

Achmad Munir

List of Publications by Year in descending order

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378
papers

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1170033

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378
all docs

378
docs citations

378
times ranked

620
citing authors

#	ARTICLE	IF	CITATIONS
1	Wideband Dual-Polarized 3D Printed Quad-Ridged Horn Antenna. IEEE Access, 2022, 10, 8036-8048.	2.6	23
2	Experimental Verification For Magnon and Photon Generation using YIG-Loaded Planar Resonator. , 2022, , .		0
3	Characterization of Compact Ovoidal Printed Antenna with Windowed Groundplane. , 2022, , .		3
4	Utilization of CSRR and DGS on Wideband SIW Bandpass Filter. , 2022, , .		4
5	Development of Circularly Polarized Ring-shaped Array Antenna for L-band Radar Application. , 2022, , .		4
6	Performance Comparison of FBP and CS Methods on Microwave Tomography. , 2021, , .		1
7	Energy Management System with IoT Connectivity for Portable Solar Power Plant. , 2021, , .		5
8	Android-based Disaster Management Application for After-Disaster Rapid Mobile Assessment. , 2021, , .		2
9	Analysis of Square Patch-based Electromagnetics Wave Absorber Frequency Response Using Transmission Line Model. , 2021, , .		3
10	Implementation of Circular Waveguide Band Pass Filter using Artificial Dielectric Resonator for Transverse Electric Propagation Mode. , 2021, , .		1
11	Design of Proximity Coupled Linear Antenna Array Using Kaiser Power Weighted Function. , 2021, , .		3
12	Experimental Validation of Dual-Polarized Aluminium-based Ridged Horn Antenna. , 2021, , .		1
13	Proximity Coupled Square Patch Array Antenna for L-Band Radar with Sequential Phase Feeding Network. , 2021, , .		2
14	Development of Filtering Power Divider for WLAN Application Using SIW Bandpass Filter. , 2021, , .		7
15	Interpolation Effect on FBP-Based Image Reconstruction of Measured L-Band Microwave Tomography. , 2021, , .		1
16	Design and Characterization of ADM-based Dual-band SIW Bandpass Filter. , 2021, , .		5
17	Experimental Approach of L-Band Microwave Tomography and Its Image Reconstruction Using CS Method. , 2021, , .		1
18	Experimental Investigation of Wave Absorber Made of Ring Resonator-Based AMC Structure. , 2021, , .		0

#	ARTICLE	IF	CITATIONS
19	Implementation and Experimental Characterization of Dual-Band Wearable Reflector Composed of AMC Structure for Wireless Communication. , 2021, , .		2
20	Implementation of Dolph-Chebyshev Window on Proximity-Fed Circularly Polarized Array Slotted Square Patch Antenna. , 2021, , .		3
21	Cut-Off Frequency Analysis of Ridged Rectangular Waveguide Based on Its Equivalent Circuit. , 2021, , .		1
22	Bandwidth Enhancement of Wideband Sensor Using Triangle-to-Oval Patch Geometric Change for EMC Measurement. , 2021, , .		4
23	Simulation and Experimental Study of Electromagnetic Heating for Heavy Oil Stimulation. , 2021, , .		2
24	Characteristic Performance of L-Band Waveguide BPF Made of Substrate Integrated Structure. , 2021, , .		3
25	AMC-Based Dualband Microstrip Antenna for Wireless Communication. , 2021, , .		0
26	Characterization of SIW-Based 5.8 Ghz Monopulse Antenna Using Type-V Linear Slot. , 2021, , .		1
27	Implementation of Non-Uniform Slot for Radiation Characteristics Improvement of Slot Substrate Integrated Waveguide Antenna. , 2021, , .		3
28	Experimental Investigation of ADM-based Microstrip Square Patch Antenna with Resonant Frequency Lowering Characteristic. , 2020, , .		1
29	Characterization of Power Weighted Linear Antenna Array Using Kaiser Function in Comparison with Uniform Distribution. , 2020, , .		1
30	Circularly Polarized Square Patch Array Antenna with Multiple Rectangular-Slots Fed by Proximity Coupling Technique. , 2020, , .		7
31	Analytical Comparison of Blackman and Kaiser Functions for Power Weighted Linear Array Antennas with Small Number of Elements. , 2020, , .		1
32	Two-stage S-Band LNA Development Using Non-Simultaneous Conjugate Match Technique. Journal of ICT Research and Applications, 2020, 13, 213.	0.5	3
33	AMC-based Dual-Band Wearable Reflector and Its Characterization with Dipole Antenna. , 2020, , .		1
34	Utilization of Filtered Back Projection and Compressive Sensing Methods on Microwave Tomography and Its Comparative Analysis. , 2020, , .		1
35	Meander Line-based Wilkinson Power Divider for Unmanned Aerial Vehicle Application. , 2020, , .		3
36	Narrowband BPF Made of Waveguide Loaded by SRR-based Frequency Selective Surfaces. , 2020, , .		1

