



Jawad K. Ali

جواد كاظم علي الساعدي

Lecturer

PROFILE

Prof. Jawad K. Ali was born in Baghdad, Iraq, in November 1956. He received his B.Sc and M.Sc degrees in 1979 and 1986, respectively, from Al-Rasheed College for Science and Technology, Iraq. From 1989 to 1991, he enrolled in a Ph.D. study program at the AZMA Academy in Brno, Czechoslovakia. Since 2010, he has been a Professor of Microwave Engineering at the University of Technology, Iraq. He is the founder and head of the Microwave Research Group at the University of Technology in Iraq. From 2013 to 2015, he served as the Deputy Dean of the College of Electrical Engineering at the same university. In 2018, he was awarded a Ph.D. in Communication and Electronics Engineering. He served as the Vice President of the University of Technology Scientific Affairs and Postgraduate Studies till December 2019. Professor Ali has also served as the Dean of the College of Communication Engineering at the University of Technology, Iraq, till 2020. In 2024, he was appointed as the head of the Continuing Education Center at the same university. Currently, he is an Emeritus Professor of Microwave Engineering at the College of Communication Engineering, University of Technology, Iraq. His fields of interest include the miniaturization and design of microwave antennas, passive microwave circuit design, FPGA-based system design, and scientific research methodology. He is the Editor-in-chief and member of many national and international journal editorial boards. He has more than 100 published papers in local and international conferences and peer-reviewed journals. As a reviewer, Prof. Ali has reviewed over 6,000 articles, as verified in the Web of Science. Prof. Ali is a Senior Member of IEEE and a Member of both IET and IEICE.

CONTACT

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EDUCATION

دكتوراه (18-10-2018)

Electronics and Communication Engineering
University of Technology - Iraq

ماجستير (30-06-1996)

Electronics and Communication Engineering
University of Technology - Iraq

بكالوريوس (30-06-1979)

Electronics and Communication Engineering
University of Technology - Iraq

RESEARCH METRICS

| | |
|--------------------|------|
| h-index (Scopus) | 20 |
| h-index (GS) | 27 |
| Citations (Scopus) | 1048 |
| Citations (GS) | 1953 |
| Documents (Scopus) | 87 |
| Documents (GS) | 174 |

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 Review

RESEARCH INTERESTS

- Electromagnetics
- Computational Electromagnetics
- Communication Engineering
- Electromagnetic Compatibility

ACADEMIC TITLES

| | |
|------------|---------------------|
| 2010-03-18 | Professor |
| 1997-05-10 | Associate 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

- 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



• IEEE, Senior Member

• IET

• APS

• IEICE

P U B L I C A T I O N S (2 1 2)

