

Jawad K. Ali

جواد كاظم علي الساعدي

Lecturer

CONTACT

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EDUCATION

(18-10-2018) دكتوراه
Electronics and Communication Engineering
University of Technology - Iraq

(30-06-1996) ماجستير
Electronics and Communication Engineering
University of Technology - Iraq

(30-06-1979) بكلوريوس
Electronics and Communication Engineering
University of Technology - Iraq

RESEARCH METRICS

h-index (Scopus)	20
h-index (GS)	27
Citations (Scopus)	1089
Citations (GS)	1995
Documents (Scopus)	87
Documents (GS)	183

AWARDS

- 2019 Peer Review Awards - Top 1% in Field "Cross-field" https://publons.com/researcher/1315117/jawad-k-ali/
- 2019 Peer Review Awards - Top 1% in Field "Engineering" https://publons.com/researcher/1315117/jawad-k-ali/
- 2018 Peer Review Awards - Top 1% in Field "Cross-Field" https://publons.com/awards/2018/esi/?name=Jawad%20K.%20Ali&esi=23s in Cross-Field -2018 Peer Revie

RESEARCH INTERESTS

- Electromagnetics
- Computational Electromagnetics
- Communication Engineering
- Electromagnetic Compatibility
- Antenna Design
- Microwave Filters
- Antenna Engineering
- Microwave Antennas
- Antennas and Propagation
- Engineering Education
- Microwave Engineering
- Microwave Measurements
- Antenna Arrays
- Microwaves Science
- Education Electromagnetism Electronic Engineering
- Telecommunications Engineering
- Fractal Antennas
- Filter Design
- MIMO Antennas
- RF Engineering
- RF Circuit Simulation
- Microwave Applications
- Metamaterials
- RF Technologies
- Microwave and Communication Engineering
- EMC
- Wireless Communications
- Communication Systems
- Microstrip Antennas
- Fractal Geometry
- FPGA Based Design
- FPGA

PROFILE

Professor Jawad K. Ali was born in Baghdad, Iraq, in November 1956. He earned his B.Sc. and M.Sc. degrees in 1979 and 1986, respectively, from Al-Rasheed College for Science and Technology in Iraq. From 1989 to 1991, he pursued a Ph.D. program at the AZMA Academy in Brno, Czechoslovakia. Since 2010, he has been a Professor of Microwave Engineering at the University of Technology, Iraq, where he is also the founder and head of the Microwave Research Group.

From 2013 to 2015, he served as the Deputy Dean of the College of Electrical Engineering at the same university. In 2018, he completed his Ph.D. in Communication and Electronics Engineering and subsequently served as Vice President for Scientific Affairs and Postgraduate Studies at the University of Technology until December 2019. Professor Ali also served as the Dean of the College of Communication Engineering until 2020.

In 2024, he was appointed head of the Continuing Education Center at the University of Technology. Currently, he holds the title of Emeritus Professor of Microwave Engineering at the College of Communication Engineering. His research interests include the miniaturization and design of microwave antennas, passive microwave circuit design, FPGA-based system design, and scientific research methodology. From 2025 to 2026, he led a committee of experts developing engineering courses for Iraqi universities. In 2026, he earned a prestigious nomination as the first scientific research reviewer at Iraqi universities across disciplines, reflecting his expertise and commitment to advancing knowledge.

Professor Ali is the Editor-in-Chief and a member of several national and international journal editorial boards. He has published over 150 papers at international and local conferences and in peer-reviewed journals. As a reviewer, he has evaluated more than 6,500 articles, as confirmed by the Web of Science. He is a Senior Member of the Institution of Electrical and Electronics Engineers, IEEE, USA, and a member of the Institution of Engineering and Technology, IET, UK, the Institute of Electronics, Information and Communication Engineers, IEICE, Japan, and the American Physical Society, APS, USA.