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37	Accuracy Analysis of Transmission Phase-Shift Method for Material Characterization. , 2020, , .		0
38	Experimental Characterization of Compact Slotted Substrate-Integrated-Waveguide Array Antenna. , 2020, , .		3
39	Characterization of EM Wave Absorber Configured by Axially Symmetrical C-Shaped Planar Structure. , 2020, , .		3
40	Experimental Study on Polarization of X-Band Wave Absorber Configured by An Array of SRR with Thin Wire. , 2020, , .		1
41	Performance Analysis of 2.4 GHz Slotted Substrate Integrated Waveguide Array Antenna. , 2020, , .		6
42	Implementation of Meander Line Structure for Size Miniaturization of 4 \times 4 Butler Matrix. , 2020, , .		5
43	Performance Analysis of Waveguide BPF Configured by SRR-Based Frequency Selective Surface and Its Equivalent Circuit. , 2020, , .		2
44	Comparison of Image Reconstruction on Microwave Tomography Using Filtered Back Projection. , 2020, , .		5
45	Performance Characterization of Aluminium-based Dual-Polarized Wideband Quad-Ridged Horn Antenna. , 2020, , .		3
46	Performance Analysis of Equivalent Circuit on UWB Microstrip BPF. , 2020, , .		0
47	Characterization of PLA ϵ -based Quad-Ridged Horn Antenna. , 2020, , .		2
48	Development of Compact Wilkinson Power Divider Using Meander Line for UAV Telemetry Application. , 2020, , .		5
49	Frequency Reconfigurable Multiband Microstrip Antenna Composed of Artificial Magnetic Conductor. , 2020, , .		1
50	IoT-based Sensor System for Stop Line Traffic Area Using ATmega2560 Microcontroller. , 2020, , .		1
51	Performance Analysis of CS Method for Image Reconstruction on Microwave Tomography. , 2020, , .		1
52	Characterization of Electromagnetics Wave Absorber Composed of Ring Resonator Structure. , 2020, , .		2
53	Design of 2.4 GHz Slotted SIW Array Antenna for WLAN Application. , 2020, , .		15
54	Experimental Characterization of AMC-based Thin Tunable Absorber Using Varactor Diode. , 2020, , .		2

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55	SIW-based Radial-Line-Slot-Array Antenna for Wireless Communication. , 2020, , .		3
56	Transmission Phase-Shift Method for Complex Permittivity Determination of Biological Sample Performed Using X-Band Rectangular Waveguide. , 2020, , .		4
57	Absorption Characteristics of Tunable AMC-based Wave Absorber using Varactor Diode. , 2020, , .		1
58	Design of Rectangular Patch Antenna with Double-F-Slot for RFID Application. , 2020, , .		3
59	Development of Portable Solar Power Plant Equipped with IoT Connectivity. , 2020, , .		0
60	Design and Characterization of 1800MHz TM Mode Circular Waveguide Array Antenna for Energy Harvesting Application. , 2020, , .		0
61	Design and Characterization of High Gain Amplifier for ELF Receiver Application. , 2020, , .		0
62	Design of Compact SIW Bandpass Filter for GPS Application. , 2020, , .		7
63	Image Quality Assessment on Microwave Tomography Based on Filtered-Back-Projection. , 2020, , .		1
64	Tunable Multi-Band Microstrip Antenna Based on Artificial Magnetic Conductor. , 2020, , .		1
65	Filtering Power Divider Composed of SIW-based Bandpass Filter for WLAN Application. , 2020, , .		3
66	Characterization of Slotted Square Rings AMC Reflector Using Printed Dipole Antenna. , 2020, , .		1
67	Design and Realization of AMC-Based Tunable Multi-Band Microstrip Antenna. , 2020, , .		2
68	Reduced Size Meander Line-based 433MHz Printed Dipole Antenna for UAV Telemetry Application. , 2020, , .		3
69	Back Propagation Technique for Image Reconstruction of Microwave Tomography. , 2019, , .		7
70	Circular Waveguide Array Rectenna Equipped with Pump-Charge and DC-DC Converter Circuits for 1.8GHz RF Energy Harvesting Application. , 2019, , .		2
71	Study on Multilayer EM Wave Absorber Composed of Metasurface for X-band Application. , 2019, , .		7
72	Experimental Investigation on Effectiveness of High Power EM Wave Usage for Decreasing Heavy Oil Viscosity. , 2019, , .		2

