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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: V-6254-2018

ScopusID: 55308248900

Education Information

Doctorate, Institut National des Sciences Appliquées (I.N.S.A.) de Lyon, Informatique, France 2015 - 2017

Postgraduate, Galatasaray University, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), Turkey 2010 - 2012

Undergraduate, Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2006 - 2010

Foreign Languages

French, B2 Upper Intermediate

English, B2 Upper Intermediate

Dissertations

Doctorate, Sustainable Declarative Monitoring Architecture: Energy optimisation of interactions between application service oriented queries and wireless sensor devices: Smart Building Applications, Institut National Des Sciences Appliquées (I.N.S.A.) De Lyon, Informatique, 2017

Postgraduate, Application specific energy performance enhancement in wireless body area networks, Galatasaray Üniversitesi, Fen Bilimleri Enstitüsü, Bilgisayar Mühendisliği (YI) (Tezli), 2012

Research Areas

Computer Sciences

Academic Titles / Tasks

Assistant Professor, Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Bilgisayar Mühendisligi, 2020 - Continues

Research Assistant, Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Bilgisayar Mühendisligi, 2010 - 2020

Academic and Administrative Experience

Assistant Director of the Institute, Galatasaray University, Fen Bilimleri Enstitüsü, 2022 - Continues

Director of the Center, Galatasaray University, Mühendislik Ve Teknoloji Fakültesi, Bilgisayar Mühendisliği, 2020 - Continues

Courses

Web Programlamaya Giriş, Undergraduate, 2019 - 2020

Veri Yapıları ve Algoritmalar, Undergraduate, 2019 - 2020

Algorithmique et structures de données, Undergraduate, 2018 - 2019

Introduction à la Programmation Web, Undergraduate, 2018 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Application-Aware Dynamic Energy Management for Portable Devices**
PINARER Ö., Ozgovde A.
COMPUTER, vol.52, no.11, pp.62-72, 2019 (Peer-Reviewed Journal)
- II. **Dynamic energy-aware sensor configuration in multi-application monitoring systems**
Pinarer O., Gripay Y., Servigne S., Ozgovde A., Baskurt A.
PERVASIVE AND MOBILE COMPUTING, vol.41, pp.192-204, 2017 (Peer-Reviewed Journal)

Articles Published in Other Journals

- I. **Analyzing the Relationship Between Air Pollution, Tobacco Use with Lung Diseases via Data Engineering Approach**
PINARER Ö.
TURKISH THORACIC JOURNAL, vol.22, no.4, pp.289-296, 2021 (Peer-Reviewed Journal)
- II. **Real-Time Smart Building Management System Prototype with Wireless Sensor Network Integration with Building Information Modeling**
Pinarer Ö.
Bitlis Eren Üniversitesi Fen Bilimleri Dergisi, vol.10, no.1, pp.207-2016, 2021 (Peer-Reviewed Journal)
- III. **COVID-19 Pandemic and the Global Perspective of Turkish Thoracic Society**
KÖKTÜRK N., İtil B. O., Altinisik G., Adiguzel N., AKGÜN M., Akyildiz L., Altin S., Arikan H., Ates G., Ay P., et al.
TURKISH THORACIC JOURNAL, vol.21, no.6, pp.419-432, 2020 (Peer-Reviewed Journal)
- IV. **Improving the Energy Efficiency of Wearable Computing Units Using on Sensor Fifo Memory**
PINARER Ö., ÖZGÖVDE B. A.
International Journal of e-Education, e-Business, e-Management and e-Learning, vol.5, no.2, pp.105-113, 2015 (Peer-Reviewed Journal)
- V. **Wireless health monitoring for multiple patients on android phone with embedded computation**
PINARER Ö., Parmaksiz A., Ibrahim A., ARSLAN R. B., ÖZGÖVDE B. A.
Biomedical Engineering, vol.9, no.1, pp.569, 2012 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Vertical Farming: Under Climate Change Effect**
NASKALI A. T., PINARER Ö., TOLGA A. Ç.
in: Environment and Climate-smart Food Production, Charis M. Galanakis, Editor, Springer, pp.259-284, 2022
- II. **Blozincir Teknolojisi: Araştırma Alanlarının İncelenmesi**

PINARER Ö.

in: Mühendislikte Güncel Konular, Hameş Yakup, Editor, NOBEL Akademik Yayıncılık, pp.31-50, 2018