ACADEMIC TITLES

2010-03-18	Professor
1997-05-10	Assistant Professor
1992-01-06	Lecturer

ADMINISTRATIVE POSITIONS

2013-03-15 - 2015-05-12	Deputy Dean of the Electrical Engineering Faculty at the University of Technology, Iraq
2019-10-19 - 2019-12-19	Vice Chancellor for scientific and postgraduate affairs, University of Technology, Iraq
2019-12-19 - 2020-06-24	Dean of the Communication Engineering Faculty at the University of Technology, Iraq

2020-06-24 - 2021-04-12 **Professor of Microwave Engineering at the Electrical Engineering Faculty, University of Technology, Iraq**

2022-08-01 - 2022-09-01 **Head of the Continuing Education Center, University of Technology, Iraq**

2021-04-13 - Present **Professor of Microwave Engineering at the Communication Engineering Faculty, University of Technology, Iraq**

INTERNATIONAL MEMBERSHIPS

- **IEEE, Senior Member**
- **IET**
- **APS**
- **IEICE**

PUBLICATIONS (206)

1. **Pregnancy in CTD–interstitial lung disease: Current evidence, clinical challenges, and a proposed management algorithm**
   Rheumatology & Autoimmunity | 2026
2. **Design of artificial neural network to predict heat and mass transfer of Casson fluid over a shrinking curve: A stability analysis**
   Physics Open, 100422, 2026 | 2026 | Cited: 6
3. **Enhanced Gain Ultra-Wideband Antenna with Different Notch Response**
   Progress in Electromagnetics Research C 167, 50, 2026 | 2026 | Cited: 1
4. **A sub-Riemannian model of neural states in the primary motor cortex**
   Mathematical Neuroscience and Applications 6 (Applications), 2026 | 2026 | Cited: 3
5. **Development of a Cost-Effective Sensor to Detect Hazardous Contaminants in Animal Feed for Smart Livestock Production**
   Authorea 2026 (0313), 2026 | 2026
6. **A blockchain approach for enhanced traceability and quality assurance in construction supply chains**
   2025 4th International Conference on Computing and Information Technology ..., 2025 | 2025 | Cited: 1
7. **Clinical diagnostics of bacterial infections and their resistance to antibiotics-Current state and novel enabling technologies implementation perspectives**
   Bacterial Enzymes as Targets for Drug Discovery, 41-50, 2025 | 2025
8. **A Single Layer Metasurface Based Reflectarray for X-Band Application**
   2025 International Conference on Electronics, Information, and Communication ..., 2025 | 2025
9. **A Reconfigurable Capacitively-coupled Microstrip Bandpass Filter for 4G LTE and 5G Applications**
   2025 International Conference on Computer Science and Software Engineering ..., 2025 | 2025
10. **A Fractal-Based Compact Tunable Bandpass Filter with High Selectivity and Band Rejection**
    Journal of Engineering and Sustainable Development 29 (6), 794-799, 2025 | 2025
11. **A Swastika-like fractal-based compact quarter-mode substrate integrated waveguide X-Band resonator**
    AIP Conference Proceedings 3169 (1), 2025 | 2025 | Cited: 1
12. **Dual-Broadband Metasurface Printed on Mobile Phone Back Cover for Enhanced Antenna Performance and SAR Reduction**
    Wireless Personal Communications 142 (1), 185-212, 2025 | 2025 | Cited: 2
13. **Metasurface-Loaded Biodegradable Mobile Phone Back Cover for Enhanced Radiation Performance**
    Materials 18 (4), 730, 2025 | 2025 | Cited: 2
14. **Switchable/tunable dual-band BPF for bluetooth and 5G NR applications**
    Progress in Electromagnetics Research C 152, 103-110, 2025 | 2025 | Cited: 4
15. **Dual-Functional Antenna Array for Multi-Band MIMO Applications**
    Cyber Intelligence and Information Retrieval: Proceedings of CIIR 2023 ..., 2025 | 2025
16. **Transparent UHF-RFID Tag Antenna for IoT Applications**
    2024 21st International Conference on Electrical Engineering/Electronics ..., 2024 | 2024 | Cited: 4
17. **A Proximity-Fed Multi-Band Printed Antenna for Wireless Communication Applications**
    Progress in Electromagnetics Research C 145, 2024 | 2024 | Cited: 10
18. **Single-Layer Metasurface-Based Reflectarray Antenna with H-Shaped Slotted Patch for X-Band Communication**
    Nanomaterials 14 (18), 1495, 2024 | 2024 | Cited: 12
19. **Low-Cost Indoor Localization Using Dual-Chip RFID Tag**
    IEEE Open Journal of Antennas and Propagation, 2024 | 2024 | Cited: 6

20. **Examining Mediating Effect of Customer Satisfaction among Factors of Service Quality and Purchase Intention**
2024 | Cited: 7