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73	Data Monitoring System of Solar Module with Data Logger for Public Street Lighting Application. , 2019, , .		7
74	Radiation Characteristics of Chebyshev Function-Based Power Weighted Linear Array Antennas Influenced by Elements Configuration. , 2019, , .		2
75	Study on Equivalent Circuit of Wideband Microstrip Bandpass Filter Involving Defected Ground Structure. , 2019, , .		2
76	Experimental Characterization of Rectifier Made of Pump-Charge and DCâ€“DC Converter for Receiver of Wireless Power Transfer. , 2019, , .		2
77	PLA-based 3D Printed Quad-ridged Horn Antenna for Tomography Application. , 2019, , .		7
78	Analytical Approach for Dielectric Property Measurements of Biological Tissues Based on Transmission Phase-shift Method. , 2019, , .		3
79	Study on Super Wideband Compact Ovoidal Printed Antenna. , 2019, , .		5
80	Development of High Power Class-E Amplifier for Radio Communication of Tsunami Early Warning System. , 2019, , .		1
81	Performance Analysis of Power Weighted Linear Array Antennas Based on Blackman Function. , 2019, , .		8
82	Impact of CSRR Incorporation in Lowering Resonant Frequency of X-Band SIW Antenna. , 2019, , .		5
83	Verification Design of Up-Down Frequency Converter Based on Double-Balanced Mixer and Its Performance Characterization. , 2019, , .		0
84	Dual-polarized Wideband Horn Antenna with Lower Frequency Extension for Microwave Imaging Application. , 2019, , .		8
85	Differentially Proximity-coupled Circular Ring-shaped Array Antenna with Improved Radiation Characteristic. , 2019, , .		3
86	Effect of Earthquake Intensity to Land Deformation Observed from Space. , 2019, , .		5
87	Characterization of Artificial Dielectric Material Implementation on Square Patch Antenna. , 2019, , .		2
88	Characterization of Wideband Gain RF Amplifier for L-Band Frequency Application. , 2019, , .		1
89	Multilayer X-Band Wave Absorber with Enhanced Absorption Bandwidth. , 2019, , .		3
90	Incorporation of Spiral Shaped Defected Ground Structure for Improving Radiation Characteristic of Planar Array-Antenna. , 2019, , .		0

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91	Characterization of X-Band Wave Absorber Made of SRR-Based Metasurface. , 2019, , .		4
92	Effect of DGS Utilization on Characteristics of Square shaped CSRR-Based SIW BPF. , 2019, , .		6
93	Design of Linear Array Triangular Patch Antenna for Mobile Communication. , 2019, , .		1
94	Triple-Band Microstrip Patch Antenna Made of Artificial Magnetic Conductors. , 2019, , .		8
95	Development of Wideband Microstrip Bandpass Filter Involved Defected Ground Structure. , 2019, , .		2
96	A 2 \times 2 X-band Array Antenna with Sequential Rotation Network Feeding for Communication. , 2019, , .		5
97	Study on Radiation Characteristics of QRHA Based on Gaussian Ridge Profile. , 2019, , .		1
98	Multi-stage Ku-band Waveguide BPF Using CSRR-based Dielectric Frequency Selective Structure. , 2019, , .		1
99	Multiband Microstrip Antenna Using Square-shaped SRR Based Artificial Magnetic Conductors. , 2019, , .		5
100	High Gain 2-stage Class-E RF Power Amplifier for Wireless Power Transfer. , 2019, , .		1
101	Experimental Characterization of SRR-based Multilayer X-band Wave Absorber. , 2019, , .		3
102	Two-Stage Wideband Waveguide BSF Composed of CSRR-based Dielectric Frequency Selective Structure for X-band Application. , 2019, , .		1
103	Power Divider with Sequential Phase for X-Band Array Antenna Feeding Network Application. , 2019, , .		1
104	IoT System Implementation for ATmega328 Microcontroller Based Home Door Control. , 2019, , .		7
105	TM Mode Rectangular Waveguide Antenna for 2.3GHz LTE Recipient Signal Enhancement. , 2019, , .		0
106	Development of Dual Band Power Divider Using Meander Line Technique for Local Oscillator System. , 2019, , .		5
107	Defected Ground Structure for Characteristic Enhancement of CSRR-based Substrate Integrated Waveguide BPF. , 2019, , .		3
108	Performance Evaluation of Wavelet Packet Modulation for Wireless Digital Communications. , 2019, , .		3

