

Lotfollah Shafai

List of Publications by Year in descending order

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196
papers

2,091
citations

279798

23
h-index

265206

42
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199
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199
docs citations

199
times ranked

1644
citing authors

#	ARTICLE	IF	CITATIONS
1	Investigation Into the Effects of the Patch-Type FSS Superstrate on the High-Gain Cavity Resonance Antenna Design. IEEE Transactions on Antennas and Propagation, 2010, 58, 258-270.	5.1	180
2	A Wideband Microwave Tomography System With a Novel Frequency Selection Procedure. IEEE Transactions on Biomedical Engineering, 2010, 57, 894-904.	4.2	121
3	Investigation Into the Application of Artificial Magnetic Conductors to Bandwidth Broadening, Gain Enhancement and Beam Shaping of Low Profile and Conventional Monopole Antennas. IEEE Transactions on Antennas and Propagation, 2011, 59, 4-20.	5.1	116
4	Filter-Antenna Module Using Substrate Integrated Waveguide Cavities. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 59-62.	4.0	83
5	X-Band Tunable Frequency Selective Surface Using MEMS Capacitive Loads. IEEE Transactions on Antennas and Propagation, 2015, 63, 1014-1021.	5.1	71
6	Performance of a Novel Ψ -Shape Microstrip Patch Antenna With Wide Bandwidth. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 468-471.	4.0	64
7	Enhancement of Gauss-Newton Inversion Method for Biological Tissue Imaging. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 3424-3434.	4.6	64
8	Application of combined electric- and magnetic-conductor ground planes for antenna performance enhancement. Canadian Journal of Electrical and Computer Engineering, 2008, 33, 87-98.	2.0	61
9	Sidelobe Reduction of TM_{12} Mode of Circular Patch via Nonresonant Narrow Slot. IEEE Transactions on Antennas and Propagation, 2016, 64, 3361-3369.	5.1	60
10	A Near-Field Dual Polarized (TE-TM) Microwave Imaging System. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 1376-1384.	4.6	59
11	C-Band Polarimetric Backscattering Signatures of Newly Formed Sea Ice During Fall Freeze-Up. IEEE Transactions on Geoscience and Remote Sensing, 2010, 48, 3256-3267.	6.3	49
12	Compact Wideband Multimode Dielectric Resonator Antennas Fed With Parallel Standing Strips. IEEE Transactions on Antennas and Propagation, 2012, 60, 5021-5031.	5.1	48
13	Effects of Artificial Magnetic Conductors in the Design of Low-Profile High-Gain Planar Antennas With High-Permittivity Dielectric Superstrate. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 10-13.	4.0	47
14	A High-Gain Single-Feed Dual-Mode Microstrip Disc Radiator. IEEE Transactions on Antennas and Propagation, 2016, 64, 2115-2126.	5.1	47
15	A Novel Microwave Tomography System Based on the Scattering Probe Technique. IEEE Transactions on Instrumentation and Measurement, 2012, 61, 379-390.	4.7	46
16	Printable Planar Dielectric Antennas. IEEE Transactions on Antennas and Propagation, 2016, 64, 403-413.	5.1	43
17	A Multiplicative Regularized Gauss-Newton Inversion for Shape and Location Reconstruction. IEEE Transactions on Antennas and Propagation, 2011, 59, 4790-4802.	5.1	42
18	On the Characteristics of the Highly Directive Resonant Cavity Antenna Having Metal Strip Grating Superstrate. IEEE Transactions on Antennas and Propagation, 2012, 60, 78-91.	5.1	39