21. **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

22. **A Compact Dual-Band Dual-Polarized Antenna Based on Modified Minkowski Fractal.**
Progress in Electromagnetics Research C 140, 2024 | 2024 | Cited: 7

23. **Culture and amplification-free nanopore sequencing for rapid detection of pathogens and antimicrobial resistance genes from urine**
European Journal of Clinical Microbiology & Infectious Diseases 43 (11 ..., 2024 | 2024 | Cited: 16

24. **A Miniaturized Dual-Band Antenna for 5G mm-Wave Applications**
2024 International Conference on Information Networking (ICOIN), 557-559, 2024 | 2024 | Cited: 3

25. **Seed activation effect on the wheat growth and yield components.**
2024 | Cited: 2

26. **Tri-Beam UHF-RFID Tag Antenna for Indoor Asset Tracking**
2024 21st International Conference on Electrical Engineering/Electronics ..., 2024 | 2024 | Cited: 1

27. **Detection of pathogens and antimicrobial resistant genes from urine within 5 hours using Nanopore sequencing**
bioRxiv, 2024.03. 04.582689, 2024 | 2024 | Cited: 1

28. **SPECIAL SECTION ON ANTENNA-ENABLED SENSORS AND SYSTEMS**
2024

29. **Enhancement of Radio Frequency Identification Coverage for Various Indoor Scenarios Using Diversified Radiation Patterns of Tag and Reader Antennas**
Authorea 2024 (0827), 2024 | 2024

30. **Investigating the potential of Nanopore sequencing and Raman spectroscopy for rapid diagnosis of sepsis**
2024

31. **11 Mediating Effect of Corporate Image towards Islamic Bank Loyalty**
Islamic Finance in the Modern Era: Digitalization, FinTech and Social ..., 2024 | 2024 | Cited: 5

32. **Short turnaround time of seven to nine hours from sample collection until informed decision for sepsis treatment using nanopore sequencing**
Scientific Reports 14 (1), 6534, 2024 | 2024 | Cited: 41

33. **A Miniaturized Square Cavity SIW Dual-Band BPF with Slotted Koch Snowflake Fractal Based Design**
SSRG International Journal of Electronics and Communication Engineering 10 ..., 2023 | 2023 | Cited: 2

34. **Multi input multi output antenna array design for 5G n78 applications in smartphones**
Al-Rafidain Journal of Engineering Sciences, 50-57, 2023 | 2023 | Cited: 3

35. **An eight-element multi-band MIMO antenna system for 5G mobile terminals**
AIP Conference Proceedings 2651 (1), 060005, 2023 | 2023 | Cited: 16

36. **Designing Eight-port Antenna Array for Multi-Band MIMO Applications in 5G Smartphones**
Journal of Telecommunications and Information Technology 4, 18-24, 2023 | 2023 | Cited: 19

37. **Isolation techniques in MIMO antennas for 5G mobile devices (comprehensive review)**
Radioelectronics and Communications Systems 66 (6), 263-287, 2023 | 2023 | Cited: 13

38. **Designing Eight-port Antenna Array for Multi-Band MIMO Applications in 5G Smartphones, Journal of Telecommunications and Information Technology, 2023, nr 4**
Instytut Łączności-Państwowy Instytut Badawczy, 2023 | 2023

39. **Dual-Functional Antenna Array for Multi-Band MIMO Applications in 5th Generation Mobile Phones**
International Conference on Cyber Intelligence and Information Retrieval ..., 2023 | 2023

40. **A Slotted Peano-Type Fractal Based Highly Miniaturized Substrate Integrated Waveguide Dual-Mode BPF for Wireless Communication Systems**
2023 Al-Sadiq International Conference on Communication and Information ..., 2023 | 2023 | Cited: 4

41. **Design of a compact triple-band dipole antenna for wearable devices**
AIP Conference Proceedings 2651, 2023 | 2023

42. **Методи розв'язки в антенах MIMO для мобільних пристроїв 5G (комплексний огляд)**
Известия высших учебных заведений. Радиоэлектроника | 2023

43. **Comprehensive review of isolation techniques in MIMO antennas for 5G mobile devices**
Radioelectronics and Communications Systems, 2023 | 2023 | Cited: 13

44. **A Compact High Isolation Four Elements MIMO Antenna System for 5G Mobile Devices**
Engineering and Technology Journal 40 (08), 1055-1061, 2022 | 2022 | Cited: 9

