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Personal Information

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International Researcher IDs

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Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Turkey 2011 - 2018

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Turkey 2008 - 2011

Undergraduate, Hacettepe University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, Turkey 2006 - 2008

Dissertations

Doctorate, Çok çekirdekli mimari üzerinde gerçek zamanlı görev zamanlama ve iletişim yönetim algoritmalarının birlikte tasarımı, Hacettepe University, Fen Bilimleri Enstitüsü, 2018

Postgraduate, Torus ağı benzetiminin çok işlemcili mimariler için gerçekleştirimi, Hacettepe University, Fen Bilimleri Enstitüsü, 2011

Research Areas

Computer Sciences

Academic Titles / Tasks

Assistant Professor, Gazi University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, 2021 - Continues

Assistant Professor, Cankaya University, Faculty Of Engineering, Department Of Software Engineering, 2019 - 2021

Research Assistant, Hacettepe University, Mühendislik Fakültesi, Bilgisayar Mühendisliği Bölümü, 2009 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Seasonal Characteristics of Equatorial Plasma Bubbles in Conjugate Hemispheres During 2015**
TİMOÇİN E., TEMUÇİN H., Inyurt S.
GEOMAGNETISM AND AERONOMY, vol.62, no.3, pp.309-323, 2022 (SCI-Expanded)
- II. **Comparative of foF2 Measurements with IRI-2016 Model Predictions for Different Latitudes during Low and High Solar Activity**
Timocin E., Temucin H.
GEOMAGNETISM AND AERONOMY, vol.61, no.3, pp.438-448, 2021 (SCI-Expanded)
- III. **Assessment of improvement of the IRI model for foF2 variability over three latitudes in different hemispheres during low and high solar activities**

Timocin E., Temucin H., Inyurt S., Shah M., Jamjareegulgarn P.
ACTA ASTRONAUTICA, vol.180, pp.305-316, 2021 (SCI-Expanded)

IV. Investigation of equatorial plasma bubble irregularities under different geomagnetic conditions during the equinoxes and the occurrence of plasma bubble suppression

Timocin E., Inyurt S., Temucin H., Ansari K., Jamjareegulgarn P.
ACTA ASTRONAUTICA, vol.177, pp.341-350, 2020 (SCI-Expanded)

V. Analysis of transfer learning for deep neural network based plant classification models

KAYA A., KEÇELİ A. S., Catal C., YALIÇ H. Y., Temucin H., Tekinerdogan B.
COMPUTERS AND ELECTRONICS IN AGRICULTURE, vol.158, pp.20-29, 2019 (SCI-Expanded)

VI. Scheduling computation and communication on a software-defined photonic Network-on-Chip architecture for high-performance real-time systems

Temucin H., İMRE K. M.
JOURNAL OF SYSTEMS ARCHITECTURE, vol.90, pp.54-71, 2018 (SCI-Expanded)

Articles Published in Other Journals

I. Investigation of the Effects of the Geomagnetic Storm and the Düzce Earthquake Observed in November 2021 on the Geomagnetic Field

TİMOÇİN E., Temuçin H., PAMUKÇU O.

Dokuz Eylül Üniversitesi Mühendislik Fakültesi Fen ve Mühendislik Dergisi, vol.25, no.73, pp.239-253, 2023 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. SSL Test Suite: SSL Certificate Test Public Key Infrastructure SSL Test Suit: SSL Sertifikasi Test Açık Anahtar Altyapısı

Simsek M. M., Ergun T., TEMUÇİN H.

30th Signal Processing and Communications Applications Conference, SIU 2022, Safranbolu, Turkey, 15 - 18 May 2022

II. THE EFFECT OF THE SEVERE GEOMAGNETIC STORM OF AUGUST 2018 ON GPS DERIVED TOTAL ELECTRON CONTENT (TEC) OVER ANKARA, TURKEY

TİMOÇİN E., TEMUÇİN H., İNYURT S.

ISPEC 8th INTERNATIONAL CONFERENCE ON ENGINEERING NATURAL SCIENCES, Ankara, Turkey, 12 - 14 June 2020, pp.204-205

III. DEVELOPMENT OF A DATA SCIENCE TOOL FOR DERIVATION FAST AND RELIABLE OF MAGNETOSPHERIC AND IONOSPHERIC DATA FROM INTERNATIONAL DATA CENTERS

TEMUÇİN H., TİMOÇİN E.

ISPEC 8th INTERNATIONAL CONFERENCE ON ENGINEERING NATURAL SCIENCES, Ankara, Turkey, 12 - 14 June 2020, pp.202-203

IV. Incidence rate of Clostridium difficile infection and associated risk factors in hospitalized patients: Hacettepe Adult and Oncology Hospitals

ER G. A., ŞENER B., METİN B. C., ÇAKIR B., TEMUÇİN H., AŞÇIOĞLU S., SAİN GÜVEN G., ÜNAL S.

27TH ECCMID, The Conference of ESCMID, Vienna, Austria, 22 - 25 April 2017

V. A photonic-based sensor data distribution approach for a real-time multi-processor system

Temucin H., İMRE K. M.

25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017

Supported Projects

Temuçin H., Technopark, Kariyer Platformları için Bulut tabanlı bir arama motoru altyapısı geliştirilmesi, 2022 - 2022

Temuçin H., Keçeli A. S., Kaya A., Yalç H. Y., Project Supported by Other Official Institutions, GÖRME SORUNU

YAŞAYANLAR İÇİN BULUT TABANLI SOSYAL YAŞAMA YARDIMCI YAZILIM ODAKLI BİRPLATFORMUN GELİŞTİRİLMESİ,
2017 - 2019

Metrics

Publication: 12

Citation (WoS): 112

Citation (Scopus): 98

H-Index (WoS): 3

H-Index (Scopus): 3