#	ARTICLE	IF	CITATIONS
19	A Novel High-Gain Printed Antenna Configuration Based on $T_{M_{12}}$ Mode of Circular Disc. IEEE Transactions on Antennas and Propagation, 2016, 64, 790-796.	5.1	39
20	A Study on the C-Band Polarimetric Scattering and Physical Characteristics of Frost Flowers on Experimental Sea Ice. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 1787-1798.	6.3	31
21	Miniaturized Transparent Metallodielectric Resonator Antennas Integrated With Amorphous Silicon Solar Cells. IEEE Transactions on Antennas and Propagation, 2017, 65, 2265-2275.	5.1	31
22	A planar ultrawideband elliptical monopole antenna with reflector for breast microwave imaging. Microwave and Optical Technology Letters, 2014, 56, 808-813.	1.4	30
23	On the Matching of Microstrip-Fed Dielectric Resonator Antennas. IEEE Transactions on Antennas and Propagation, 2013, 61, 5291-5296.	5.1	28
24	A Simplified Feed Model for Investigating the Cross Polarization Reduction in Circular- and Elliptical-Rim Offset Reflector Antennas. IEEE Transactions on Antennas and Propagation, 2012, 60, 1261-1268.	5.1	23
25	A Fast and Efficient Free-Space Dielectric Measurement Technique at mm-Wave Frequencies. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2630-2633.	4.0	22
26	Microwave tomography techniques and algorithms: A review. , 2012, , .		21
27	Design and performance analysis of the miniaturised water-filled double-ridged horn antenna for active microwave imaging applications. IET Microwaves, Antennas and Propagation, 2015, 9, 1173-1178.	1.4	21
28	Artificial magnetic conductor using split ring resonators and its applications to antennas. Microwave and Optical Technology Letters, 2006, 48, 329-334.	1.4	20
29	Wave Propagation in 1D EBGs: Periodic Multilayer Films Consisting of Two Different Materials [This Issue's Contribution]. IEEE Antennas and Propagation Magazine, 2008, 50, 175-182.	1.4	20
30	Modeling and Measurement of C-Band Radar Backscatter From Snow-Covered First-Year Sea Ice. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 4063-4078.	6.3	20
31	A Compact Microstrip Patch Antenna for Civilian GPS Interference Mitigation. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 381-384.	4.0	20
32	Multiple Phase Center Performance of Reflector Antennas Using a Dual Mode Horn. IEEE Transactions on Antennas and Propagation, 2006, 54, 3407-3417.	5.1	19
33	Enhancement of microstrip antenna directivity using double-superstrate configurations. Canadian Journal of Electrical and Computer Engineering, 2007, 32, 77-82.	2.0	19
34	Investigation Into the Effects of the Reflection Phase Characteristics of Highly-Reflective Superstrates on Resonant Cavity Antennas. IEEE Transactions on Antennas and Propagation, 2010, 58, 3392-3396.	5.1	18
35	A Directional Antenna in a Matching Liquid for Microwave Radar Imaging. International Journal of Antennas and Propagation, 2015, 2015, 1-8.	1.2	17
36	Gain Enhancement in Circular Microstrip Antenna via Linear Superposition of Higher Zeros. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 896-899.	4.0	17