45. **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

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

47. **Design of Flexible Dual-Band Tree Fractal Antenna for Wearable Applications**
Progress In Electromagnetics Research C 125, 51-66, 2022 | 2022 | Cited: 6

48. **A Compact Self-Isolated MIMO Antenna System for 5G Mobile Terminals**
Computer Systems Science and Engineering | 2022 | Cited: 20

49. **Compact MIMO antenna designs based on hybrid fractal geometry for 5G smartphone applications**
Prog. Electromagn. Res. C 118, 247-262, 2022 | 2022 | Cited: 27

50. **Antenna Gain-Bandwidth Enhancements Using CRLH Hilbert Fractal-based Structure**
Engineering and Technology Journal | 2022 | Cited: 7

51. **A multi-criteria group decision-making approach based on revised distance measures under dual hesitant fuzzy setting with unknown weight information: J. Ali et al.**
Soft Computing 26 (17), 8387-8401, 2022 | 2022 | Cited: 19

52. **Prevalence of Protozoal Intestinal Parasite among Children in Babylon Province. Iraq**
Prevalence 15 (1), 2022 | 2022

53. **An Eight-Element MIMO Antenna system for 5G Mobile Handsets**
International Symposium on Networks, Computers and Communications, ISNCC ..., 2021 | 2021 | Cited: 21

54. **On the Design of Triple Band Dipole Flexible Antenna for Wearable RFID Devices**
2021 International Symposium on Networks, Computers and Communications ..., 2021 | 2021 | Cited: 1

55. **The prevalence of Giardia duodenalis and Entamoeba histolytica in Al-Sidder City, Baghdad, Iraq.**
Biochemical & Cellular Archives 20, 3953, 2020 | 2020

56. **Ultra-Wideband Antenna Development to Enhance Gain for Surface Penetrating Radar: J. Ali et al.**
Wireless Personal Communications 115 (3), 1821-1838, 2020 | 2020 | Cited: 19

57. **A high gain microstrip antenna based on substrate integrated waveguide technology for modern wireless communication**
3rd International Conference on Engineering Sciences 671 (012038), 2020 | 2020 | Cited: 1

58. **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

59. **Practical Bending studying on UWB pentagonal flexible antenna**
2020 IEEE International Symposium on Antennas and Propagation and North ..., 2020 | 2020 | Cited: 11

60. **A compact multiband printed monopole antenna with hybrid polarization radiation for GPS, LTE, and satellite applications**
IEEE Access 8, 110371-110380, 2020 | 2020 | Cited: 41

61. **Fractal Geometry: An Attractive Choice for Miniaturized Planar Microwave Filter Design**
Fractal Analysis | 2019 | Cited: 7

62. **Wunderlich curve fractal dipole antenna for dual-band wearable RFID applications**
Journal of Engineering and Applied Sciences | 2019

63. **Antenna Design Using UWB Configuration for GPR Scanning Applications**
International Conference of Reliable Information and Communication ..., 2019 | 2019 | Cited: 1

64. **Incidence of Hymenolepis nana among patients attending Al-Mahaweel Hospital, Babylon Province.**
Biochemical & Cellular Archives 19 (1), 1213, 2019 | 2019 | Cited: 1

65. **A new miniaturized folded fractal based PIFA antenna design for MIMO wireless applications**
Proceedings of the International Conference on Information and Communication ..., 2019 | 2019 | Cited: 9

66. **Fractally Generated Microstrip Bandpass Filter Designs Based on Dual-Mode Square Ring Resonator for Wireless Communication Systems**
2019

67. **A New Fractal Printed Dipole Antenna Based on Tent Transformations for Wireless Communication Applications**
2019

68. **A novel multi-attribute group decision-making approach in the framework of proportional dual hesitant fuzzy sets**
Applied Sciences 9 (6), 1232, 2019 | 2019 | Cited: 30

69. **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

70. **Complex constitutive characterizations of materials in the X-band using a non-destructive technique**
Special Issue of the 8th International Advances in Applied Physics and ..., 2019 | 2019 | Cited: 7

71. **Erratum - Fractal Geometry: An Attractive Choice for Miniaturized Planar Microwave Filter Design**
2018

72. **A Dual-Band BPF Based on Asymmetrical-Meandered Configuration for Communication Systems**
2018 Third Scientific Conference of Electrical Engineering (SCEE), 294-298, 2018 | 2018 | Cited: 4

