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International Researcher IDs

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Education Information

Doctorate, North Dakota State University, Electrical and Computer Engineering , Electrical and Computer Engineering , United States Of America 2012 - 2016

Postgraduate, University of Bradford, Faculty of Engineering and Informatics , Personal Mobile and Satellite Communication, England 2008 - 2010

Academic Titles / Tasks

Assistant Professor, COMSATS University Islamabad, Electrical and Computer Engineering , Electrical and Computer Engineering , 2016 - Continues

Researcher, Hacettepe University, -----, Electrical and Electronics Department , 2022 - 2023

Lecturer, COMSATS University Islamabad, Electrical and Computer Engineering , Electrical and Computer Engineering , 2010 - 2012

Courses

RF System Engineering and Design, Postgraduate, 2020 - 2021

Electromagnetic Theory, Undergraduate, 2016 - 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Silicon elastomer as flexible substrate: dielectric characterization and applications for wearable antenna**
İFTİKHAR A., Naseer N., Yildiz S. K., GÖKCEN D., Fida A., Shafique M. F., SAKA TANATAR B.
Flexible and Printed Electronics, vol.8, no.4, 2023 (SCI-Expanded)
- II. **Direct printable X-band low profile broadband reflectarray antenna using copper foils**
Tariq S., Naseer N., İftikhar A., Farhan Shafique M., Nasir J., Hashim Dahri M., Fida A., SAKA TANATAR B.
AEU - International Journal of Electronics and Communications, vol.171, 2023 (SCI-Expanded)
- III. **Beamforming with 1 x N Conformal Arrays**
Ullah I., Braaten B. D., İftikhar A., Nikolaou S., Anagnostou D. E.
SENSORS, vol.22, no.17, 2022 (SCI-Expanded)
- IV. **A Novel Meander Line Metamaterial Absorber Operating at 24 GHz and 28 GHz for the 5G Applications**

Naqvi S. A., Baqir M. A., Gourley G., Iftikhar A., Khan M. S., Anagnostou D. E.

SENSORS, vol.22, no.10, 2022 (SCI-Expanded)