1. **A Swastika-like fractal-based compact quarter-mode substrate integrated waveguide X-Band resonator**
AIP Conference Proceedings 3169 (1), 2025 | 2025
2. **Metasurface-Loaded Biodegradable Mobile Phone Back Cover for Enhanced Radiation Performance**
Materials 18 (4), 730, 2025 | 2025 | Cited: 1
3. **A Single Layer Metasurface Based Reflectarray for X-Band Application**
2025 International Conference on Electronics, Information, and Communication ..., 2025 | 2025
4. **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
5. **A Swastika-like fractal-based compact quarter-mode substrate integrated waveguide X-Band resonator**
AIP Conference Proceedings 3169 (1), 040035, 2025 | 2025 | Cited: 1
6. **Dual-Functional Antenna Array for Multi-Band MIMO Applications**
Cyber Intelligence and Information Retrieval: Proceedings of CIIR 2023 ..., 2025 | 2025
7. **Switchable/Tunable Dual-Band BPF for Bluetooth and 5G NR Applications**
Progress in Electromagnetics Research C 152, 103-110, 2025 | 2025 | Cited: 3
8. **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: 1
9. **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
10. **A Reconfigurable Capacitively-coupled Microstrip Bandpass Filter for 4G LTE and 5G Applications**
2025 International Conference on Computer Science and Software Engineering ..., 2025 | 2025
11. **A Blockchain Approach for Enhanced Traceability and Quality Assurance in Construction Supply Chains**
2025 4th International Conference on Computing and Information Technology ..., 2025 | 2025
12. **Investigating the potential of Nanopore sequencing and Raman spectroscopy for rapid diagnosis of sepsis**
2024
13. **A proximity-fed multi-band printed antenna for wireless communication applications**
Progress In Electromagnetics Research C 145, 153-165, 2024 | 2024 | Cited: 6
14. **SEED ACTIVATION EFFECT ON THE WHEAT GROWTH AND YIELD COMPONENTS.**
SABRAO Journal of Breeding & Genetics 56 (4), 2024 | 2024 | Cited: 1
15. **Low-cost indoor localization using dual-chip RFID tag**
IEEE Open Journal of Antennas and Propagation 5 (5), 1209-1220, 2024 | 2024 | Cited: 5
16. **Mediating effect of corporate image towards Islamic bank loyalty: the role of religiosity, collectivism, sight cues, and CSR**
Islamic finance in the modern era, 161-178, 2024 | 2024 | Cited: 4
17. **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
18. **Seed activation effect on wheat growth and yield components**
SABRAO J. Breed. Genet 56 (4), 1712-1719, 2024 | 2024 | Cited: 2

19. **Enhancement of Radio Frequency Identification Coverage for Various Indoor Scenarios Using Diversified Radiation Patterns of Tag and Reader Antennas**
Authorea Preprints, 2024 | 2024
20. **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: 13
21. **SPECIAL SECTION ON ANTENNA-ENABLED SENSORS AND SYSTEMS**
2024
22. **Enhancement of Radio Frequency Identification Coverage for Various Indoor Scenarios Using Diversified Radiation Patterns of Tag and Reader Antennas**
2024
23. **A Proximity-Fed Multi-Band Printed Antenna for Wireless Communication Applications**
Progress in Electromagnetics Research C 145, 2024 | 2024 | Cited: 2
24. **Transparent UHF-RFID Tag Antenna for IoT Applications**
2024 21st International Conference on Electrical Engineering/Electronics ..., 2024 | 2024 | Cited: 4
25. **Tri-Beam UHF-RFID Tag Antenna for Indoor Asset Tracking**
2024 21st International Conference on Electrical Engineering/Electronics ..., 2024 | 2024 | Cited: 1
26. **Detection of pathogens and antimicrobial resistant genes from urine within 5 hours using Nanopore sequencing**
bioRxiv, 2024.03. 04.582689, 2024 | 2024 | Cited: 1
27. **Investigating the potential of Nanopore sequencing and Raman spectroscopy for rapid diagnosis of sepsis**
Høgskolen i Innlandet, 2024 | 2024
28. **Examining Mediating Effect of Customer Satisfaction among Factors of Service Quality and Purchase Intention**
2024 | Cited: 8
29. **Low-Cost Indoor Localization Using Dual-Chip RFID Tag**
IEEE Open Journal of Antennas and Propagation, 2024 | 2024 | Cited: 3
30. **A Miniaturized Dual-Band Antenna for 5G mm-Wave Applications**
2024 International Conference on Information Networking (ICOIN), 557-559, 2024 | 2024 | Cited: 3
31. **Mediating Effect of Corporate Image towards Islamic Bank Loyalty: The Role of Religiosity, Collectivism, Sight Cues, and CSR**
Islamic Finance in the Modern Era, 161-178, 2024 | 2024 | Cited: 2
32. **A sub-Riemannian model of neural states in the primary motor cortex**
arXiv preprint arXiv:2501.03247, 2024 | 2024 | Cited: 2
33. **Single-Layer Metasurface-Based Reflectarray Antenna with H-Shaped Slotted Patch for X-Band Communication**
Nanomaterials 14 (18), 1495, 2024 | 2024 | Cited: 7
34. **A Compact Dual-Band Dual-Polarized Antenna Based on Modified Minkowski Fractal.**
Progress in Electromagnetics Research C 140, 2024 | 2024 | Cited: 6
35. **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: 32
36. **An eight-element multi-band MIMO antenna system for 5G mobile terminals**
AIP Conference Proceedings 2651 (1), 060005, 2023 | 2023 | Cited: 16
37. **Designing Eight-port Antenna Array for Multi-Band MIMO Applications in 5G Smartphones**
Journal of Telecommunications and Information Technology, 2023 | 2023 | Cited: 13
38. **Comprehensive review of isolation techniques in MIMO antennas for 5G mobile devices**
Radioelectronics and Communications Systems, 2023 | 2023 | Cited: 14
39. **The Multi Input Multi Output Antenna Array Design for 5G N78 Applications in Smartphones**
Al-Rafidain Journal of Engineering Sciences 1 (1), 2023 | 2023 | Cited: 1

