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Lecturer

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RESEARCH METRICS

h-index (Scopus)	12
h-index (GS)	16
Citations (Scopus)	723
Citations (GS)	878
Documents (Scopus)	76
Documents (GS)	84

ACADEMIC TITLES

2019-01-15 **Lecturer**

PUBLICATIONS (91)

1. **Compact Tri-band Half-Mode Substrate Integrated Waveguide Loaded by Meandered Slot Line for Wireless Communications**
   Journal of Engineering and Sustainable Development 30 (5), 706-715, 2026 | 2026
2. **High-Sensitivity SIW Sensor for Wide-Range Non-Invasive Blood Glucose Monitoring Using Complementary Split-Ring Resonator**
   Applied Biosciences 5 (1), 21, 2026 | 2026 | Cited: 2
3. **A Compact UWB-BPF Based on Modified Half-Mode Substrate Integrated Waveguide**
   Microwave and Optical Technology Letters 68 (5), 1-12, 2026 | 2026
4. **Development and experimental evaluation of single-port substrate integrated waveguide resonator with dual-parameter sensitivity for non-invasive blood glucose monitoring**
   Measurement, 121635, 2026 | 2026 | Cited: 4
5. **Enhanced Gain Ultra-Wideband Antenna with Different Notch Response**
   Progress in Electromagnetics Research C 167, 50, 2026 | 2026 | Cited: 1
6. **Ultra-wideband Antenna System Design for Future mmWave Applications, Journal of Telecommunications and Information Technology, 2025, nr 1**
   National Institute of Telecommunications, 2025 | 2025
7. **Half-mode substrate integrated waveguide band pass filter loaded with transversal and longitudinal-slots for ultra-wideband wireless applications**
   AIP Conference Proceedings 3350 (1), 080006, 2025 | 2025
8. **Ultra-wideband Antenna System Design for Future mmWave Applications**
   Journal of Telecommunications and Information Technology, 2025 | 2025 | Cited: 9
9. **Ultra-Wideband Antenna Array for Modern Millimeter-Wave Wireless Applications**
   Journal of Engineering and Sustainable Development 29 (5), 573-581, 2025 | 2025 | Cited: 2
10. **Using a Half-mode SIW Loaded with Slots to Realize a Compact UWB Bandpass Filter**
    Journal of Telecommunications and Information Technology, 1-8, 2025 | 2025 | Cited: 3
11. **A dual-band BPF for low earth orbit satellite communication systems based on substrate integrated waveguide with wide-rejection band**
    AIP Conference Proceedings 3169 (1), 2025 | 2025
12. **Using a Half-mode SIW Loaded with Slots to Realize a Compact UWB Bandpass Filter, Journal of Telecommunications and Information Technology, 2025, nr 2**
    National Institute of Telecommunications, 2025 | 2025
13. **Standalone-Quad-Channels Diplexer for Modern Wireless Applications Based on Overlapped MOERRs**
    IEICE Electronics Express, 21.20240430, 2024 | 2024 | Cited: 2
14. **Compact SIW BPF Loaded with a Tree Shaped Fractal Slot for LEO Satellite Communication Systems**
    2024 3rd International Conference on Advances in Engineering Science and ..., 2024 | 2024
15. **Compact Dual-Band BPF Based on Loaded SIW with Meandered Slot Line for 5G and Beyond Applications**
    Progress In Electromagnetics Research M | 2024 | Cited: 7

16. **A Proximity-Fed Multi-Band Printed Antenna for Wireless Communication Applications**
Progress in Electromagnetics Research C 145, 2024 | 2024 | Cited: 10

17. **A Low-Profile 2D Passive Phased-Array Antenna-in-Package for Emerging Millimeter-Wave Applications**
IEEE Transactions on Antennas and Propagation | 2023 | Cited: 43

18. **Design dual-layer metasurfaces antenna for wireless application**
AIP Conference Proceedings 2845 (1), 2023 | 2023 | Cited: 3

19. **5G Dual-Band BPF Bassed on Loaded SIW Resonator**
2023 International Conference on Engineering Applied and Nano Sciences ..., 2023 | 2023 | Cited: 1

20. **Compact Antenna Design for RFID and IoT Applications**
2022 2nd International Conference on Computing and Machine Intelligence ..., 2022 | 2022 | Cited: 12

21. **Design of bandpass filter for 5g applications with high-selectivity and wide band rejection**
2022 Muthanna International Conference on Engineering Science and Technology ..., 2022 | 2022 | Cited: 18

22. **Dual-Fed C-DRA Loaded by Modified Circular Patch Antenna**
2022 Muthanna International Conference on Engineering Science and Technology ..., 2022 | 2022

