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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAZ-5486-2020

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Education Information

Doctorate, University of Manchester Institute of Science and Technology (UMIST), Elektrik-Elektronik Mühendisliği, England 1997 - 2001

Postgraduate, Brunel University, England 1995 - 1997

Undergraduate, Middle East Technical University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 1988 - 1993

Dissertations

Doctorate, Characterisation of UMTS FDD Channels, University of Manchester Institute of Science and Technology (UMIST), Elektrik-Elektronik Mühendisliği, 2001

Postgraduate, Video Conferencing in Distance Learning, Brunel University, 1997

Academic Titles / Tasks

Associate Professor, Ondokuz Mayıs University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2018 - Continues

Research Assistant, Brunel University, 2010 - 2016

Lecturer, Ondokuz Mayıs University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 2002 - 2010

Research Assistant, Ondokuz Mayıs University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, 1994 - 2001

Academic and Administrative Experience

Ondokuz Mayıs University, 2018 - Continues

Ondokuz Mayıs University, 2002 - 2010

Ondokuz Mayıs University, 2005 - 2008

Courses

Mikrodalga Dizgeleri, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
 Radar İşaret İşleme, Doctorate, 2020 - 2021, 2019 - 2020
 Antenler ve Propagasyon, Undergraduate, 2020 - 2021, 2019 - 2020
 Electromagnetic Wave Theory, Postgraduate, 2020 - 2021
 Mikrodalga Tekniği, Undergraduate, 2020 - 2021, 2019 - 2020
 Electromagnetic Wave Theory, Undergraduate, 2019 - 2020, 2018 - 2019
 Elektromanyetik Dalga Yayılımı, Postgraduate, 2019 - 2020
 Elektromagnetik Dalga Yayılması, Postgraduate, 2018 - 2019
 Elektrik Mühendisliğinde Özel Konular, Doctorate, 2018 - 2019
 Microprocessors, Undergraduate, 2018 - 2019
 Microprocessors Lab, Undergraduate, 2018 - 2019
 Circuit Theory, Undergraduate, 2017 - 2018
 Antenler ve Propagasyon, Undergraduate, 2017 - 2018
 Mikrodalga Tekniği, Undergraduate, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Coherence Bandwidth and Its Relation to Other Channel Metrics for Urban Mobile Radio Channels at 2 GHz**
 GÖKALP CLARKE H.
 IEEE ANTENNAS AND WIRELESS PROPAGATION LETTERS, vol.19, no.8, pp.1410-1414, 2020 (SCI-Expanded)
- II. **Doppler filtering approach to reduce the effect of in-band interference in FMCW propagation data**
 Gokalp H.
 ELECTRONICS LETTERS, vol.56, no.4, pp.209-210, 2020 (SCI-Expanded)
- III. **Online training improves medical students' ability to recognise when a person is dying: The ORaCIES randomised controlled trial**
 White N., Oostendorp L. J. M., Tomlinson C., Yardley S., Ricciardi F., GÖKALP CLARKE H., Minton O., Boland J. W., Clark B., Harries P., et al.
 PALLIATIVE MEDICINE, vol.34, no.1, pp.134-144, 2020 (SCI-Expanded)
- IV. **Integrated Telehealth and Telecare for Monitoring Frail Elderly with Chronic Disease**
 Gokalp H., de Folter J., Verma V., Fursse J., Jones R., Clarke M.
 TELEMEDICINE AND E-HEALTH, vol.24, no.12, pp.940-957, 2018 (SCI-Expanded)
- V. **Enhanced referral prioritisation for acute adult dietetic services: A randomised control trial to test a web-based decision training tool**
 Harries P., GÖKALP CLARKE H., Davies M., Tomlinson C., Hickson M.
 CLINICAL NUTRITION, vol.37, no.5, pp.1456-1461, 2018 (SCI-Expanded)
- VI. **A randomised controlled trial to test the effectiveness of decision training on assessors' ability to determine optimal fitness-to-drive recommendations for older or disabled drivers**
 Harries P., Unsworth C., Gokalp H., Davies M., Tomlinson C., Harries L.
 BMC Medical Education, vol.18, no.1, 2018 (SCI-Expanded)
- VII. **Dynamic Threshold Analysis of Daily Oxygen Saturation for Improved Management of COPD Patients**
 Clarke M., Gokalp H., Fursse J., Jones R. W.
 IEEE Journal of Biomedical and Health Informatics, vol.20, no.5, pp.1352-1360, 2016 (SCI-Expanded)
- VIII. **Monitoring activities of daily living of the elderly and the potential for its use in telecare and telehealth: A review**
 Gokalp H., Clarke M.
 Telemedicine and e-Health, vol.19, no.12, pp.910-923, 2013 (SCI-Expanded)
- IX. **Investigating the relation between optimum guard interval and channel delay spread for a MC-CDMA system**
 Kurnaz Ç., GÖKALP CLARKE H.