40. **Dual-Functional Antenna Array for Multi-Band MIMO Applications in 5th Generation Mobile Phones**
International Conference on Cyber Intelligence and Information Retrieval ..., 2023 | 2023
41. **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
42. **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: 3
43. **Design of a compact triple-band dipole antenna for wearable devices**
AIP Conference Proceedings 2651, 2023 | 2023
44. **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
45. **Effect of different botanical and synthetic insecticides against tomato fruit worm (*Helicoverpa armigera*)**
Journal of Xi'an Shiyou University, Natural Science Edition 19 (4), 474-487, 2023 | 2023 | Cited: 1
46. **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
47. **Designing eight-port antenna array for multi-band MIMO applications in 5G smartphones**
Journal of Telecommunications and Information Technology, 18-24, 2023 | 2023 | Cited: 18
48. **A compact high isolation four elements MIMO antenna system for 5G mobile devices**
Engineering and Technology Journal 40 (8), 1055-1061, 2022 | 2022 | Cited: 8
49. **Compact MIMO antenna designs based on hybrid fractal geometry for 5G smartphone applications**
Progress in Electromagnetics Research C 118, 247-262, 2022 | 2022 | Cited: 23
50. **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: 16
51. **Design of flexible dual-band tree fractal antenna for wearable applications**
PIER C 125, 51, 2022 | 2022 | Cited: 5
52. **Toxoplasmosis And Its Effect On Pregnant Women Attending Hospitals In Babylon Province, Iraq**
Journal of Positive School Psychology 6 (3), 1029-1033, 2022 | 2022
53. **A compact high isolation four elements MIMO antenna system for 5G mobile devices**
Engineering and Technology Journal 40 (8), 1055-1061, 2022 | 2022 | Cited: 8
54. **Prevalence of Protozoal Intestinal Parasite among Children in Babylon Province. Iraq**
Prevalence 15 (1), 2022 | 2022
55. **Toxoplasmosis And Its Effect On Pregnant Women Attending Hospitals In Babylon Province, Iraq**
Journal of Positive School Psychology 6 (3), 1029–1033-1029–1033, 2022 | 2022
56. **Design of flexible dual-band tree fractal antenna for wearable applications**
PIER C 125, 51-66, 2022 | 2022 | Cited: 5
57. **A Compact High Isolation Four Elements MIMO Antenna System for 5G Mobile Devices**
Engineering and Technology Journal 40 (08), 1055-1061, 2022 | 2022 | Cited: 7
58. **A multi-criteria group decision-making approach based on revised distance measures under dual hesitant fuzzy setting with unknown weight information**
Soft Computing 26 (17), 8387-8401, 2022 | 2022 | Cited: 12
59. **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: 17
60. **Compact Self-Isolated MIMO Antenna System for 5G Mobile Terminals.**
Computer Systems Science & Engineering 42 (3), 2022 | 2022 | Cited: 21
61. **Compact MIMO antenna designs based on hybrid fractal geometry for 5G smartphone applications**
Prog. Electromagn. Res. C 118 (0), 247, 2022 | 2022 | Cited: 17

