

Asst. Prof. İSMAİL BURAK PARLAK

Personal Information

Email: bparlak@gsu.edu.tr

Web: <https://avesis.gsu.edu.tr/bparlak>

Education Information

Undergraduate, Galatasaray Üniversitesi, Mühendislik ve Teknoloji Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey
1997 - 2001

Research Areas

Computer Sciences, Computer Vision, Artificial Intelligence, Computer Learning and Pattern Recognition, Natural Language Processing, Text/Document Processing, Pattern Recognition and Image Processing, Neural Networks, Biomedical Engineering, Biomedical Image Processing, Telemedicine

Academic Titles / Tasks

Research Assistant, Galatasaray Üniversitesi, Mühendislik ve Teknoloji Fakültesi, Bilgisayar Mühendisliği Bölümü, 2001 - Continues

Advising Theses

PARLAK İ. B. , TURKISH MEDICAL TEXT PARSING AND CLASSIFICATION, Postgraduate, A.BARDIZ(Student), 2019
PARLAK İ. B. , Multiclass analysis of automatic text classification techniques, Postgraduate, S.FRANKO(Student), 2018
PARLAK İ. B. , DERİN ÖĞRENME TEKNİKLERİ İLE TÜRKÇE METİNLERDE DUYGU ANALİZİ, Postgraduate, Ç.ÜNAL(Student), 2018

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

- I. **Finite-interval-valued Type-2 Gaussian fuzzy numbers applied to fuzzy TODIM in a healthcare problem**
Tolga A. Ç. , Parlak İ. B. , Castillo O.
ENGINEERING APPLICATIONS OF ARTIFICIAL INTELLIGENCE, vol.87, 2020 (Journal Indexed in SCI)
- II. **Evaluation of Knowledge Management Tools by Using An Interval Type-2 Fuzzy TOPSIS Method**
Büyüközkan Feyzioğlu G., Parlak İ. B. , Tolga A. Ç.
INTERNATIONAL JOURNAL OF COMPUTATIONAL INTELLIGENCE SYSTEMS, vol.9, pp.812-826, 2016 (Journal Indexed in SCI)
- III. **BUBBLE STREAM REVEALS FUNCTIONALITY OF THE RIGHT-TO-LEFT SHUNT: DETECTION OF A POTENTIAL SOURCE FOR AIR EMBOLISM**
Parlak I. B. , EGİ S. M. , ADEMOĞLU A., Germonpre P., Esen O. B. , Marroni A., Balestra C.
ULTRASOUND IN MEDICINE AND BIOLOGY, vol.40, no.2, pp.330-340, 2014 (Journal Indexed in SCI)

Books & Book Chapters

- I. **Health Informatics**
Parlak İ. B. , Tolga A. Ç.
in: Operations Research Applications in Healthcare Management, Kahraman Cengiz,Topçu,Y. İlker, Editor, Springer-Verlag , Berlin, pp.423-460, 2018
- II. **Fuzzy Probability Theory I: Discrete Case**
Parlak İ. B. , Tolga A. Ç.
in: Fuzzy Statistical Decision Making Theory and Applications, Kahraman,C.,Kabak,Ö., Editor, Springer-Verlag , Berlin, pp.13-34, 2016
- III. **Fuzzy Probability Theory II: Continuous Case**
Tolga A. Ç. , Parlak İ. B.
in: Fuzzy Statistical Decision Making Theory and Applications, Kahraman,C.,Kabak,Ö., Editor, Springer-Verlag , Berlin, pp.35-54, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. **EVALUATION OF MEDICAL DEVICES USING FUZZY TOPSIS WITH TYPE-2 FUZZY NUMBERS**
PARLAK İ. B. , Tolga A. C.
11th International Conference on Fuzzy Logic and Intelligent Technologies in Nuclear Science (FLINS), Joao Pessoa, Brazil, 17 - 20 August 2014, vol.9, pp.48-54
- II. **EMPLOYING AN INTERVAL TYPE-2 FUZZY TOPSIS METHOD FOR KNOWLEDGE MANAGEMENT TOOL EVALUATION**
BÜYÜKÖZKAN FEYZİOĞLU G., PARLAK İ. B. , TOLGA A. Ç.
11th International Conference on Fuzzy Logic and Intelligent Technologies in Nuclear Science (FLINS), Joao Pessoa, Brazil, 17 - 20 August 2014, vol.9, pp.55-61
- III. **Tip 2 bulanık sayılar ile TOPSIS kullanarak medikal görüntüleme sistemlerinin seçimi**
PARLAK İ. B. , TOLGA A. Ç.
Yöneyem Araştırması ve Endüstri Mühendisliği 34. Ulusal Kongresi (YA/EM 14), Turkey, 25 - 27 June 2014
- IV. **A Neuro-fuzzy Approach of Bubble Recognition in Cardiac Video Processing**
PARLAK İ. B. , EĞİ S. M. , ADEMOĞLU A., Balestra C., Germonpre P., Marroni A., Aydin S.
International Conference on Digital Information and Communication Technology and Its Applications, Dijon, France, 21 - 23 June 2011, vol.166, pp.277-279
- V. **Automatic bubble detection with neural networks on post decompression frames Post dekompresyon imgelerinde yapay sinir ağılarıyla otomatik kabarcık tesbiti**
PARLAK İ. B. , EĞİ S. M. , Ademoğlu A., Balestra C., Germonpre P., Marroni A., AYDIN S.
2010 15th National Biomedical Engineering Meeting, BIYOMUT2010, Antalya, Turkey, 21 - 24 April 2010
- VI. **Bubble Detection on Left Atrium Related With Patent Foramen Ovale**
PARLAK İ. B. , EĞİ S. M. , ADEMOĞLU A., Germonpre P., Esen O. B. , Aydin S., Tekin S., Balestra C., Marroni A.
14th National Biomedical Engineering Meeting, İzmir, Turkey, 20 - 22 May 2009, pp.443-444
- VII. **Vibrations of a circular membrane subjected to a pulse**
Korfali O., PARLAK İ. B.
7th International Conference on Vibration Problems (ICOVP 2005), İstanbul, Turkey, 5 - 09 September 2005, vol.111, pp.291-292

Supported Projects

PARLAK İ. B. , Project Supported by Higher Education Institutions, ÇOK BİÇİMLİ BİLGİ ÇIKARIMINDA GÜNCEL YAKLAŞIMLAR GELİŞTİRİLMESİ, 2018 - 2020

Citations

Total Citations (WOS):45

h-index (WOS):3