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109	Axial Ratio Enhancement Using Triangular Truncation of X-band Communication Antenna. , 2019, , .		2
110	ATmega16 Microcontroller-based Automatic Coffee Brewing System using Pour Over V60 Technique. , 2019, , .		2
111	Performance Analysis of Fractal Wavelet Packet for Digital Mobile Communications. , 2019, , .		2
112	Performance Evaluation of Quad-Ridged Horn Antenna in Variation of Its Ridge Profile. , 2019, , .		8
113	FDTD Analysis for TE Mode Resonant Frequency of Anisotropic Circular Dielectric Resonator. , 2019, , .		0
114	Development of GPS Transceiver for Quadcopter-based Emergency Locator Beacon. , 2019, , .		2
115	On Possibility of Kaiser Function Utilization for Power Weighted Linear Array Antennas. , 2019, , .		1
116	Performance Analysis of Wideband Circularly Polarized Pyramidal Horn Antenna with Binomial Polarizer Manufactured by 3D Printing Technology. , 2019, , .		2
117	Circularly Polarized Sequential Phased Array Antenna Fed Using Proximity Coupling Method. , 2019, , .		1
118	TM Mode Circular Waveguide Array Antennas for 1800MHz RF Energy Harvesting. , 2019, , .		2
119	Filtering Power Divider using Pseudo Interdigital Based on Substrate Integrated Waveguide. , 2019, , .		2
120	Performance Analysis of Microstrip Circular Patch Antenna Composed of Artificial Dielectric Material. , 2018, , .		6
121	Differentially Proximity Coupled Ring Printed Antenna Array For L-Band SAR Application. , 2018, , .		4
122	Planar Array Antenna with Radiation Pattern Reconfigurability Using PIN Diode. , 2018, , .		3
123	SFCW Signal Generator Based on ATmega328 Microcontroller and RL2R Ladder Networks. , 2018, , .		2
124	Design and Implementation of Fuzzy Logic Controller for A Class of Hexapod Mobile Robot. , 2018, , .		5
125	3D Printed Wideband Circularly Polarized Pyramidal Horn Antenna. , 2018, , .		10
126	Resonant Frequency Analysis for Rectangular Waveguide Loaded with Anisotropic Dielectric Material Using 3D-FDTD Method. , 2018, , .		1