62. **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
63. **An Eight-Element MIMO Antenna system for 5G Mobile Handsets**
International Symposium on Networks, Computers and Communications, ISNCC ... 2021 | 2021 | Cited: 20
64. **Ultra-wideband antenna development to enhance gain for surface penetrating radar**
Wireless Personal Communications 115 (3), 1821-1838, 2020 | 2020 | Cited: 15
65. **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
66. **A high gain microstrip antenna based on substrate integrated waveguide technology for modern wireless communication**
IOP Conference Series: Materials Science and Engineering 671 (1), 012038, 2020 | 2020 | Cited: 1
67. **Antenna Design Using UWB Configuration for GPR Scanning Applications**
Emerging Trends in Intelligent Computing and Informatics: Data Science ... 2020 | 2020 | Cited: 1
68. **A compact size multiband printed monopole antenna with triple sense circular polarization for wireless applications**
2020 | Cited: 1
69. **The prevalence of Giardia duodenalis and Entamoeba histolytica in Al-Sidder City, Baghdad, Iraq.**
Biochemical & Cellular Archives 20, 2020 | 2020
70. **A high gain microstrip antenna based on substrate integrated waveguide technology for modern wireless communication**
IOP Conference Series: Materials Science and Engineering 671, 012038, 2020 | 2020 | Cited: 1
71. **A compact multiband printed monopole antenna with hybrid polarization radiation for GPS, LTE, and satellite applications**
IEEE Access 8, 110371-110380, 2020 | 2020 | Cited: 36
72. **Practical Bending studying on UWB pentagonal flexible antenna**
2020 IEEE International Symposium on Antennas and Propagation and North ... 2020 | 2020 | Cited: 11
73. **Ultra-wideband antenna development to enhance gain for surface penetrating radar**
Wireless Personal Communications 115, 1821-1838, 2020 | 2020 | Cited: 13
74. **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: 10
75. **Wunderlich curve fractal dipole antenna for dual-band wearable RFID applications**
Journal of Engineering and Applied Sciences 14 (4), 1093-1099, 2019 | 2019 | Cited: 14
76. **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: 6
77. **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: 27
78. **A dual-band printed antenna design based on annular Koch snowflake slot structure**
Wireless Personal Communications 104 (2), 649-662, 2019 | 2019 | Cited: 33
79. **Incidence of Hymenolepis nana among patients attending Al-Mahaweel Hospital, Babylon Province.**
Biochemical & Cellular Archives 19 (1), 2019 | 2019
80. **Antenna Design Using UWB Configuration for GPR Scanning Applications**
International Conference of Reliable Information and Communication ... 2019 | 2019 | Cited: 1
81. **A polygonal open-loop resonator compact bandpass filter for Bluetooth and WLAN applications**
IOP Conference Series: Materials Science and Engineering 433 (1), 012083, 2018 | 2018 | Cited: 10
82. **Design of compact dual-mode fractal based microstrip band reject filter**
ARPJ Journal of Engineering and Applied Sciences, 2018 | 2018 | Cited: 8
83. **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: 5