Articles Published in Other Journals

- I. **Microstrip Reflectarray Design for 26 GHz**
Aqrab I., GÖKALP CLARKE H., Alhennawi M.
European Journal of Research and Development, vol.2, no.4, pp.169-177, 2022 (Peer-Reviewed Journal)
- II. **Designing Wideband microstip reflectarrays for 10 GHz**
Alhennawi M., GÖKALP CLARKE H.
Avrupa Bilim ve Teknoloji Dergisi, vol.32, 2021 (Peer-Reviewed Journal)
- III. **Reduction of In Band Interferences Effect Using Subspace Algorithms in Radio Channel Data**
Ercan S., Gökarp Clarke H.
INTERNATIONAL JOURNAL OF APPLIED MATHEMATICS AND COMPUTER SCIENCE, no.4, pp.30-32, 2016 (Peer-Reviewed Journal)
- IV. **Estimation of Delay Profiles from FMCW Channel Data with In-band Interference using Eigenvector Method**
TAFLAN G. Y., GÖKALP CLARKE H.
Journal of New Results in Science, 2016 (Peer-Reviewed Journal)
- V. **Dikgen frekans bölmeli çoğullama sistemlerinde en uygun pilot aralığının kanal değişkenleri ile ilişkilendirilmesi**
KURNAZ Ç., GÖKALP CLARKE H.
Uludağ Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, 2012 (Peer-Reviewed Journal)
- VI. **ÇT-KBÇE sisteminde en uygun güvenlik zamanının belirlenmesi için yeni bir yaklaşım**
KURNAZ Ç., GÖKALP CLARKE H.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES, 2011 (Peer-Reviewed Journal)
- VII. **A NEW APPROACH TO DETERMINE OPTIMUM GUARD INTERVAL FOR MC-CDMA SYSTEM**
Kurnaz Ç., GÖKALP CLARKE H.
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.29, no.2, pp.97-110, 2011 (ESCI)

Refereed Congress / Symposium Publications in Proceedings

- I. **A Hybrid Machine Learning Approach to Fabric Defect Detection and Classification**
Mohammed S. S., Clarke H.
1st International Congress of Electrical and Computer Engineering, ICECENG 2022, Bandirma, Turkey, 9 - 12 February 2022, vol.436 LNICST, pp.135-147
- II. **Reflectarray design for 10 GHz**
GÖKALP CLARKE H.
V. International Scientific and Vocational Studies Congress - Engineering, online, Turkey, 13 December 2020
- III. **Measuring the effectiveness of an online decision training resource for UK medical students to help recognise whether a person is dying: a randomised controlled trial (the ORaCIES study)**
white N., Oostendorp L., Harries P., Yardley S., Tomlinson C., Ricciardi F., GÖKALP CLARKE H., Stone P.
16th World Congress of the European Association for Palliative Care, 23 - 25 May 2019
- IV. **R-MUSIC ve ESPRIT Yöntemlerinin Yankı Çözünürlüğü Açısından Karşılaştırılması**
TAFLAN G. Y., GÖKALP CLARKE H.
International Symposium on Innovative Approaches in Scientific Studies, 30 November - 02 December 2018
- V. **Online Randomised controlled trial to improve Clinical Estimates of Survival (ORaCIES): study design**
Oostendorp L., white N., Harries P., Yardley S., Tomlinson C., Ricciardi F., GÖKALP CLARKE H., Stone P.

from radical to real: implementing new models of palliative care, 17 October 2018

- VI. **Usage of Minimum Norm and Wiener Filter Methods in the Reduction of In-Band Interference**
Üstün Ercan S., Gokalp H.
25th Signal Processing and Communications Applications Conference (SIU), Antalya, Turkey, 15 - 18 May 2017
- VII. **Educating novice occupational therapy driver assessors to make fitness-to-drive recommendations for older and/or disabled clients**
Harries P., Unsworth C., GÖKALP CLARKE H., Davies M.
COTEC - ENOTHE Congress, 15 - 19 June 2016
- VIII. **Reducing Effect of In Band Interference in FMCW Channel Data using Doppler Pre-filtered Prony Modelling**
Taflan G. Y., Gokalp H.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.621-624
- IX. **Obtaining Delay Profiles with Pisarenko Harmonic Decomposition and Multiple Signal Classification Method for FMCW Channel Data with In Band Interference**
Taflan G. Y., Gokalp H.
24th Signal Processing and Communication Application Conference (SIU), Zonguldak, Turkey, 16 - 19 May 2016, pp.1149-1152
- X. **Analysis of daily oxygen saturation for detecting deterioration in the condition of COPD patients**
Gokalp H., Clarke M.
37th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, EMBC 2015, Milan, Italy, 25 - 29 August 2015, vol.2015-November, pp.6840-6843
- XI. **Whole population management of patients with diabetes**
Clarke M., Fursse J., Gokalp H., Sharma U., Jones R. W.
2014 IEEE Healthcare Innovation Conference, HIC 2014, Washington, United States Of America, 8 - 10 October 2014, pp.197-198
- XII. **In-band interference reduction using minimum norm method in frequency modulated continuous wave channel data Sürekli dalga frekans modülasyonu ile elde edilen radyo kanal verilerindeki bant içi girişimin en küçük norm yöntemi kullanılarak bastırılması**
Üstün Ercan S., Gokalp H.
2012 20th Signal Processing and Communications Applications Conference, SIU 2012, Fethiye, Mugla, Turkey, 18 - 20 April 2012
- XIII. **The investigation of 3G cellular system performance based on echo statistics**
Kurnaz Ç., GÖKALP CLARKE H.
IEEE 14th Signal Processing and Communications Applications, Antalya, Turkey, 16 - 19 April 2006, pp.230-231