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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.
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II. **Direct printable X-band low profile broadband reflectarray antenna using copper foils**
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III. **Beamforming with 1 x N Conformal Arrays**
Ullah I., Braaten B. D., Iftikhar A., Nikolaou S., Anagnostou D. E.
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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.
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V. **A Conformal Frequency Reconfigurable Antenna with Multiband and Wideband Characteristics**
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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.
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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.
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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.
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XII. **Changing the Operation of Small Geometrically Complex EBG-Based Antennas With Micron-Sized Particles That Respond to Magneto-Static Fields**
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XIII. **A Compact Flexible Frequency Reconfigurable Antenna for Heterogeneous Applications**
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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.
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XV. **A Miniaturized and Polarization Insensitive FSS and CFSS for Dual Band WLAN Applications**
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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.
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XVIII. **A compact open complementary split ring resonator inspired triband reconfigurable coplanar waveguide fed antenna**

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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