23. **Design of High-Selectivity Compact Quad-Band BPF Using Multi-Coupled Line and Short Stub-SIR Resonators**
Prog. Electromagn. Res 122, 215-228, 2022 | 2022 | Cited: 4

24. **Extracting dualband antenna response from UWB based on current distribution analysis**
Periodicals of Engineering and Natural Sciences (PEN) 10 (2), 267-282, 2022 | 2022

25. **High Band Rejection Using a Dual-Mode Ring Resonator to Create a Dual-Band BPF for 5G and Wireless Applications**
4th International Conference on Communication Engineering and Computer ..., 2022 | 2022

26. **Design of a Compact and Highly Independent Triple- Band BPF for 5G Applications**
INTERNATIONAL JOURNAL OF MICROWAVE AND OPTICAL TECHNOLOGY 17 (5), 524-532, 2022 | 2022 | Cited: 5

27. **CP Gain Enhancement of MM-Wave SIW-Integrated DRA Array Antenna**
2021 IEEE International Symposium on Antennas and Propagation and USNC-URSI ..., 2021 | 2021 | Cited: 4

28. **Ka-band circularly-polarized antenna array with wide gain and axial ratio bandwidth**
2021 15th European Conference on Antennas and Propagation (EuCAP), 1-5, 2021 | 2021 | Cited: 9

29. **SIW Center-Fed Series Rectangular DRA Arrays**
2020 IEEE International Symposium on Antennas and Propagation and North ..., 2020 | 2020 | Cited: 1

30. **A compact size multiband printed monopole antenna with triple sense circular polarization for wireless applications**
Journal of optoelectronics and advanced materials 22 (September-October 2020 ..., 2020 | 2020 | Cited: 1

31. **A Dual-Band Printed Antenna Design Based on Annular Koch Snowflake Slot Structure: MT Yassen et al.**
Wireless Personal Communications 104 (2), 649-662, 2019 | 2019 | Cited: 35

32. **A Modular Architecture for Low Cost Phased Array Antenna System for Ka-Band Mobile Satellite Communication**
Advances in Communications Satellite Systems | 2019 | Cited: 4

33. **Erratum to "An Integrated Circularly Polarized Transmitter Active Phased-Array Antenna for Emerging Ka-Band Satellite Mobile Terminals" [Aug 19 5344-5352]**
IEEE Transactions on Antennas and Propagation | 2019

34. **2019 Index IEEE Antennas and Wireless Propagation Letters Vol. 18**
IEEE Antennas and Wireless Propagation Letters 18 (12), 2019 | 2019

35. **SIW-to-mini-coaxial vertical transition for low profile mm-wave PCB-to-PCB assembly**
2019 IEEE International Symposium on Antennas and Propagation and USNC-URSI ..., 2019 | 2019 | Cited: 5

36. **Efficient integration of scalable active –phased array antenna based on modular approach for MM –wave applications**
Microwave and Optical Technology Letters 61 (5), 1333-1336, 2019 | 2019 | Cited: 3

37. **Low-cost planar RF MEMS-based attenuator**
2019 IEEE MTT-S International Microwave Symposium (IMS), 869-872, 2019 | 2019 | Cited: 16

38. **A modular architecture for wide scan angle phased array antenna for K/Ka mobile SATCOM**
2019 IEEE MTT-S International Microwave Symposium (IMS), 1076-1079, 2019 | 2019 | Cited: 74

39. **Affordable large scale active-phased array antenna for Ka-band mobile SATCOM applications**
2019 13th European Conference on Antennas and Propagation (EuCAP), 1-4, 2019 | 2019 | Cited: 10

40. **An Integrated Circularly Polarized Transmitter Active Phased-Array Antenna for Emerging Ka-Band Satellite Mobile Terminals**
IEEE Transactions on Antennas and Propagation 67 (8), 5344-5352, 2019 | 2019 | Cited: 76

41. **A modular architecture for low cost phased array antenna system for Ka-band mobile satellite communication**
IET Conference Publications | 2018

42. **An Ultra-Wideband Metal-Only Dipole Reflectarray Antenna**
2018 18th International Symposium on Antenna Technology and Applied ..., 2018 | 2018

43. **A Low-Cost Ka-Band Circularly Polarized Passive Phased-Array Antenna for Mobile Satellite Applications**
IEEE Transactions on Antennas and Propagation 67 (1), 221-231, 2018 | 2018 | Cited: 75