Refereed Congress / Symposium Publications in Proceedings

- I. **Artificial Intelligence driven Vertical Farming Management System**
Siropyan M., Celikel O., Pınarer Ö.
29th World Congress on Engineering (WCE 2022) , 6 - 08 July 2022, pp.108-113
- II. **3D Mesh Model Generation from CT and MRI data**
Koc C., PINARER Ö., TURHAN S. N.
2021 IEEE International Conference on Big Data, Atalanta, United States Of America, 15 - 18 December 2021, vol.1, pp.4725-4730
- III. **Pandemic Effect: Degradation of Speech Reception Due to Medical Masks**
Pınarer Ö., Turhan S. N.
2020 IEEE International Conference on Big Data (Big Data), Georgia, United States Of America, 10 - 13 December 2020, pp.1-7
- IV. **Respiratory Rate Prediction Algorithm based on Pulse Oximeter**
Cetinkaya N., Turhan S. N. , PINARER Ö.
2021 IEEE International Conference on Big Data, Big Data 2021, Virtual, Online, United States Of America, 15 - 18 December 2021, pp.4652-4658
- V. **Regional Analysis of Death Rate due to Air Pollution in Turkey and its Neighbors**
Karazag Y. E. , Turhan S. N. , PINARER Ö., NASKALİ A. T.
2019 IEEE International Conference on Big Data, Big Data 2019, California, United States Of America, 9 - 12 December 2019, pp.2746-2755
- VI. **Data Similarity Analysis on Air Pollution Data Hava Kirliliği Verisi Üzerinde Veri Benzerliği İncelemesi**
Karazag Y. E. , Akturk I., Turhan S. N. , PINARER Ö.
2019 Innovations in Intelligent Systems and Applications Conference, ASYU 2019, İzmir, Turkey, 31 October - 02 November 2019
- VII. **Query Performance Evaluation over Health Data**
Turhan S. N. , Pınarer Ö.
11th International Conference e-Health 2019, Porto, Portugal, 17 - 19 July 2019, pp.1
- VIII. **Web Service Solution for Adverse Drug Events and Medication Errors**
Pınarer Ö., Turhan S. N.
2018 IEEE International Conference on Big Data, Big Data 2018, Washington, United States Of America, 10 - 13 December 2018, pp.2449-2452
- IX. **Designing a novel smart home monitoring system with the integration of BIM and WSN**
Corekci M., PINARER Ö., Servigne S.
12th International Conference on ICT, Society and Human Beings, ICT 2019, 5th International Conference on Connected Smart Cities, CSC 2019 and the 16th International Conference on Web Based Communities and Social Media, WBC 2019, Porto, Portugal, 17 - 19 July 2019, pp.184-190
- X. **Query performance evaluation over health data**
Turhan S., PINARER Ö.
11th International Conference on e-Health 2019, EH 2019, Porto, Portugal, 17 - 19 July 2019, pp.101-108
- XI. **Merkezi Sterilizasyon Üniteleri 3letimi için Akll SistemModellemesi**
TURHAN S. N. , PINARER Ö., FINDIK A.
Akıllı Sistemlerde Yenilik ve Uygulamaları Konferansı ASYU 2017, Turkey, 5 - 07 October 2017
- XII. **Laser Barcode-based Surgical Instrument Tracking System**
Findik A., PINARER Ö., Turhan S.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017

- XIII. HETEROGENEOUS SENSOR DATA EXPLORATION AND SUSTAINABLE DECLARATIVE MONITORING ARCHITECTURE: APPLICATION TO SMART BUILDING**
 Servigne S., Gripay Y., Pinarer O., Samuel J., Ozgovde A., Jay J.
 1st International Conference on Smart Data and Smart Cities, Split, Croatia, 7 - 09 September 2016, pp.97-104
- XIV. Energy Enhancement of Multi-application Monitoring Systems for Smart Buildings**
 Pinarer O., Gripay Y., Servigne S., Ozgovde A.
 28th International Conference on Advanced Information Systems Engineering (CAiSE), Ljubljana, Slovenia, 13 - 17 June 2016, vol.249, pp.131-142
- XV. Real-Time Multi-Application based Sensor Flux Management**
 Pinarer O., Gripay Y., Servigne S., Ozgovde A.
 24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.765-768
- XVI. APPLICATION SPECIFIC DYNAMIC SLEEP SCHEDULING**
 PINARER Ö., Ozgovde A.
 23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.1765-1768
- XVII. CHARACTERIZATION OF MOBILE APPLICATIONS ACCORDING TO THEIR ENERGY CONSUMPTIONS**
 PINARER Ö., Ozgovde A.
 22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.1995-1998
- XVIII. Energy aware activity level monitoring with accelerometers**
 PINARER Ö., ARSLAN R. B. , ÖZGÖVDE B. A.
 16th National Biomedical Engineering Meeting (BIYOMUT2012), Turkey, 3 - 05 October 2012
- XIX. Wireless health monitoring of multiple patients on android phone with embedded computation**
 PINARER Ö., Parmaksiz A., Avci I., Arslan B., Ozgovde A.
 9th IASTED International Conference on Biomedical Engineering, BioMed 2012, Innsbruck, Austria, 15 - 17 February 2012, pp.569-573
- XX. Wireless monitoring of health data via an open platform**
 PINARER Ö., ARSLAN R. B. , ÖZGÖVDE B. A.
 15th National Biomedical Engineering Meeting (BIYOMUT2011), Turkey, 13 - 16 October 2011
- XXI. Extending the wireless monitoring period for e health applications**
 PINARER Ö., ARSLAN R. B. , ÖZGÖVDE B. A.
 Akademik Bilisim AB'11, Turkey, 2 - 04 February 2011

Activities in Scientific Journals

Pervasive and Mobile Computing, Evaluation Committee Member, 2017 - Continues
 International Journal of Agricultural and Environmental Information Systems (IJAEIS), Evaluation Committee Member, 2017 - Continues

Scientific Refereeing

TUBITAK Project, 1005 - National New Ideas and Products Research Support Program, Galatasaray University, Turkey, May 2020
 International Journal of Digital Innovation in the Built Environment (IJDIBE), Other Indexed Journal, January 2020
 PERVASIVE AND MOBILE COMPUTING, SCI Journal, December 2017
 International Journal of Agricultural and Environmental Information Systems (IJAEIS) Editors-in-Chief: Petraq Papajorgji (Canadian Institute of T, Journal Indexed in ESCI, December 2017

Metrics

Publication: 31

Citation (WoS): 15

Citation (Scopus): 20

H-Index (WoS): 2

H-Index (Scopus): 2