

Personal Information

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Education Information

Doctorate, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, Turkey 2017 - Continues

Under Graduate, Anadolu Üniversitesi, İşletme Fakültesi, İşletme, Turkey 2016 - Continues

Post Graduate, Muğla Sıtkı Koçman Üniversitesi, Fen Bilimleri Enstitüsü, Bilişim Sistemleri Mühendisliği, Turkey 2014 - 2016

Under Graduate, Süleyman Demirel Üniversitesi, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2008 - 2012

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Post Graduate, Akıllı Cihaz Algılayıcıları ile Aktivite ve Ulaşım Türü Tespiti, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Bilişim Sistemleri Mühendisliği, 2016

Academic Titles / Tasks

Research Assistant, Ege Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği, 2017 - Continues

Research Assistant, Muğla Sıtkı Koçman Üniversitesi, Teknoloji Fakültesi, Bilişim Sistemleri Mühendisliği, 2014 - 2017

Lecturer, Aydın Adnan Menderes Üniversitesi, Yenipazar Meslek Yüksek Okulu, Yenipazar Meslek Yüksek Okulu, 2013 - 2014

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

- I. **Stress Detection via Keyboard Typing Behaviors by Using Smartphone Sensors and Machine Learning Techniques**
Sağbaşı E. A. , Korukoglu S., Balli S.
JOURNAL OF MEDICAL SYSTEMS, vol.44, is.4, 2020 (Journal Indexed in SCI)
- II. **Human activity recognition from smart watch sensor data using a hybrid of principal component analysis and random forest algorithm**
Balli S., Sagbas E. A. , Peker M.
MEASUREMENT & CONTROL, vol.52, pp.37-45, 2019 (Journal Indexed in SCI)
- III. **Diagnosis of transportation modes on mobile phone using logistic regression classification**
Balli S., Sagbas E. A.
IET SOFTWARE, vol.12, is.2, pp.142-151, 2018 (Journal Indexed in SCI)

ARTICLES PUBLISHED IN OTHER JOURNALS

- I. **Akıllı Saat Algılayıcıları ile İnsan Hareketlerinin Sınıflandırılması**
BALLI S., SAĞBAŞ E. A.
SÜLEYMAN DEMİREL ÜNİVERSİTESİ FEN BİLİMLERİ ENSTİTÜSÜ DERGİSİ, vol.21, is.3, pp.980-990, 2017 (National Refreed University Journal)
- II. **Transportation mode detection by using smartphone sensors and machine learning**
Sagbas E. A. , Balli S.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSİTESİ MUHENDİSLİK BİLİMLERİ DERGİSİ, vol.22, no.5, pp.376-383, 2016 (Journal Indexed in ESCI)