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127	Proximity Coupled Patch Array Antenna with Switchable Polarization for WLAN Application. , 2018, , .		4
128	Slot and DGS Incorporation for Bandwidth Enhancement of Substrate Integrated Waveguide Antenna. , 2018, , .		9
129	Power Transfer Efficiency of Planar Inverted-F Wireless Charging Radiator. , 2018, , .		1
130	Meandered Inductor Shape of DGS for Coupling Suppression Between Adjacent Elements of Array Antenna. , 2018, , .		5
131	Waveguide BPF Composed of Dielectric Frequency Selective Structure with High Suppression of Spurious Mode. , 2018, , .		3
132	Wideband Substrate-Integrated-Waveguide BPF Incorporated with Complimentary-Split-Ring-Resonators. , 2018, , .		3
133	13.56MHz CMOS-Based Crystal Oscillator for Wireless Power Transfer Application. , 2018, , .		2
134	Multilayered Wideband SIW Antenna Incorporated with Slot and DGS. , 2018, , .		5
135	Analysis of SIW BPF Performance Influenced by Number of CSRRs Incorporation. , 2018, , .		3
136	Circular Waveguide Array for Radio Frequency Energy Harvesting. , 2018, , .		4
137	SR-Based Printed Antenna Array with Reduced Size. , 2018, , .		0
138	Tomography Image Reconstruction using Parallel-Beam Projection at Microwave Frequency. , 2018, , .		7
139	IoT Based Organic Waste Burner for Wood Vinegar Production. , 2018, , .		2
140	Compact X-Band SIW Antenna with Reduced Size Using CSRR Incorporation. , 2018, , .		6
141	Experimental Approach of Resonant Frequency Lowering Using ADM for Microstrip Circular Patch Antenna. , 2018, , .		6
142	Miniaturization of 2.4GHz SIW Antenna using Complementary Split Ring Resonator. , 2018, , .		7
143	Size Reduction of Printed Antenna Based on Spiral Resonator Incorporated with Matching Circuit for Performance Enhancement. , 2018, , .		1
144	SIW Power Divider and its Performance Analysis Affected by Number of Incorporated CSRRs. , 2018, , .		5

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145	Performance Analysis of Waveguide BPF Loaded with Dielectric Frequency Selective Structure. , 2018, , .		0
146	Proximity-Coupled Multiband Substrate Integrated Waveguide Antenna with Defected Ground Structure. , 2018, , .		4
147	A 2\$ imes 2\$ Inset Feed Circular Patch Antenna Array for 1.8GHz LTE Application. , 2018, , .		6
148	Thin EM Wave Absorber Metasurface Based on Artificial Magnetic Conductor. , 2018, , .		6
149	FSK Modulation for Electronic Information Board Radio Communication of Tsunami Early Warning System. , 2018, , .		2
150	Experimental Analysis of Range Detection for Portable SFCW Ground Penetrating Radar. , 2018, , .		0
151	Compact SIW Power Divider with CSRRs for WLAN Application. , 2018, , .		6
152	Differentially Fed Ring-Shaped Planar Printed Antenna with Higher Order Mode Suppression. , 2018, , .		2
153	A Novel Technique of Broadband Circularly Polarized Microstrip Antenna Development with Square Ring Slot for SAR Application. , 2018, , .		1
154	A 13.56MHz AD9850 Oscillator with E-Class Power Amplifier for Wireless Power Charging. , 2018, , .		5
155	Planar Array-Antenna with Improved Radiation Characteristic Using Spiral Shaped DGS. , 2018, , .		1
156	DDS-Based 13.56MHz Sine Wave Generator for Wireless Charging System. , 2018, , .		3
157	PLA-based 3D printed circularly polarized X-band horn array antenna for CP-SAR sensor. , 2018, , .		23
158	4.2GHz compact collinear antenna for manpack satellite communication. , 2018, , .		0
159	Equilateral Triangular Slot Antenna for Communication System and GNSS RO Sensor of GAIA-I Microsatellite. IEICE Transactions on Communications, 2018, E101.B, 835-846.	0.4	6
160	Electronic Information Board Based on AVR Atmega128 for TEWS in Cilacap. Bulletin of Electrical Engineering and Informatics, 2018, 7, 216-221.	0.6	5
161	Flexible Artificial Magnetic Conductor Reflector for Wearable Antenna Application. , 2018, , .		13
162	Experimental study on small scale L-band FMCW synthetic aperture radar. , 2017, , .		1