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37	A Well-Conditioned Non-Iterative Approach to Solution of the Inverse Problem. IEEE Transactions on Antennas and Propagation, 2012, 60, 2418-2430.	5.1	16
38	Low-Cost, Microstrip-Fed Printed Dipole for Prime Focus Reflector Feed. IEEE Transactions on Antennas and Propagation, 2012, 60, 5428-5433.	5.1	15
39	Polarization Characteristics of Multiband Loaded Microstrip Annular Ring Antennas. IEEE Transactions on Antennas and Propagation, 2009, 57, 2788-2793.	5.1	14
40	Investigating a double layer Vivaldi antenna design for fixed array field measurement. International Journal of Ultra Wideband Communications and Systems, 2010, 1, 282.	0.1	14
41	A Monte Carlo Method for Simulating Scattering From Sea Ice Using FVTD. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 2658-2668.	6.3	14
42	A Novel Dual-Mode Dual-Polarized Circular Waveguide Feed Excited by Concentrically Shorted Ring Patches. IEEE Transactions on Antennas and Propagation, 2013, 61, 4917-4925.	5.1	14
43	Compact Dual Circularly Polarized Primary Feeds for Symmetric Parabolic Reflector Antennas. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 922-925.	4.0	14
44	Investigation of Virtual Array Antennas With Adaptive Element Locations and Polarization Using Parabolic Reflector Antennas. IEEE Transactions on Antennas and Propagation, 2013, 61, 688-699.	5.1	13
45	A modified double layer Tapered Slot Antenna with improved cross polarization. , 2009, , .		12
46	Pattern Equalization of Circular Patch Antennas Using Different Substrate Permittivities and Ground Plane Sizes. IEEE Transactions on Antennas and Propagation, 2011, 59, 3502-3511.	5.1	12
47	Tall microstrip transmission lines for dielectric resonator antenna applications. IET Microwaves, Antennas and Propagation, 2014, 8, 112-124.	1.4	12
48	An Ultra Wideband (UWB) Mixer with 0.18UM RF CMOS Technology. , 2006, , .		11
49	Investigation into Polarization of Unloaded and Loaded Microstrip Square-Ring Antennas. IEEE Transactions on Antennas and Propagation, 2008, 56, 3129-3135.	5.1	11
50	Ultrawideband monopulse antenna with application as a reflector feed. IET Microwaves, Antennas and Propagation, 2016, 10, 393-400.	1.4	11
51	Investigations of a novel $\hat{\Gamma}$ -shape microstrip patch antenna with wide impedance bandwidth. , 2007, , .		10
52	A Multiprobe-Per-Collector Modulated Scatterer Technique for Microwave Tomography. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1445-1448.	4.0	10
53	Printable Planar Dielectric Waveguides Based on High-Permittivity Films. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 2720-2729.	4.6	9
54	Compact Lightweight Polymeric-Metallic Resonator Antennas Using a New Radiating Mode. IEEE Transactions on Antennas and Propagation, 2016, 64, 16-24.	5.1	9

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55	Investigation on the EM-Coupled Stacked Square Ring Antennas With Ultra-Thin Spacing. IEEE Transactions on Antennas and Propagation, 2011, 59, 3978-3990.	5.1	8
56	A Corrugated Printed Dipole Antenna With Equal Beamwidths. IEEE Transactions on Antennas and Propagation, 2014, 62, 1469-1474.	5.1	8
57	A miniaturized artificial magneto-dielectric resonator antenna with split ring resonators. , 2016, , .		8
58	Performance enhancement of the compact microstrip antennas using AMC ground planes. Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , .	0.0	7
59	Gain and bandwidth enhancement of stacked H-shaped patch-open ring antenna. , 2016, , .		7
60	Microstrip square-ring antenna with capacitive feeding for multi-frequency operation. , 2008, , .		6
61	Improved Matching of Waveguide Focal Plane Arrays Using Patch Array Covers as Compared to Conventional Dielectric Sheets. IEEE Transactions on Antennas and Propagation, 2009, 57, 3062-3076.	5.1	5
62	An extremely low-profile offset-fed curl antenna over an AMC ground. Microwave and Optical Technology Letters, 2011, 53, 1036-1041.	1.4	5
63	A double-ridged horn antenna design in canola oil for medical imaging. , 2013, , .		5
64	ANALYSIS OF A DOUBLE-LAYERED VIVALDI ANTENNA INSIDE A METALLIC ENCLOSURE. Progress in Electromagnetics Research, 2013, 143, 503-518.	4.4	5
65	Polarisation reconfigurable, centreâ€fed, and lowâ€profile Archimedean spiral antennas with unidirectional broadside patterns. IET Microwaves, Antennas and Propagation, 2017, 11, 726-731.	1.4	5
66	A Controlled Reception Pattern Antenna Array With Dual-Mode Circular Microstrip Antenna Elements for Increased Angular Availability. IEEE Transactions on Antennas and Propagation, 2018, 66, 2594-2598.	5.1	5
67	Electromagnetically-coupled multiple square rings for multi-frequency operation. Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , .	0.0	4
68	Improvements in the performance of compact microstrip antennas using AMC ground planes. , 2010, , .		4
69	Effect of feed phase errors on the crosspolarization of offset reflector antennas. Microwave and Optical Technology Letters, 2011, 53, 231-235.	1.4	4
70	Analysis of a 3D microwave imaging system. , 2013, , .		4
71	A Pattern Diversity Antenna for Ambient RF Energy Harvesting in Multipath Environments. , 2018, , .		4
72	Impact of Element Pattern Symmetry on the Effective Degrees of Freedom in Dual-Polarized GNSS Adaptive Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2018, 66, 4669-4677.	5.1	4

