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International Researcher IDs

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Education

Doctorate, University of Glasgow, James Watt School of Engineering, Electrical and Electronics Engineering, England
2018 - 2023

Postgraduate, The University of Nottingham, Faculty of Engineering, Electronics Computer and Communication
Engineering, England 2016 - 2017

Postgraduate, Suleyman Demirel University, Teknoloji Fakültesi, Biyomedikal Mühendisliği Bölümü, Turkey 2014 - 2016

Undergraduate, Suleyman Demirel University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği Bölümü, Turkey
2009 - 2013

Research Areas

Information Systems, Communication and Control Engineering, Communication Engineering, Wireless Communication,
Biomedical Engineering

Academic Positions

Assistant Professor, Bilecik Seyh Edebali University, Mühendislik Fakültesi, Elektrik-Elektronik Mühendisliği, 2023 -
Continues

Journal articles indexed in SCI, SSCI, and AHCI

- I. **Applications of external cavity diode laser-based technique to noninvasive clinical diagnosis using expired breath ammonia analysis: Chronic kidney disease, epilepsy**
Bayraklı İ., Turkmen A., Akman H., Sezer M. T., Kutluhan S.
Journal of Biomedical Optics, vol.21, no.8, 2016 (SCI-Expanded)
- II. **Feasibility Study of Using Breath Ammonia Analysis Based on Off-Axis Cavity-Enhanced Absorption Spectroscopy with External Cavity Diode Laser for Noninvasive Real-Time Diagnosis of Helicobacter Pylori**
Bayraklı İ., Turkmen A., Cem Kockar M.
Applied Spectroscopy, vol.70, no.8, pp.1269-1277, 2016 (SCI-Expanded)

Articles Published in Other Journals

- I. **IMPRESS: Indoor Mobility Prediction Framework for Pre-Emptive Indoor-Outdoor Handover for mmWave Networks**

Turkmen A., Ansari S., Klaine P. V., Zhang L., Imran M. A.

IEEE Open Journal of the Communications Society, vol.2, pp.2714-2724, 2021 (ESCI)

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Indoor mobility prediction for mmWave communications using Markov Chain**

Türkmen A., Ansari S., Klaine P. V., Zhang L., Imran M. A.

IEEE Wireless Communications and Networking Conference (WCNC), Nanjing, China, 29 March - 01 April 2021, (Full Text)

- II. **Coverage analysis for indoor-outdoor coexistence for millimetre-wave communication**

Türkmen A., Mollel M. S., Öztürk M., Zhang L., Imran M. A.

UK/China Emerging Technologies (UCET), Glasgow, England, 21 - 22 August 2019, (Full Text)

- III. **HASTALARIN TEŞHİSİ İÇİN NEFES ANALİZİ**

BAYRAKLI İ., AKMAN H., TÜRKMEN A.

Tıp Tekno 15, Turkey, 15 - 18 October 2015, (Summary Text)

Metrics

Publication: 7

Citation (Scopus): 53

H-Index (Scopus): 3