73. **Assessment of electromagnetic absorption towards human head using specific absorption rate**
Bulletin of Electrical Engineering and Informatics, 2018 | 2018 | Cited: 15

74. **A polygonal open-loop resonator compact bandpass filter for Bluetooth and WLAN applications**
IOP Conference Series: Materials Science and Engineering 433, 012083, 2018 | 2018 | Cited: 10

75. **Design of compact dual-mode fractal based microstrip band reject filter**
ARPN Journal of Engineering and Applied Sciences 13 (7), 2395-2399, 2018 | 2018 | Cited: 9

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

77. **MINKOWSKI FRACTAL GEOMETRY: AN ATTRACTIVE CHOICE OF COMPACT ANTENNA AND FILTER DESIGNS**
ARPN Journal of Engineering and Applied Sciences 13 (21), 8548-8553, 2018 | 2018 | Cited: 4

78. **A compact dual-band bpf based on open loop resonator for satellite communication applications**
Engineering and Technology Journal 36 (9), 997-1001, 2018 | 2018 | Cited: 2

79. **Fractal Geometry: An Attractive Choice for Miniaturized Planar Microwave Filter Design**
Fractal Analysis | 2018

80. **A dual-band printed slot antenna for WiMAX and metrological wireless applications**
Advanced Electromagnetics 7 (3), 75-81, 2018 | 2018 | Cited: 6

81. **Design of a triple-band fractal-based BPF with asymmetrical SLR structures**
Journal of Engineering and Applied Sciences 13 (7), 1617-1620, 2018 | 2018 | Cited: 2

82. **Design of compact dual-band fractal monopole antenna with virtually extended ground plane**
Advanced Electromagnetics 7 (4), 2018 | 2018 | Cited: 16

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

84. **Compact dual-band bandpass filter based on fractal stub-loaded resonator**
2017 Progress In Electromagnetics Research Symposium-Spring (PIERS), 1815-1819, 2017 | 2017 | Cited: 8

85. **Switchable square ring bandpass to bandstop filter for ultra-wideband applications**
International Journal of Microwave and Wireless Technologies | 2017

86. **Preface**
Hemodialysis International | 2017

87. **Design of Fractal- Based Bandstop Filter for Microwave Radiation Leakage Reduction**
Engineering and Technology Journal | 2017 | Cited: 16

88. **Compact quad-band BPF design with fractal steppedimpedance ring resonator**
ARPN Journal of Engineering and Applied Sciences | 2017

89. **DESIGN AND IMPLEMENTATION AN EFFECTIVE ENERGY TRANSFER SYSTEM FOR POWERING THE REMOTE IMPLANTABLE BIOMEDICAL DEVICES**
ARPN Journal of Engineering and Applied Sciences 12 (23), 6809 - 6816, 2017 | 2017

90. **Evaluation of vegetative performance of maize with plowing management at Buner. Pure and Applied Biology**
2017

91. **Compact Dual-mode Microstrip Band Reject Filters Based on Koch Fractal Geometry**
Progress In Electromagnetics Research Symposium, PIERS 2017, St Petersburg ..., 2017 | 2017 | Cited: 3

92. **COMPACT QUAD-BAND BPF DESIGN WITH FRACTAL STEPPED-IMPEDANCE RING RESONATOR**
ARPN Journal of Engineering and Applied Sciences 12 (24), 7352-7363, 2017 | 2017 | Cited: 6

93. **Simulation of Square Ring Microstrip Patch Antenna Performance Based on Effects of Various Dielectric Substrates**
Modeling, Design and Simulation of Systems: 17th Asia Simulation Conference ..., 2017 | 2017 | Cited: 6

94. **Miniaturized SIW wideband BPF based on folded ring and meander line slot for wireless applications**
2017 Second Al-Sadiq International Conference on Multidisciplinary in IT and ..., 2017 | 2017 | Cited: 11

95. **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

96. **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

97. **Antioxidant, antimicrobial and urease inhibiting activities of methanolic extracts from Cyphostemma digitatum stem and roots**
Natural product research 30 (4), 486-488, 2016 | 2016 | Cited: 7

98. **Free radical scavenging activity in in vitro-derived tissues of Eruca sativa**
Toxicology and Industrial Health 32 (1), 98-105, 2016 | 2016 | Cited: 23