- V. **A Conformal Frequency Reconfigurable Antenna with Multiband and Wideband Characteristics**
Hussain N., Ghaffar A., Naqvi S. I., Iftikhar A., Anagnostou D. E., Tran H. H.
SENSORS, vol.22, no.7, 2022 (SCI-Expanded)
- VI. **C-Band and X-Band Switchable Frequency-Selective Surface**
Farooq U., Iftikhar A., Shafique M. F., Khan M. S., Fida A., Mughal M. J., Anagnostou D. E.
ELECTRONICS, vol.10, no.4, 2021 (SCI-Expanded)
- VII. **Polarization insensitive penta-band stop frequency selective surface for closely placed bands**
Farooq U., Iftikhar A., Shafique M. F., Mughal M. J., Fida A., Khalid S.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.63, no.1, pp.271-278, 2021 (SCI-Expanded)
- VIII. **A four element, planar, compact UWB MIMO antenna with WLAN band rejection capabilities**
Khan M. S., Iftikhar A., Shubair R. M., Capobianco A. D., Braaten B. D., Anagnostou D. E.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.62, no.10, pp.3124-3131, 2020 (SCI-Expanded)
- IX. **A WLAN band-notched compact four element UWB MIMO antenna**
Khan M. S., Naqvi S. A., Iftikhar A., Asif S. M., Fida A., Shubair R. M.
INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING, vol.30, no.9, 2020 (SCI-Expanded)
- X. **Characterization of Novel Structures Consisting of Micron-Sized Conductive Particles That Respond to Static Magnetic Field Lines for 4G/5G (Sub-6 GHz) Reconfigurable Antennas**
Iftikhar A., Parrow J. M., Asif S. M., Fida A., Allen J., Allen M., Braaten B. D., Anagnostou D. E.
ELECTRONICS, vol.9, no.6, 2020 (SCI-Expanded)
- XI. **Circularly polarized 4 x 8 stacked patch antenna phased array with enhanced bandwidth for commercial drones**
Khan M. S., Iftikhar A., Naqvi S. A., Ijaz B., Fida A., Shubair R. M., Khan S. A.
INTERNATIONAL JOURNAL OF RF AND MICROWAVE COMPUTER-AIDED ENGINEERING, vol.30, no.3, 2020 (SCI-Expanded)
- XII. **Changing the Operation of Small Geometrically Complex EBG-Based Antennas With Micron-Sized Particles That Respond to Magneto-Static Fields**
Iftikhar A., Asif S. M., Parrow J. M., Allen J. W., Allen M. S., Fida A., Braaten B. D.
IEEE ACCESS, vol.8, pp.78956-78964, 2020 (SCI-Expanded)
- XIII. **A Compact Flexible Frequency Reconfigurable Antenna for Heterogeneous Applications**
Hussain N., Awan W. A., Naqvi S. I., Ghaffar A., Zaidi A., Naqvi S. A., Iftikhar A., Li X. J.
IEEE ACCESS, vol.8, pp.173298-173307, 2020 (SCI-Expanded)
- XIV. **Performance-Issues-Mitigation-Techniques for On-Chip-Antennas - Recent Developments in RF, MM-Wave, and Thz Bands With Future Directions**
Karim R., Iftikhar A., Ramzan R.
IEEE ACCESS, vol.8, pp.219577-219610, 2020 (SCI-Expanded)
- XV. **A Miniaturized and Polarization Insensitive FSS and CFSS for Dual Band WLAN Applications**
Farooq U., Iftikhar A., Shafique M. F., Mughal M. J.
AEU-INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATIONS, vol.105, pp.124-134, 2019 (SCI-Expanded)
- XVI. **Planar SIW Leaky Wave Antenna With Electronically Reconfigurable E- and H-Plane Scanning**
Iftikhar A., Shafique M. F., Farooq U., Khan M. S., Asif S. M., Fida A., Ijaz B., Rafique M. N., Mughal M. J., Ur-Rehman M.
IEEE ACCESS, vol.7, pp.171206-171213, 2019 (SCI-Expanded)
- XVII. **On the computation and comparison of specific absorption rate (SAR) in a skin tissue using analytical and numerical methods**
Asif S. M., Iftikhar A., Maile K., Ewert D. L., Braaten B. D.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.60, no.9, pp.2277-2284, 2018 (SCI-Expanded)
- XVIII. **A compact open complementary split ring resonator inspired triband reconfigurable coplanar waveguide fed antenna**

Rasool M., Farooq R., Rashid M. H., Zafar A., Afzal H., Alimgeer K. S., Ijaz B., Iftikhar A.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.60, no.6, pp.1454-1459, 2018 (SCI-Expanded)

XIX. Dual notch band UWB antenna with improved notch characteristics

Sohail A., Alimgeer K. S., Iftikhar A., Ijaz B., Kim K. W., Mohyuddin W.
MICROWAVE AND OPTICAL TECHNOLOGY LETTERS, vol.60, no.4, pp.925-930, 2018 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

I. Near-End and Far-End Coupling Investigations of Conductive Fiber Transmission Lines (TLs) on an Ultrathin Denim Substrate

İFTİKHAR A., Naseer N., GÖKCEN D., SAKA TANATAR B., Shafique M. F.

7th International Electromagnetic Compatibility Conference, EMC Turkiye 2023, İstanbul, Turkey, 17 - 20 September 2023

II. Dielectric Characterization of Ultrathin Softwear Flexible Substrates Intended for Wearable Biomedical Applications

Naseer N., İFTİKHAR A., GÖKCEN D., ÖZDEMİR S., SAKA TANATAR B.

7th International Electromagnetic Compatibility Conference, EMC Turkiye 2023, İstanbul, Turkey, 17 - 20 September 2023