84. **An Ultra-Wideband Metal-Only Dipole Reflectarray Antenna**
2018 18th International Symposium on Antenna Technology and Applied..., 2018 | 2018
85. **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
86. **Fractal Geometry: An Attractive Choice for Miniaturized Planar Microwave Filter Design**
Fractal Analysis, 2018 | 2018 | Cited: 7
87. **MINKOWSKI FRACTAL GEOMETRY: AN ATTRACTIVE CHOICE OF COMPACT ANTENNA AND FILTER DESIGNS**
ARPJ Journal of Engineering and Applied Sciences 13 (21), 8548-8553, 2018 | 2018 | Cited: 4
88. **A dual-band printed slot antenna for WiMAX and metrological wireless applications**
Advanced Electromagnetics 7 (3), 75-81, 2018 | 2018 | Cited: 6
89. **Design of compact dual-mode fractal based microstrip band reject filter**
ARPJ Journal of Engineering and Applied Sciences 13 (7), 2395-2399, 2018 | 2018 | Cited: 9
90. **Design of compact dual-band fractal monopole antenna with virtually extended ground plane**
Advanced Electromagnetics 7 (4), 19-26, 2018 | 2018 | Cited: 15
91. **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
92. **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
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. **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
95. **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
96. **COMPACT QUAD-BAND BPF DESIGN WITH FRACTAL STEPPED-IMPEDANCE RING RESONATOR**
ARPJ Journal of Engineering and Applied Sciences 12 (24), 7352-7363, 2017 | 2017 | Cited: 7
97. **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
98. **DESIGN AND IMPLEMENTATION AN EFFECTIVE ENERGY TRANSFER SYSTEM FOR POWERING THE REMOTE IMPLANTABLE BIOMEDICAL DEVICES**
ARPJ Journal of Engineering and Applied Sciences 12 (23), 6809 - 6816, 2017 | 2017
99. **Evaluation of vegetative performance of maize with plowing management at Buner. Pure and Applied Biology**
2017
100. **Simulation of Square Ring Microstrip Patch Antenna Performance Based on Effects of Various Dielectric Substrates**
Asian Simulation Conference, 679-694, 2017 | 2017 | Cited: 6
101. **Influence of nitrogen level and planting time on growth of Aloe vera plant**
International Journal of Biosciences 9 (4), 270-280, 2016 | 2016 | Cited: 4
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. **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
104. **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
105. **A Fractal Based BSF for Microwave Oven Radiation Leakage Reduction**
2016
106. **Assessment of Indoor Placement of Pothos (Epipremnum aureum) in Nowshera Region**
Assessment 6 (15), 2016 | 2016

107. **Reconfigurable bandwidth and tunable dual-band bandpass filter design for Ultra-Wideband (UWB) applications**
Electromagnetics 36 (6), 366-378, 2016 | 2016 | Cited: 11
108. **Mango seed germination in different media at different depth**
J Nat Sci Res 6 (1), 56-59, 2016 | 2016 | Cited: 8
109. **A Fractal-based Dual-mode Microstrip Bandstop Filter for Wireless Applications**
2016 | Cited: 9
110. **The influence of different media on rooting of litchi plant through air layering**
New Media Mass Commun 47, 12-15, 2016 | 2016 | Cited: 6
111. **A compact bandpass filter based on fractal defected ground structure Resonators**
Submitted to IETE Journal of Research, 2016 | 2016 | Cited: 5
112. **Preliminary phytochemical analysis, antioxidant, and antimicrobial evaluation of Carthamus lanatus**
Innovare Journal of Science 4, 1-3, 2016 | 2016 | Cited: 3
113. **Efficient, scalable and privacy preserving application attestation in a multi stakeholder scenario**
Computational Science and Its Applications--ICCSA 2016: 16th International ..., 2016 | 2016 | Cited: 3
114. **Wunderlich Fractal-based Printed Dual-band Dipole Antenna for Wearable RFID Applications**
2016 | Cited: 16
115. **Rooting and growth of chrysanthemum cultivars in response to different levels of calcium**
International journal of Biosciences 8 (2), 124-29, 2016 | 2016 | Cited: 1
116. **Design of BSF with Controlled Characteristics Based on Minkowski Fractal Geometry**
Engineering and Techology Journal, 2016 | 2016 | Cited: 16
117. **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: 8
118. **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: 8
119. **Free radical scavenging activity in in vitro-derived tissues of Eruca sativa**
Toxicology and Industrial Health 32 (1), 98-105, 2016 | 2016 | Cited: 24
120. **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
121. **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: 19
122. **A Compact Triple Band BSF Design Based on Minkowski Fractal Geometry**
18th IEEE Mediterranean Electrotechnical Conference, MELECON 2016, 2016 | 2016 | Cited: 18
123. **Investigation of dual-mode microstrip bandpass filter based on SIR technique**
PLoS one 11 (10), e0164916, 2016 | 2016 | Cited: 34
124. **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: 48
125. **Miniaturised microstrip bandpass filters based on Moore fractal geometry**
International Journal of Electronics 102 (8), 1306-1319, 2015 | 2015 | Cited: 57
126. **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: 35
127. **A Compact Dual-band Bandstop Filter Based on Fractal Microstrip Resonators**
Progress In Electromagnetics Research Symposium, PIERS 2015, 2015 | 2015 | Cited: 21
128. **Recognition of QAM Signals with Low SNR Using a Combined Threshold Algorithm**
IETE Journal of Research 61 (1), 65-71, 2015 | 2015 | Cited: 18
129. **Compact Substrate Integrated Waveguide BPF for Wideband Communication Applications**
2015 | Cited: 25
130. **Switchable square ring bandpass to bandstop filter for ultra-wideband applications**
International Journal of Microwave and Wireless Technologies, 1-10, 2015 | 2015 | Cited: 5