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

100. **Cantor fractal-based printed slot antenna for dual-band wireless applications**
International Journal of Microwave and Wireless Technologies 8 (2), 263-270, 2016 | 2016 | Cited: 49

101. **A Compact Dual-band Antenna with Fractal Slot Annular Ring and Defected Ground Structure**
2016

102. **Rooting and growth of chrysanthemum cultivars in response to different levels of calcium**
International Journal of Biosciences 8 (2), 124-29, 2016 | 2016 | Cited: 2

103. **Design of compact bandpass filters based on fractal defected ground structure (DGS) resonators**
Indian Journal of Science and Technology 9 (39), 1-9, 2016 | 2016 | Cited: 18

104. **A compact triple band BSF design based on Minkowski fractal Geometry**
2016 18th Mediterranean Electrotechnical Conference (MELECON), 1-5, 2016 | 2016 | Cited: 18

105. **Primary phytochemical analysis, antioxidant, and antimicrobial evaluation of C. lanatus**
Innovare Journal of Science 4 (5), 1-3, 2016 | 2016 | Cited: 3

106. **Efficient, scalable and privacy preserving application attestation in a multi stakeholder scenario**
International Conference on Computational Science and its Applications, 407-421, 2016 | 2016 | Cited: 3

107. **Design of BSF with Controlled Characteristics Based on Minkowski Fractal Geometry**
Engineering and Techology Journal, 2016 | 2016 | Cited: 16

108. **A Fractal-based Dual-mode Microstrip Bandstop Filter for Wireless Applications**
2016 16th Mediterranean Microwave Symposium (MMS), 1-4, 2016 | 2016 | Cited: 9

109. **Mango seed germination in different media at different depth**
J Nat Sci Res 6 (1), 56-59, 2016 | 2016 | Cited: 9

110. **Reconfigurable bandwidth and tunable dual-band bandpass filter design for Ultra-Wideband (UWB) applications**
Electromagnetics 36 (6), 366-378, 2016 | 2016 | Cited: 12

111. **Influence of nitrogen level and planting time on growth of Aloe vera plant**
International Journal of Bioscience 9 (4), 270-280, 2016 | 2016 | Cited: 4

112. **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

113. **A compact bandpass filter based on fractal defected ground structure Resonators**
Submitted to IETE Journal of Research, 2016 | 2016 | Cited: 5

114. **The influence of different media on rooting of litchi plant through air layering**
New Media Mass Commun 47, 12-15, 2016 | 2016 | Cited: 6

115. **A Fractal Based BSF for Microwave Oven Radiation Leakage Reduction**
2016

116. **Investigation of dual-mode microstrip bandpass filter based on SIR technique**
PLoS one 11 (10), e0164916, 2016 | 2016 | Cited: 33

117. **Recognition of QAM Signals with Low SNR Using a Combined Threshold Algorithm**
IETE Journal of Research 61 (1), 65-71, 2015 | 2015 | Cited: 17

118. **An Accurate Technique to Model the Substrate of Wearable Textile Antennas**
PIERS Proceedings, 2015 | 2015

119. **Miniaturised microstrip bandpass filters based on Moore fractal geometry**
International Journal of Electronics 102 (8), 1306-1319, 2015 | 2015 | Cited: 56

120. **A miniature fractal-based dual-mode dual-band microstrip bandpass filter design**
International Journal of Microwave and Wireless Technologies 7 (2), 127 -133, 2015 | 2015 | Cited: 34

121. **Compact Substrate Integrated Waveguide BPF for Wideband Communication Applications**
Proceedings of Progress In Electromagnetics Research Symposium, 2015 | 2015 | Cited: 24

122. **A Compact Dual-band Bandstop Filter Based on Fractal Microstrip Resonators**
Progress In Electromagnetics Research Symposium, PIERS 2015, 2015 | 2015 | Cited: 20

123. **Switchable square ring bandpass to bandstop filter for ultra-wideband applications**
International Journal of Microwave and Wireless Technologies, 1-10, 2015 | 2015 | Cited: 6

124. **A Dual-band Printed Slot Antenna Based on Modified Sierpinski Triangle**
International Journal of Electronics Communication and Computer Engineering ..., 2014 | 2014 | Cited: 6

125. **Wind power forecasting—An application of machine learning in renewable energy**
2014 International Joint Conference on Neural Networks (IJCNN), 1130-1137, 2014 | 2014 | Cited: 27

