. **Determining Noise Performance of Co-Occurrence GMuLBP on Object Detection Task**

ALPASLAN N., Turhan M. M., HANBAY D.

6th International Conference on Machine Vision (ICMV), London, Canada, 16 - 17 November 2013, vol.9067

VIII. Biyolojik Dizilerde Graf Tabanlı Örüntü Keşfi

İNCE K., KARCI A., ALPASLAN N., SÜLÜ M., Boy O.

Elektirik Elektronik - Bilgisayar Sempozyumu 2011, Elazığ, Turkey, 4 - 07 May 2011, pp.1

Metrics

Publication: 18

Citation (WoS): 58

Citation (Scopus): 35

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H-Index (Scopus): 3