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Personal Information

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Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Biyomedikal Mühendisliği, Turkey 2019 - Continues
Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Biyomedikal Mühendisliği, Turkey 2016 - 2019
Undergraduate Double Major, Erciyes University, Mühendislik Fakültesi, Elektrik- Elektronik Mühendisliği , Turkey 2012 - 2015
Undergraduate, Erciyes University, Mühendislik Fakültesi, Biyomedikal Mühendisliği , Turkey 2011 - 2015

Certificates, Courses and Trainings

Foreign Language, İngilizce, Middle East Technical University, 2016

Dissertations

Postgraduate, Analiz ve Proses Takip Çalışmaları İçin Ultrasonik Cihaz Tasarımı ve Üretimi, Cukurova University, Fen Bilimleri Enstitüsü, Biyomedikal Mühendisliği, 2019

Research Areas

Biomedical Engineering, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Cukurova University, Mühendislik Fakültesi, Biyomedikal Mühendisliği, 2016 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

I. **The Design of Low-Cost Stand-Alone Microcontroller-Based Wireless Ultrasonic System for Process Monitoring and Analysis**
KESKİNOĞLU C., AYDIN A.
JOURNAL OF ULTRASOUND IN MEDICINE, vol.41, no.10, pp.2577-2589, 2022 (SCI-Expanded)
II. **Ultrasound based noninvasive real-time cell proliferation process monitoring.**

Keskinoğlu C., Aydın A.
The Journal of the Acoustical Society of America, vol.149, no.5, pp.3345, 2021 (SCI-Expanded)

III. **Wearable wireless low-cost electrogoniometer design with Kalman filter for joint range of motion measurement and 3D modeling of joint movements**
KESKİNOĞLU C., AYDIN A.
PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART H-JOURNAL OF ENGINEERING IN MEDICINE, vol.235, no.2, pp.222-231, 2021 (SCI-Expanded)

IV. **Noninvasive determination of the amount of ethanol in liquid mixtures by ultrasound using bilinear interpolation method**
AYDIN A., KESKİNOĞLU C., Kökbaş U., TULİ A.
Journal of the Mexican Chemical Society, vol.64, no.1, pp.41-45, 2020 (SCI-Expanded)

Articles Published in Other Journals

I. **EOG - Based Computer Control System for People with Mobility Limitations**
KESKİNOĞLU C., AYDIN A.
European Journal of Science and Technology, vol.0, no.26, pp.256-261, 2021 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. **AUDIOMETER DESIGN AND TEST WITH BONE CONDUCTION HEADPHONES FOR ENGINEERING EDUCATION**
Keskinoğlu C., Aydın A.
7th INTERNATIONAL ZEUGMA CONFERENCE ON SCIENTIFIC RESEARCHES, Gaziantep, Turkey, 21 - 23 January 2022, pp.278-284

II. **Mouse Cursor Control with EOG and Microcontroller-Based System**
KESKİNOĞLU C., AYDIN A.
3rd International Congress on Human-Computer Interaction, Optimization and Robotic Applications, Turkey, 11 June 2021, pp.74

III. **Tracing of Reproduction Processes in Cell Cultures by Ultrasonic Method**
KESKİNOĞLU C., AYDIN A.
International Eurasian Conference on Science, Engineering and Technology, Ankara, Turkey, 22 - 23 November 2018

IV. **Low-Cost Electrogoniometer with Complementary Filter**
KESKİNOĞLU C., AYDIN A.
9th International Biomechanics Congress, Eskişehir, Turkey, 19 - 22 September 2018, pp.201

V. **Burun Kemiği Kırıklarının Teşhisinde Ultrasonun Önemi**
Keskinoğlu C.
IMSEC, Adana, Turkey, 25 - 27 October 2017, pp.1159-1166

Other Publications

I. Keskinoğlu C.
Technical Report, pp.3-6, 2021

Supported Projects

AVCI M., GÜVEN M., BAYSAL C. V., AYDIN A., İSTANBULLU M., ÖDEMİŞ E., KESKİNOĞLU C., Project Supported by Higher

Education Institutions, BİYOMEDİKAL MÜHENDİSLİĞİ BÖLÜMÜ LİSANS ÖĞRENCİ LABORATUVARLARININ GENİŞLETİLMESİ VE GELİŞTİRİLMESİ, 2018 - 2019

Memberships / Tasks in Scientific Organizations

IEEE, Member, 2024 - Continues, Turkey

Metrics

Publication: 12
Citation (WoS): 2
Citation (Scopus): 3
H-Index (WoS): 1
H-Index (Scopus): 1