126. **Enhancing growth curve approach using CGPANN for predicting the sustainability of new food products**
IFIP International Conference on Artificial Intelligence Applications and ..., 2014 | 2014 | Cited: 2

127. **Design of a Fractal-Based Compact Size Microstrip Bandpass Filter with High Selectivity and Second Harmonic Reduction**
2014

128. **Fabrication and Performance Evaluation of a Fractal-based Slot Printed Antenna for Dual-band Wireless Applications**
Iraqi Journal of Computers, Communications, Control and Systems Engineering ..., 2014 | 2014 | Cited: 24

129. **New Operational Mode of Diode Clamped Multilevel Inverters for Pure Sinusoidal Output**
International Journal of Scientific & Engineering Research 5 (8), 2014 | 2014 | Cited: 1

130. **New Microstrip Bandpass Filter Designs Based on Stepped Impedance Hilbert Fractal Resonators**
IETE Journal of Research 60 (3), 257-264, 2014 | 2014 | Cited: 38

131. **Wide bandpass and narrow bandstop microstrip filters based on Hilbert fractal geometry: design and simulation results**
PloS one 9 (12), e115412, 2014 | 2014 | Cited: 38

132. **Extracting trends ensembles in solar irradiance for green energy generation using neuro-evolution**
Artificial Intelligence Applications and Innovations: 10th IFIP WG 12.5 ..., 2014 | 2014 | Cited: 7

133. **Wearable Sierpinski Dragon Fractal Patch Antenna for RFID Applications**
International Conference on Engineering Sciences Applications, 2014 | 2014 | Cited: 2

134. **A circle-based fractal slot antenna for dual-band wireless applications**
13th IEEE Mediterranean Microwave Symposium, MMS 13, 2013 | 2013 | Cited: 11

135. **Design of a Compact Dual-mode Dual-band Microstrip Bandpass Filter Based on Semi-fractal CSRR**
Progress In Electromagnetics Research Symposium, Stockholm, Sweden, 699 - 703, 2013 | 2013 | Cited: 11

136. **A fractal-based printed slot antenna for multi-band wireless applications**
Progress In Electromagnetics Research Symposium, Stockholm, Sweden, 1047 - 1051, 2013 | 2013 | Cited: 6

137. **A Compact Fractal Based Printed Monopole Antenna for WiBro, WiMax and UWB Applications**
International Journal of Engineering and Advanced Technology (IJEAT) 3 (1 ..., 2013 | 2013

138. **An FPGA Based Design and Implementation of Unambiguous Ranging System Using Golay Sequences**
Al - Mansour Journal, 31-47, 2013 | 2013 | Cited: 4

139. **A Novel Design of Two Loosely Coupled Bandpass Filter Based on Hilbert-zz Resonator with Higher Harmonic Suppression**
2013 Third International Conference on Advanced Computing and Communication ..., 2013 | 2013 | Cited: 32

140. **A new compact slot antenna for dual-band WLAN applications**
International Journal of Science and Modern Engineering 1 (10), 28-32, 2013 | 2013 | Cited: 13

141. **A Circular Cantor Fractal Based Printed Slot Antenna for Triple and Dual-band Wireless Applications**
International Journal of Electronics Communication and Computer Engineering ..., 2013 | 2013 | Cited: 6

142. **New dual band dual-mode microstrip patch bandpass filter designs based on Sierpinski fractal geometry**
2013 Third International Conference on Advanced Computing and Communication ..., 2013 | 2013 | Cited: 40

143. **A compact Peano-type fractal based printed slot antenna for dual-band wireless applications**
2013 IEEE International RF and Microwave Conference (RFM 2013), Penang ..., 2013 | 2013 | Cited: 36

144. **Future clients' requests estimation for dynamic resource allocation in cloud data center using cgpann**
2013 12th International Conference on Machine Learning and Applications 2 ..., 2013 | 2013 | Cited: 14

145. **Microstrip-fed printed slot antennas based on hilbert-type space-filling curves for wireless communication systems**
International Journal on Communications Antenna and Propagation | 2013

146. **A novel design of two loosely coupled bandpass filters based on hilbert-zz resonator with higher harmonic suppression**
International Conference on Advanced Computing and Communication Technologies, ACCT | 2013

147. **A new design of dual band microstrip bandpass filter based on Peano fractal geometry: Design and simulation results**
Mediterranean Microwave Symposium | 2013 | Cited: 31

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