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73	Investigation on probe-fed open-ring microstrip antenna for miniaturization. Microwave and Optical Technology Letters, 2006, 48, 2175-2179.	1.4	3
74	Displacement of phase center location in circular microstrip antennas. Microwave and Optical Technology Letters, 2008, 50, 2531-2535.	1.4	3
75	Ohmic loss reduction and gain enhancement of microstrip antennas using laminated conductors. , 2009, , .		3
76	Application of the artificial magnetic conductor ground plane for enhancement of antenna input impedance bandwidth. Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , .	0.0	3
77	Effect of extending grounded substrate beyond AMC on the performance of spiral antennas. , 2010, , .		3
78	On the design of high-gain resonant cavity antennas using different highly-reflective frequency selective surfaces as the superstrates. , 2010, , .		3
79	An investigation on the transmission response of a miniaturized double-ridged horn antenna for radar-based imaging. , 2012, , .		3
80	Efficiency improvement of small slotted annular ring antenna using laminated conductors. , 2014, , .		3
81	Cavity backed circularly polarized spiral antennas. , 2014, , .		3
82	Compact Rear-Radiating Circularly Polarized Feeds for Front-Fed Reflector Antennas. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2449-2452.	4.0	3
83	A <scp>CRPA</scp> array with dual-mode patch antenna elements for <scp>GPS</scp> applications. Microwave and Optical Technology Letters, 2018, 60, 1261-1265.	1.4	3
84	On Use of Inhomogeneous Media for Elimination of Ill-Posedness in the Inverse Problem. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 857-860.	4.0	3
85	Investigation on the phase centre of ultra wideband circular monopole antennas. , 2008, , .		2
86	Performance of small primary feeds with E- and H-plane slots. , 2009, , .		2
87	Modeling, simulation, design and fabrication of a high-gain cavity resonance antenna having a highly-reflective patch-type FSS superstrate. , 2009, , .		2
88	A parametric study using ansoft HFSS and ansoft designer on the effect of aperture diameter on the transmission properties of its array. , 2009, , .		2
89	Parametric study of Vivaldi antenna. , 2009, , .		2
90	Development of an adaptive surface using electromagnetically coupled patches. Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , .	0.0	2