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163	Automatic direction system for outdoor WLAN antenna array driven by AT89S51 microcontroller. , 2017, , .		4
164	Wireless electronic information board for tsunami early warning system based on FM radio. , 2017, , .		3
165	Slot and corner truncation for enhancing bandwidth of circularly polarized patch antenna. , 2017, , .		12
166	Effect of DGS incorporation for bandwidth enhancement of UWB microstrip BPF. , 2017, , .		10
167	Design of printed bowtie dipole array antenna for rectenna application. , 2017, , .		4
168	Bandwidth enhancement of substrate integrated waveguide cavity-backed slot antenna. , 2017, , .		7
169	1.8GHz printed bow-tie dipole rectenna with voltage quadrupler for RF energy harvesting. , 2017, , .		13
170	Automatic VSAT antenna pointing system featured with non-horizontal alignment autocorrect. , 2017, , .		0
171	Proximity-coupled L-band patch array antenna fed by binomial power distribution. , 2017, , .		11
172	Late-time ringing characterization of cavity-backed UWB printed monopole antenna. , 2017, , .		5
173	Circuit analysis of coupled lines and open stubs based UWB microstrip BPF. , 2017, , .		2
174	Spiral-shaped printed planar inverted-F antenna for body wearable application. , 2017, , .		15
175	Coupling reduction between two elements of array antenna using U-shaped defected ground structure. , 2017, , .		10
176	Wideband monofilar helical antenna for wireless communication in remote area. , 2017, , .		0
177	Dual-band patch antenna incorporated with SRR for GPS and WLAN application. , 2017, , .		1
178	Wideband lhcp truncated-circular-shape microstrip antenna for sar application. , 2017, , .		6
179	Bowtie-shaped DGS for reducing coupling between elements of planar array antenna. , 2017, , .		6
180	Artificial dielectric material and its implementation for TE _{io} mode waveguide filter. , 2017, , .		2

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181	Persistent scattering interferometry sar based velocity and acceleration analysis of land deformation: case study on kelok sembilan bridge. , 2017, , .		3
182	Side lobe level suppression for L-band array antenna using binomial power distribution. , 2017, , .		10
183	Performance enhancement of cavity-backed UWB printed monopole antenna. , 2017, , .		5
184	Linearly polarized slotted patch antenna array fed by power weighting distribution. , 2017, , .		12
185	DGS-based UWB microstrip bandpass filter and its equivalent circuit. , 2017, , .		8
186	Compact dual band printed planar inverted-F antenna for wireless communications. , 2017, , .		2
187	System simulation of low power FMCW-based X-band weather radar. , 2017, , .		0
188	DGS-based UWB microstrip BPF and its equivalent circuit. , 2017, , .		6
189	Study on capacitor-based reconfigurable FSS and its characterization. , 2017, , .		0
190	Experimental validation of microwave imaging for wood inspection. , 2017, , .		9
191	Accuracy analysis of range detection for SFCW portable through-wall radar. , 2017, , .		9
192	A new method of bandwidth widening for square patch antenna fed by proximity feeding line. , 2017, , .		5
193	Study on equivalent circuit of wideband BPF using groundplane windowed SRR and its realization. , 2017, , .		7
194	Effect of truncation shape against axial ratio of left-handed circularly polarized X-band antenna. , 2017, , .		8
195	Incorporation of high permittivity circular dielectric resonator for enhancing resonant frequency of microstrip antenna. , 2017, , .		0
196	LHCP X-band printed antenna with ellipse-shaped truncation for microsatellite data communication. , 2017, , .		4
197	Wideband BPF composed of planar inverted-F shaped for S-band frequency application. , 2017, , .		2
198	Implementation of planar inverted-F structure for wireless charging radiator. , 2017, , .		5

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199	Broadband X-band circularly polarized microstrip antenna with elliptical patch ring-slotted for airborne sar system. , 2017, , .		7
200	Metasurface-backed monopole printed antenna with enhanced bandwidth. , 2017, , .		9
201	Development of compact SLR BPF with cross-shaped I/O coupling. , 2017, , .		1
202	Wide bandwidth left-handed circularly polarized printed antenna with crescent slot. , 2017, , .		12
203	Normal mode 3.3GHz bifilar helical antenna for wireless communication. , 2017, , .		2
204	Equivalent circuit analysis of square-loop-resonator BPF with cross-shaped I/O coupling for X-band frequency application. , 2017, , .		4
205	3D print X-band horn antenna for ground-based SAR application. , 2017, , .		7
206	Polyphase P4 code usage for target detection of pulse radar using Matlab and GNU radio. , 2017, , .		0
207	Cohn topology-based 1:8 power divider for S-band array antenna feeding network. , 2017, , .		8
208	Planar array approach as alternative method to characterize radiation pattern of 2 \tilde{A} — 2 spiral resonator (SR) structure. , 2017, , .		1
209	Microwave heating with nano ferro fluid for heavy oil application. , 2017, , .		5
210	Printed traveling wave antenna with vertical transition for wireless communications. , 2017, , .		2
211	Experimental study on textile properties for wearable absorber using cavity method. , 2017, , .		4
212	High Sensitivity Very Low Frequency Receiver for Earthquake Data Acquisition. Telkomnika (Telecommunication Computing Electronics and Control), 2017, 15, 150.	0.6	3
213	Theoretical Analysis of Resonant Frequency for Anisotropic Artificial Circular Dielectric Resonator Encapsulated in Waveguide. International Journal on Electrical Engineering and Informatics, 2017, 9, 259-270.	0.3	5
214	Coupling analysis of isotropic and anisotropic dielectric materials in rectangular waveguide. , 2016, , .		1
215	FDTD method for property analysis of waveguide loaded artificial circular dielectric resonator with anisotropic permittivity. , 2016, , .		3
216	Experimental approach of FMCW signal generation using Direct Digital Synthesizer module. , 2016, , .		1