131. **An Accurate Technique to Model the Substrate of Wearable Textile Antennas**
2015
132. **VHDL Processor for Covering Information Using MD5 Algorithm I**
The islamic college university journal, 2014 | 2014
133. **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
134. **Wearable Sierpinski Dragon Fractal Patch Antenna for RFID Applications**
2014 | Cited: 2
135. **Enhancing growth curve approach using CGPANN for predicting the sustainability of new food products**
Artificial Intelligence Applications and Innovations: 10th IFIP WG 12.5 ..., 2014 | 2014 | Cited: 2
136. **Fabrication and Performance Evaluation of a Fractal-based Slot Printed Antenna for Dual-band Wireless Applications**
Iraqi Journal of Computer, Communication and Control Systems Engineering ..., 2014 | 2014 | Cited: 25
137. **Wind power forecasting—An application of machine learning in renewable energy**
2014 International Joint Conference on Neural Networks (IJCNN), 1130-1137, 2014 | 2014 | Cited: 28
138. **New Microstrip Bandpass Filter Designs Based on Stepped Impedance Hilbert Fractal Resonators**
IETE Journal of Research 60 (3), 257-264, 2014 | 2014 | Cited: 39
139. **Wide bandpass and narrow bandstop microstrip filters based on Hilbert fractal geometry: design and simulation results**
PLoS one 9 (12), e115412, 2014 | 2014 | Cited: 40
140. **A Dual-band Printed Slot Antenna Based on Modified Sierpinski Triangle**
International Journal of Electronics Communication and Computer Engineering ..., 2014 | 2014 | Cited: 6
141. **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
142. **Extracting trends ensembles in solar irradiance for green energy generation using neuro-evolution**
IFIP International Conference on Artificial Intelligence Applications and ..., 2014 | 2014 | Cited: 7
143. **An FPGA Based Design and Implementation of Unambiguous Ranging System Using Golay Sequences**
Al - Mansour Journal, 31-47, 2013 | 2013 | Cited: 4
144. **A fractal-based printed slot antenna for multi-band wireless applications**
Progress In Electromagnetics Research Symposium, Stockholm, Sweden, 1047 - 1051, 2013 | 2013 | Cited: 6
145. **A New Compact Slot Antenna for Dual-band WLAN Applications**
2013 | Cited: 15
146. **Future clients' requests estimation for dynamic resource allocation in cloud data center using cgpnn**
2013 12th International Conference on Machine Learning and Applications 2 ..., 2013 | 2013 | Cited: 14
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