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91	A novel orthogonal linearly polarized directional antenna for ultra wideband applications. , 2010, , .		2
92	Electromagnetic scattering by periodic conducting strip grating on grounded dielectric slab: Study of the angular and polarization dependence in different incident planes. , 2010, , .		2
93	Comparison of two different simulation methods for the design of reflect-arrays. , 2010, , .		2
94	Broadband rare radiating printed dipole antenna. , 2011, , .		2
95	Comparison study of the performance of different UWB plate monopole antennas for communication applications. , 2012, , .		2
96	Design procedure of a filter-antenna module implemented in substrate integrated waveguide technology. Analog Integrated Circuits and Signal Processing, 2012, 73, 895-907.	1.4	2
97	An MST-based microwave tomography system using homodyne receiver. , 2013, , .		2
98	A novel ultra-wideband pattern diversity antenna for high-gain applications. , 2014, , .		2
99	Planar, self-complementary, and wideband antennas with polarization diversity. , 2014, , .		2
100	Polarization-reconfigurable microstrip antenna with a fixed frequency band using a single switch. Microwave and Optical Technology Letters, 2014, 56, 57-60.	1.4	2
101	Development of adaptive structures incorporating MEMS devices to be used as reflectarrays or transmitarrays. Microwave and Optical Technology Letters, 2014, 56, 935-938.	1.4	2
102	Photoresist-based dielectric resonator antenna fabrication and performance: A review. , 2014, , .		2
103	Towards a high gain, low profile directional ultra wideband antenna. , 2014, , .		2
104	A fast and efficient permittivity estimation method for artificially engineered microwave materials. , 2014, , .		2
105	GPS anti-jamming performance of multimode microstrip antennas. , 2016, , .		2
106	Excessive Aperture Efficiency of Compact Antennas Demonstrated by Waveguides and Small Horns. , 2021, , .		2
107	Slotted Microstrip Patch Antenna and its Influence on Wideband Planar Antenna Designs. , 2020, , .		2
108	Effects of reflector size and spacing on microstrip slot antenna performance. , 2004, , .		1

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109	Relationship between the source excitation, electromagnetic field solutions and the resonance of modes in material structures. Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , .	0.0	1
110	Parametric study of EBC bandwidth for grounded square patch arrays by dispersion analysis. , 2009, , .		1
111	Source excitation effects on power radiation from material and metamaterial resonances. , 2009, , .		1
112	Control of phase centre location in circular microstrip antennas operating at TM ₁₁ and TM ₀₂ modes. Microwave and Optical Technology Letters, 2009, 51, 166-169.	1.4	1
113	Low profile offset-fed single arm spiral antenna over an AMC ground plane. , 2010, , .		1
114	Development of an adaptive surface controlled by MEMS-bridges to transmit or reflect electromagnetic waves. , 2011, , .		1
115	Evaluation of a microwave tomography system for animal tissue imaging. , 2012, , .		1
116	Enhancement of near-field probing in a microwave tomography system. , 2012, , .		1
117	An analytical review of cross polarization reduction in offset reflector antennas. , 2012, , .		1
118	Parametric study of a water-filled double-ridged horn antenna for biomedical imaging application. , 2012, , .		1
119	Size reduction of a double-ridged horn antenna for a bistatic radar-based breast imaging system. , 2012, , .		1
120	A novel antenna design technique using finite element method and transmission line theory. Microwave and Optical Technology Letters, 2012, 54, 126-133.	1.4	1
121	A physical interpretation of effective dielectric properties of slow-wave transmission lines in small antenna applications. , 2013, , .		1
122	Electronically controlled phase center locations in electrically large aperture antennas with enhanced cross-talk properties. , 2014, , .		1
123	Open-ended waveguide antenna excitation with microstrip patch elements. , 2014, , .		1
124	Parametric study of cavity backed spiral antennas. , 2014, , .		1
125	Laminated small H-shaped microstrip patch antenna with improved efficiency. , 2014, , .		1
126	Wideband highly-efficient transparent/miniaturized antennas using clear colorless acrylic sheets for space/WLAN applications. , 2014, , .		1

