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Education Information

Doctorate, Yildiz Technical University, Fen, Turkey 2013 - 2016
Postgraduate, Yildiz Technical University, Fen, Turkey 2011 - 2012
Undergraduate, Yildiz Technical University, Elektrik Elektronik, Turkey 2007 - 2011

Foreign Languages

English, B2 Upper Intermediate
Persian, C1 Advanced

Dissertations

Doctorate, Novel design methods for high performance filtenna and lna design for microwave sensor applications, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitü, Elektronik Ve Haberleşme, 2016
Postgraduate, Honey bee mating algorithm applied to design low noise microstrip amplifier, Yıldız Teknik Üniversitesi, Fen Bilimleri Enstitü, Elektronik Ve Haberleşme, 2012

Research Areas

Electrical and Electronics Engineering, Electromagnetic, Modified Earth Planar Structures, Electromagnetic Waves, Antennas and Propagation, Passive Microwave Circuits, Engineering and Technology

Academic Titles / Tasks

Associate Professor, Yildiz Technical University, Faculty Of Applied Sciences, Aviation Electronics, 2022 - Continues
Lecturer PhD, Yildiz Technical University, Faculty Of Electrical & Electronics, Electronics And Communication Engineering, 2016 - 2019

Published journal articles indexed by SCI, SSCI, and AHCI

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XXXV. **Pareto Optimal Characterization of a Microwave Transistor**
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XXXVI. **Active Inductor Design for Reconfigurable Bandpass Microstrip Filter Applications**
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XLIX. **Symbolic Regression for Derivation of an Accurate Analytical Formulation Using "Big Data": An Application Example**
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LII. **A simple and efficient honey bee mating optimization approach to performance characterization of a microwave transistor for the maximum power delivery and required noise**
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LIII. **Design of a Front-End Amplifier for the Maximum Power Delivery and Required Noise by HBMO with Support Vector Microstrip Model**
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Articles Published in Other Journals

I. **ISM Band Haberleşme Uygulamaları İçin Origami Anten Tasarımı**
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II. **DESIGN AND IMPLEMENTATION OF DOPPLER MICROWAVE MOTION SENSOR FOR INDOOR APPLICATION**
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I. **DATA DRIVEN SURROGATE MODELLING ASSISTED OPTIMIZATION OF MICROSTRIP MONOPOLE ANTENNA**
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I. **Vivaldi Antenna Design With Frequency Selective Surfaces for GPR Applications**
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III. **Design Optimization of Ultra Wide Band Vivaldi Antenna Using Artificial Intelligence**
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Metrics

Publication: 84
Citation (WoS): 365
Citation (Scopus): 777
H-Index (WoS): 12
H-Index (Scopus): 18