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217	Development of FMCW SAR on L-band frequency for UAV payload. , 2016, , .		4
218	Development of multiple elements of SRR-based Bandpass Filter. , 2016, , .		8
219	Ultra high frequency log periodic antenna for digital TV application. , 2016, , .		0
220	Design of 9GHz dual-polarized rectangular waveguide antenna. , 2016, , .		4
221	Performance analysis of FMCW-based X-band weather radar. , 2016, , .		3
222	Proximity coupled x-band patch antenna array with dual polarization. , 2016, , .		12
223	Circular waveguide BPF composed of artificial dielectric resonators. , 2016, , .		7
224	Experimental approach of quality enhancement for image acquisition of ground penetrating radar. , 2016, , .		6
225	Dual polarization X-band square horn antenna. , 2016, , .		2
226	A novel of square loop resonator band pass filter by using cross-shape input/output coupling for 9GHz application. , 2016, , .		2
227	Isolation improvement for x-band FMCW radar transmit and receive antennas. , 2016, , .		7
228	Wideband printed dipole antenna fed using modified planar marchand balun. , 2016, , .		9
229	Effect of elements number of SRR-based BPF to its characteristics. , 2016, , .		6
230	Signal analysis of GMSK modulation-based CubeSat automatic identification system receiver. , 2016, , .		10
231	Equivalent circuit for microstrip bandpass filter. , 2016, , .		4
232	Adaptive FFT-based signal processing on FMCW weather radar. , 2016, , .		2
233	Dual-band microstrip patch antenna using capacitive artificial magnetic conductor. , 2016, , .		13
234	Characteristic improvement of circular waveguide BPF using artificial dielectric resonators. , 2016, , .		8

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235	Development of automatic VSAT antenna pointing system based on AVR microcontroller. , 2016, , .		2
236	Utilization of split ring resonator for compact narrowband microstrip bandpass filter. , 2016, , .		8
237	Resonant frequency lowering of square patch antenna using anisotropic artificial dielectric material. , 2016, , .		11
238	Analysis of equivalent circuit for bandpass filter based on SRR with groundplane windowing. , 2016, , .		10
239	Compact T-shaped dipole antenna for GPS application. , 2016, , .		4
240	Cylindrical coordinate system-based FDTD method for analysis of THz circular waveguide coated by dielectric material. , 2016, , .		1
241	Circular sector printed antenna array for S-band radar application. , 2016, , .		5
242	Image quality improvement for GPR acquisition using interpolation method. , 2016, , .		2
243	High gain 2.4GHz patch antenna array for rural area application. , 2016, , .		15
244	Signal processing of position plan indicator display for weather radar. , 2016, , .		5
245	Rectangular waveguide BPF using split ring resonator metamaterials. , 2016, , .		10
246	Side lobe suppression for X-band array antenna using Dolph-Chebyshev power distribution. , 2016, , .		18
247	Design and realization of planar reflector based on artificial magnetic conductor at S-band frequency. , 2016, , .		10
248	Slot utilization for altering polarization of X-band microstrip patch antenna. , 2016, , .		8
249	X-band microstrip narrowband BPF composed of split ring resonator. , 2016, , .		4
250	Development of dual-band microstrip bandpass filter based on split ring resonator. , 2016, , .		6
251	Experimental approach of X-band slotted microstrip patch antenna array with non-uniform current distribution. , 2016, , .		4
252	Modeling and analyzing of seismo-electromagnetics disturbance on crust of earth using FDTD method. , 2016, , .		1

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