44. **Ka-band antenna with high circular polarization purity and wide AR beamwidth**
IEEE Antennas and Wireless Propagation Letters 17 (9), 1697-1701, 2018 | 2018 | Cited: 64

45. **New compact microstrip filters based on quasi fractal resonator**
Advanced Electromagnetics 7 (4), 93-102, 2018 | 2018 | Cited: 38

46. **Single-feed Dual-band Aperture-coupled Antenna for 5G applications**
2018 18th International Symposium on Antenna Technology and Applied ..., 2018 | 2018 | Cited: 24

47. **Active phased-array antennas for Ka/K mobile satellite communications**
2018 18th International Symposium on Antenna Technology and Applied ..., 2018 | 2018 | Cited: 13

48. **Investigation of active load pulling effect on radiated power of the antenna elements in a finite phased array transmitter for satellite communication**
2018 IEEE International Symposium on Antennas and Propagation & USNC/URSI ..., 2018 | 2018 | Cited: 13

49. **A ContinuousPhase Shifter for Ka-Band Applications**
2018 48th European Microwave Conference (EuMC), 1025-1028, 2018 | 2018 | Cited: 6

50. **An ultra-wideband modified aperture-coupled millimeter-wave reflectarray antenna**
2018 IEEE International Symposium on Antennas and Propagation & USNC/URSI ..., 2018 | 2018 | Cited: 5

51. **A metal-only reflectarray antenna element with wide angular response based on spiral slots**
2018 IEEE International Symposium on Antennas and Propagation & USNC/URSI ..., 2018 | 2018 | Cited: 5

52. **A Modular and Scalable Architecture for Millimeter-Wave Beam-forming Antenna Systems**
University of Waterloo, 2018 | 2018 | Cited: 1

53. **Broadband CP SIW-Integrated DRA Array with Wideband Axial-Ratio for Millimeter-Wave System Applications**
2018 18th International Symposium on Antenna Technology and Applied ..., 2018 | 2018 | Cited: 2

54. **60-GHz circularly polarized annular patch antenna fed by substrate integrated waveguide**
2018 18th International Symposium on Antenna Technology and Applied ..., 2018 | 2018 | Cited: 2

55. **A Silicon-Based Beam-Steering Tapered Antenna Array for W-Band Applications**
2018 IEEE International Symposium on Antennas and Propagation & USNC/URSI ..., 2018 | 2018

56. **A broadband RHCP/LHCP SIW-integrated patch array antenna for MM-wave applications**
2018 IEEE International Symposium on Antennas and Propagation & USNC/URSI ..., 2018 | 2018 | Cited: 2

57. **2018 Index IEEE Antennas and Wireless Propagation Letters Vol. 17**
IEEE Antennas and Wireless Propagation Letters 17 (12), 1, 2018 | 2018

58. **A Broad-band Transition Between a Silicon Waveguide and a CPWG at W-band**
2018 18th International Symposium on Antenna Technology and Applied ..., 2018 | 2018

59. **A Compact SIC Magic-T for W-band Phased Array Applications**
2018 18th International Symposium on Antenna Technology and Applied ..., 2018 | 2018

60. **A Continuous 2 pi Phase Shifter for Ka-Band Applications**
46TH EUROPEAN MICROWAVE CONFERENCE (EUMC) | 2018

61. **SIW-Integrated Parasitic DRA Array: Analysis, Design and Measurement**
IEEE Antennas and Wireless Propagation Letters | 2018 | Cited: 34

62. **A Continuous <tex>2π</tex> Phase Shifter for Ka-Band Applications**
2018 48th European Microwave Conference (EuMC) | 2018

63. **A Dual-Band Printed Antenna Design Based on Annular Koch Snowflake Slot Structure**
Wireless Personal Communications | 2018

64. **RWG-integrated SIW splitter for large scale SATCOM phased array applications**
Microwave and Optical Technology Letters | 2017

65. **A low-cost wideband phase shifter for two-way mm-wave phased array antenna system**
International Journal of Microwave and Wireless Technologies | 2017 | Cited: 11

66. **Space division multiplexing using disordered optical antennas**
2017 IEEE International Symposium on Antennas and Propagation & USNC/URSI ..., 2017 | 2017

67. **3 D printed RWG with slot–transition for low cost millimeter–wave applications: Simulation and measurement**
Microwave and Optical Technology Letters 59 (9), 2381-2384, 2017 | 2017 | Cited: 1

68. **A broadband siw-integrated circular polarized antenna**
2017 IEEE International Symposium on Antennas and Propagation & USNC/URSI ..., 2017 | 2017 | Cited: 3