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127	Applications of trimode waveguide feeds in adaptive virtual array antennas. Radio Science, 2015, 50, 202-210.	1.6	1
128	Beam squint correction in offset reflector antennas with circularly-polarized tapered primary feeds. , 2015, , .		1
129	Super-miniaturized dielectric-metallic resonator antennas. , 2015, , .		1
130	High gain circular microstrip antennas using TM_{1m} modes. , 2015, , .		1
131	Investigation of fourâ€arm Archimedean spiral antennas with a builtâ€in balun for balanced multiâ€mode operations in GPS applications. Microwave and Optical Technology Letters, 2016, 58, 762-767.	1.4	1
132	Study of finite ground plane effects in circularly-polarized circular microstrip antennas. , 2016, , .		1
133	Resonance effects in antennas coated with material and metamaterials. , 2016, , .		1
134	Coaxial cavity waveguide antennas excited by stacked circular microstrip patches for use as prime-focus reflector feeds. International Journal of RF and Microwave Computer-Aided Engineering, 2017, 27, e21076.	1.2	1
135	Split ring loaded dielectric resonator antenna. , 2017, , .		1
136	Effect of Element Pattern Symmetry on the Performance of Dual-Polarized GNSS Adaptive Antenna Arrays. , 2018, , .		1
137	Split Ring Loaded Dual-polarized Dielectric Resonator Antennas. , 2019, , .		1
138	A compact dualâ€band dualâ€mode antenna for GPS L1/L2 adaptive interference cancellation. Microwave and Optical Technology Letters, 2020, 62, 1230-1236.	1.4	1
139	Frequency Scalability of Dual-polarized Flat-wire Open Loop Antennas. , 2021, , .		1
140	A Triangularly Packed Planar Array of Dual-polarized L-band Flat-wire Open Loop Antennas. , 2021, , .		1
141	The effects of conductor and dielectric back planes on the performance of finite rectangular microstrip antennas. , 2005, , .		0
142	The properties of microstrip patch antennas with EBG substrates within the lower frequency band outside the bandgaps. , 2005, , .		0
143	Beam-squint minimization in series-slotted waveguide array antennas using double negative materials. Microwave and Optical Technology Letters, 2006, 48, 1789-1792.	1.4	0
144	Preface to special section on 2007 International Ottawa Symposium on Electromagnetic Theory. Radio Science, 2008, 43, n/a-n/a.	1.6	0

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145	Parametric studies of high impedance AMC surfaces realized by periodic array of arbitrarily shaped metallizations printed over grounded dielectric substrates. , 2008, , .		0
146	Investigation of dielectric sheath and periodic microstrip patch array as matching layers over waveguide arrays. , 2008, , .		0
147	Permittivity measurement of annular dielectric samples using a quadratic curve fitting technique. , 2008, , .		0
148	Parametric characterization of parabolic reflector antennas fed by focal plane arrays. , 2008, , .		0
149	A dual-arm Archimedean spiral antenna over a low-profile artificial magnetic conductor ground plane. , 2009, , .		0
150	Loaded annular ring antennas for multi-frequency operation. , 2009, , .		0
151	Transmission properties of a circular aperture array on a ground plane backed by a rectangular patch, etched on substrate, over each aperture. Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , .	0.0	0
152	Effects of finite ground plane and substrate permittivity on E- and H- plane Co-polarization patterns of the circular patch antenna. , 2010, , .		0
153	Phase center study of slotted circular waveguide feed. , 2010, , .		0
154	Circular patch antenna with nearly-equal E- and H-plane co-polarization patterns. , 2010, , .		0
155	Observation of two counter-intuitive behaviors in the antennas having EBG or HIS structure as the ground plane. , 2010, , .		0
156	Reflect-array study with shorted slotted ground plane using microstrip patches or rings as cell elements. , 2010, , .		0
157	Study of the microstrip patch or ring as a cell element for a transmit-array with slotted ground plane. , 2010, , .		0
158	E-plane slotted circular waveguide feed with a single choke. , 2010, , .		0
159	Effect of air-gap on axial ratio of low profile spiral antenna. Microwave and Optical Technology Letters, 2011, 53, 2422-2423.	1.4	0
160	A miniaturized engineered ground plane for low profile single-arm spiral antennas. , 2012, , .		0
161	Effect of size reduction on the performance of UWB Vee dipole antennas. , 2012, , .		0
162	A new low-loss and efficient excitation method for low-permittivity dielectric resonator antennas. , 2012, , .		0