Books & Book Chapters

- I. **A Mobile Solution Based on Soft Computing for Fall Detection**
BALLI S., SAĞBAŞ E. A. , PEKER M.
in: Mobile Solutions and Its Usefulness in Everyday Life, Paiva S., Editor, Springer, Cham, pp.275-294, 2019
- II. **Predicting Human Actions using a Hybrid of ReliefF Feature Selection and Kernel-Based Extreme Learning Machine**
PEKER M., BALLI S., SAĞBAŞ E. A.
in: Predictive Modeling and Optimization Methods in Science and Engineering, Kim D., Samui P., Editor, Igi Global, Hershey, pp.379-397, 2018
- III. **The Usage of Statistical Learning Methods on Wearable Devices and a Case Study: Activity Recognition on Smartwatches**
BALLI S., SAĞBAŞ E. A.
in: Advances in Statistical Methodologies and Their Applications to Real Problems, Tsukasa H., Editor, Intech, Rijeka, pp.259-277, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **Yüz İfadesi Tanıma için Topluluk Öğrenme Yöntemlerinin Performans Değerlendirmesi ~ Performance Evaluation of Ensemble Learning Methods for Facial Expression Recognition**
Sağbaşı E. A. , Uğur A., Korukoğlu M. S.
2019 Innovations in Intelligent Systems and Applications Conference (ASYU), İzmir, Turkey, 31 October - 02 November 2019, pp.1-5
- II. **Design of Smartwatch-Assisted Fall Detection System via Smartphone**
BALLI S., SAĞBAŞ E. A. , KORUKOĞLU M. S.
Signal Processing and Communications Applications Conference, İzmir, Turkey, 02 May 2018, pp.1-4
- III. **Real-Time Transportation Mode Detection with Smartphone Motion Sensors**
BALLI S., SAĞBAŞ E. A. , KORUKOĞLU M. S.
1st International Conference on Intelligent Transportation Systems, Balıkesir, Turkey, 19 - 21 April 2018, pp.45
- IV. **Evaluation of Sustainable Transportation Systems by Fuzzy VIKOR Method**
BALLI S., DİKMEN E., SAĞBAŞ E. A.
International Conference on Transportation Systems, Balıkesir, Turkey, 19 April 2018, pp.53-55
- V. **How Do Young People Start Coding Education?**
BALLI S., SAĞBAŞ E. A. , ŞEN F.
II. International Youth Researches Congress, Muğla, Turkey, 25 October 2017, pp.35
- VI. **Twitter Sentiment Analysis of Popular Accounts Followed by Young People**
BALLI S., SAĞBAŞ E. A. , ÇOBAN A., ILGAZ K. K.
II. International Youth Researches Congress, Muğla, Turkey, 25 October 2017, pp.57
- VII. **Activity Detection by Voting Method via Motion Sensors**
SAĞBAŞ E. A. , BALLI S.

- International Conference on Computer Science and Engineering, Antalya, Turkey, 05 October 2017, pp.60-64
- VIII. **A novel approach for transportation mode detection: Combining t-SNE Manifold Learning and Support Vector Machines**
SAĞBAŞ E. A. , PEKER M., BALLI S.
International Artificial Intelligence and Data Processing Symposium, Malatya, Turkey, 16 September 2017, pp.1-5
- IX. **Estimation of Human Activities by Using Wrist Movements**
SAĞBAŞ E. A. , BALLI S.
3. International Management Information Systems Conference, İzmir, Turkey, 06 October 2016, pp.52-58
- X. **Social Media and Its Effects on Young People**
SAĞBAŞ E. A. , BALLI S., ŞEN F.
I. International Youth Researches Congress, Muğla, Turkey, 27 May 2016, pp.153-163
- XI. **Akıllı Telefon Sensör Verileri ile Eylem Tanımada Lojistik Regresyon ve kNN Yöntemlerinin Karşılaştırılması**
SAĞBAŞ E. A. , BALLI S.
1st International Conference on Engineering Technology and Applied Sciences, Afyon, Turkey, 21 April 2016, pp.894-899
- XII. **Veri Madenciliği Yöntemlerinin İnşaat Sektörüne Uygulanması**
YILDIZ T., SAĞBAŞ E. A. , BALLI S.
1st International Conference on Engineering Technology and Applied Sciences, Afyon, Turkey, 21 April 2016, pp.1342-1346
- XIII. **Giyilebilir Akıllı Cihazlar: Dünü, Bugünü ve Geleceği**
SAĞBAŞ E. A. , BALLI S., YILDIZ T.
Akademik Bilişim Konferansı, Aydın, Turkey, 03 February 2016, pp.749-756
- XIV. **Akıllı Telefon Sensörlerinin Kullanımı ve Ham Sensör Verilerine Erişim**
SAĞBAŞ E. A. , BALLI S.
Akademik Bilişim Konferansı, Eskişehir, Turkey, 04 February 2015, pp.158-164
- XV. **Küresel Konumlama Servisi Kullanarak Araç Takibi ve Mobil Cihazlar Arası Haberleşme**
SAĞBAŞ E. A.
Akademik Bilişim Konferansı, Mersin, Turkey, 05 February 2015, pp.129-132

Citations

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