69. **E-plane RWG-to-SIW Transition Power Splitter for Ka-Band SATCOM Application**
2017 IEEE International Symposium on Antennas and Propagation & USNC/URSI ..., 2017 | 2017 | Cited: 5

70. **A compact dual-band slot antenna based on Koch fractal snowflake annular ring**
2017 Progress In Electromagnetics Research Symposium-Spring (PIERS), 670-674, 2017 | 2017 | Cited: 12

71. **A wide axial ratio beamwidth circularly polarized antenna for Ka-band satellite on the move (SOTM) phased array applications**
2017 IEEE International Symposium on Antennas and Propagation & USNC/URSI ..., 2017 | 2017 | Cited: 11

72. **3D printed RWG with slot-transition for low cost millimeter-wave applications: Simulation and measurement**
Microwave and Optical Technology Letters | 2017

73. **Wunderlich Fractal-based Printed Dual-band Dipole Antenna for Wearable RFID Applications**
Technical Report MRG 4, 2016 | 2016 | Cited: 17

74. **Design and analysis of reconfigurable reflectarray antennas for Ka-band satellite communications on the move**
2016 17th International Symposium on Antenna Technology and Applied ..., 2016 | 2016 | Cited: 4

75. **SIW-integrated patch antenna backed air-filled cavity for 5G MMW appilcations**
2016 IEEE International Symposium on Antennas and Propagation (APSURSI ..., 2016 | 2016 | Cited: 5

76. **SIW series-fed patch antenna array based on transverse slot excitation for millimeter wave (MMW) applications**
2016 IEEE International Symposium on Antennas and Propagation (APSURSI ..., 2016 | 2016 | Cited: 9

77. **Extraction of dual-band antenna response from UWB based on current distribution analysis**
Technical Report, MRG 6—2016, Microwave Research Group, Department of ..., 2016 | 2016 | Cited: 10

78. **E-plane metallic RWG-to-SIW transition for large-scale MM-wave phased array antenna applications**
Electronics Letters | 2016 | Cited: 11

79. **Miniaturized siw-integrated 2D DRA array for 5G MMW applications**
Microwave and Optical Technology Letters | 2016 | Cited: 5

80. **DRA array fed by folded SIW feeding network**
2016 IEEE International Symposium on Antennas and Propagation (APSURSI), 143-144, 2016 | 2016

81. **A Dual Circularly Polarized Patch Antenna for Broadband MilliMeter Wave (MMW) Communication Systems**
2016 IEEE International Symposium on Antennas and Propagation/ USNC-URSI ..., 2016 | 2016 | Cited: 28

82. **A 4X4 Circularly Polarized Aperture Coupled Antenna Array for Ka-Band Satellite Communication**
IEEE International Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting | 2015

83. **A multilayer SIW-CPW transition junction for efficient MM-wave phased array applications**
2015 IEEE International Symposium on Antennas and Propagation & USNC/URSI ..., 2015 | 2015

84. **A 4×4 circularly polarized aperture coupled antenna array for Ka-band satellite communication**
2015 IEEE International Symposium on Antennas and Propagation & USNC/URSI National Radio Science Meeting | 2015

85. **A 4× 4 circularly polarized aperture coupled antenna array for Ka-band satellite communication**
2015 IEEE International Symposium on Antennas and Propagation & USNC/URSI ..., 2015 | 2015 | Cited: 9

86. **Circularly polarized SIW-integrated DRA for low cost millimeter wave systems**
Global Symposium on Millimeter-Waves (GSMM), 1-3, 2015 | 2015 | Cited: 12

87. **A New Tunable Dual-mode Bandpass Filter Design Based on Fractally Slotted Microstrip Patch Resonator**
Progress In Electromagnetics Research Symposium, KL, MALAYSIA, 1225 -1228, 2012 | 2012 | Cited: 8

88. **Second harmonic reduction of miniaturized dual-mode microstrip bandpass filters using fractal shaped open stub resonators**
Progress In Electromagnetics Research Symposium, Kuala Lumpur, Malaysia, 2012 | 2012 | Cited: 16

89. **An ultra-wideband printed monopole antenna with a fractal based reduced ground plane**
Progress In Electromagnetics Research Symposium, Moscow, Russia, 613 - 617, 2012 | 2012 | Cited: 16

90. **A Peano fractal-based dual-mode microstrip bandpass filters for wireless communication systems**
Progress In Electromagnetics Research Symposium, Moscow, Russia, 888 - 892, 2012 | 2012 | Cited: 37

91. **A New CPW-Fed C-slot Based Printed Antenna for Dual Band WLAN Applications**
Session 3P8, 741, 2012 | 2012