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163	Displacement of phase centre location of a tri-mode stacked circular microstrip patch antenna. , 2012, , .		0
164	An overview of latest advancements in displaced phase centre antenna (DPCA) techniques. , 2013, , .		0
165	Investigation of the effect of reflect array element periodicity on aperture efficiency. , 2013, , .		0
166	An ultrawideband elliptical monopole antenna for breast microwave radar imaging. , 2013, , .		0
167	Reduction of ohmic loss in planar circuits and antennas using laminated conductors. , 2013, , .		0
168	Fabrication of photoresist-based polymer resonator antennas using ultra-thick SU-8 based dry films. , 2013, , .		0
169	Study of stacked circular patch antennas with circular symmetric patterns as reflector feeds. , 2013, , .		0
170	A highly-efficient planar dielectric radiating structure. , 2013, , .		0
171	Slotted waveguide arrays for collecting near-field scattering data. , 2014, , .		0
172	Narrow film transmission lines and antennas. , 2014, , .		0
173	Estimating focal points of offset reflector antennas with misaligned defocused primary feeds. , 2014, , .		0
174	Cross-polarization reduction in a directive ultra-wideband antenna using electromagnetic polarization filter. , 2014, , .		0
175	Towards non dispersive, low cross polarization omnidirectional Ultra wideband antennas. , 2014, , .		0
176	Loss reduction of printed meanderline dipole antenna using laminated conductors. , 2014, , .		0
177	Ultra-wideband pattern diversity antenna with cavity. , 2014, , .		0
178	Some novel properties of asymmetric adaptive medium to large aperture antennas. , 2014, , .		0
179	Single-layer polarization-switchable frequency-band-fixed microstrip antenna using a single-switch. Microwave and Optical Technology Letters, 2014, 56, 1874-1879.	1.4	0
180	High gain planar antenna using TM_{13} mode of circular disc. , 2015, , .		0

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181	Suppressing higher order modes of cavity surrounded stacked microstrip antennas for prime focus reflectors. , 2015, , .		0
182	Parametric study and performance of compact dielectric loaded circular waveguide feeds. Microwave and Optical Technology Letters, 2015, 57, 1432-1438.	1.4	0
183	Investigation of circular waveguide reflector feeds loaded with shaped dielectric rods. Microwave and Optical Technology Letters, 2015, 57, 1568-1573.	1.4	0
184	Frequency bandwidth adjustment of dual-polarized four-arm Archimedean spiral antennas. , 2015, , .		0
185	Symmetrie wideband primary feed with polarization reconfigurability. , 2016, , .		0
186	8-Element sequentially-rotated array for cicular polarization applications. , 2016, , .		0
187	On use of focusing media for elimination of inverse problem ill-posedness in microwave tomography. , 2016, , .		0
188	A dual-polarized dual-mode annular ring microstrip antenna for GPS interference suppression. , 2017, , .		0
189	Towards the Implementation of a Dual-Frequency Dual-Polarization Stacked Patch Array. , 2018, , .		0
190	Design and Test of a Dual-Frequency Dual-Polarization Microstrip Patch Array Prototype. , 2018, , .		0
191	On the Number of Degrees of Freedom in Dual-Polarized GNSS Adaptive Arrays. , 2018, , .		0
192	Maxwellian Fields and Geometry, Field Behaviour Near Region Boundaries and Sharp Discontinuities â€“ a Review. , 2018, , .		0
193	Microstrip Patch Antennas, Overcoming Deficiencies and Realizing Unexpected Performances. , 2019, , .		0
194	Dual-polarized L-band Flat-wire Open Loop Antenna. , 2020, , .		0
195	Causality Condition in Electromagnetics and Negative Consequences of Ill-Posed Source Models. , 2020, , .		0
196	Antenna Miniaturization and Adaptive Aperture Antennas. , 2020, , .		0