

Lotfollah Shafai

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9216769/publications.pdf>

Version: 2024-02-01

196
papers

2,091
citations

279798

23
h-index

265206

42
g-index

199
all docs

199
docs citations

199
times ranked

1644
citing authors

#	ARTICLE	IF	CITATIONS
1	Excessive Aperture Efficiency of Compact Antennas Demonstrated by Waveguides and Small Horns. , 2021, , .		2
2	Frequency Scalability of Dual-polarized Flat-wire Open Loop Antennas. , 2021, , .		1
3	A Triangularly Packed Planar Array of Dual-polarized L-band Flat-wire Open Loop Antennas. , 2021, , .		1
4	A compact dual-band dual-mode antenna for GPS L1/L2 adaptive interference cancellation. Microwave and Optical Technology Letters, 2020, 62, 1230-1236.	1.4	1
5	Dual-polarized L-band Flat-wire Open Loop Antenna. , 2020, , .		0
6	Causality Condition in Electromagnetics and Negative Consequences of Ill-Posed Source Models. , 2020, , .		0
7	Slotted Microstrip Patch Antenna and its Influence on Wideband Planar Antenna Designs. , 2020, , .		2
8	Antenna Miniaturization and Adaptive Aperture Antennas. , 2020, , .		0
9	Microstrip Patch Antennas, Overcoming Deficiencies and Realizing Unexpected Performances. , 2019, , .		0
10	Split Ring Loaded Dual-polarized Dielectric Resonator Antennas. , 2019, , .		1
11	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
12	A Compact Microstrip Patch Antenna for Civilian GPS Interference Mitigation. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 381-384.	4.0	20
13	A <sc>CRPA</sc> array with dual-mode patch antenna elements for <sc>GPS</sc> applications. Microwave and Optical Technology Letters, 2018, 60, 1261-1265.	1.4	3
14	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
15	Towards the Implementation of a Dual-Frequency Dual-Polarization Stacked Patch Array. , 2018, , .		0
16	Effect of Element Pattern Symmetry on the Performance of Dual-Polarized GNSS Adaptive Antenna Arrays. , 2018, , .		1
17	Design and Test of a Dual-Frequency Dual-Polarization Microstrip Patch Array Prototype. , 2018, , .		0
18	On the Number of Degrees of Freedom in Dual-Polarized GNSS Adaptive Arrays. , 2018, , .		0

#	ARTICLE	IF	CITATIONS
19	A Pattern Diversity Antenna for Ambient RF Energy Harvesting in Multipath Environments. , 2018, , .		4
20	Maxwellian Fields and Geometry, Field Behaviour Near Region Boundaries and Sharp Discontinuities â€“ a Review. , 2018, , .		0
21	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
22	Miniaturized Transparent Metallodielectric Resonator Antennas Integrated With Amorphous Silicon Solar Cells. IEEE Transactions on Antennas and Propagation, 2017, 65, 2265-2275.	5.1	31
23	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
24	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
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	Compact Rear-Radiating Circularly Polarized Feeds for Front-Fed Reflector Antennas. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2449-2452.	4.0	3
27	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
28	A dual-polarized dual-mode annular ring microstrip antenna for GPS interference suppression. , 2017, , .		0
29	Split ring loaded dielectric resonator antenna. , 2017, , .		1
30	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
31	Ultrawideband monopulse antenna with application as a reflector feed. IET Microwaves, Antennas and Propagation, 2016, 10, 393-400.	1.4	11
32	Study of finite ground plane effects in circularly-polarized circular microstrip antennas. , 2016, , .		1
33	Symmetrie wideband primary feed with polarization reconfigurability. , 2016, , .		0
34	Gain and bandwidth enhancement of stacked H-shaped patch-open ring antenna. , 2016, , .		7
35	A miniaturized artificial magneto-dielectric resonator antenna with split ring resonators. , 2016, , .		8
36	8-Element sequentially-rotated array for cicular polarization applications. , 2016, , .		0

#	ARTICLE	IF	CITATIONS
37	GPS anti-jamming performance of multimode microstrip antennas. , 2016, , .		2
38	Resonance effects in antennas coated with material and metamaterials. , 2016, , .		1
39	On use of focusing media for elimination of inverse problem ill-posedness in microwave tomography. , 2016, , .		0
40	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
41	Compact Lightweight Polymeric-Metallic Resonator Antennas Using a New Radiating Mode. IEEE Transactions on Antennas and Propagation, 2016, 64, 16-24.	5.1	9
42	A Novel High-Gain Printed Antenna Configuration Based on TM_{12} Mode of Circular Disc. IEEE Transactions on Antennas and Propagation, 2016, 64, 790-796.	5.1	39
43	A High-Gain Single-Feed Dual-Mode Microstrip Disc Radiator. IEEE Transactions on Antennas and Propagation, 2016, 64, 2115-2126.	5.1	47
44	Printable Planar Dielectric Antennas. IEEE Transactions on Antennas and Propagation, 2016, 64, 403-413.	5.1	43
45	Compact Dual Circularly Polarized Primary Feeds for Symmetric Parabolic Reflector Antennas. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 922-925.	4.0	14
46	High gain planar antenna using TM_{13} mode of circular disc. , 2015, , .		0
47	Applications of trimode waveguide feeds in adaptive virtual array antennas. Radio Science, 2015, 50, 202-210.	1.6	1
48	A Directional Antenna in a Matching Liquid for Microwave Radar Imaging. International Journal of Antennas and Propagation, 2015, 2015, 1-8.	1.2	17
49	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
50	Beam squint correction in offset reflector antennas with circularly-polarized tapered primary feeds. , 2015, , .		1
51	Suppressing higher order modes of cavity surrounded stacked microstrip antennas for prime focus reflectors. , 2015, , .		0
52	Super-miniaturized dielectric-metallic resonator antennas. , 2015, , .		1
53	X-Band Tunable Frequency Selective Surface Using MEMS Capacitive Loads. IEEE Transactions on Antennas and Propagation, 2015, 63, 1014-1021.	5.1	71
54	Parametric study and performance of compact dielectric loaded circular waveguide feeds. Microwave and Optical Technology Letters, 2015, 57, 1432-1438.	1.4	0

#	ARTICLE	IF	CITATIONS
55	Investigation of circular waveguide reflector feeds loaded with shaped dielectric rods. Microwave and Optical Technology Letters, 2015, 57, 1568-1573.	1.4	0
56	Frequency bandwidth adjustment of dual-polarized four-arm Archimedean spiral antennas. , 2015, , .		0
57	High gain circular microstrip antennas using TM _{1m} modes. , 2015, , .		1
58	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
59	Printable Planar Dielectric Waveguides Based on High-Permittivity Films. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 2720-2729.	4.6	9
60	A novel ultra-wideband pattern diversity antenna for high-gain applications. , 2014, , .		2
61	Planar, self-complementary, and wideband antennas with polarization diversity. , 2014, , .		2
62	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
63	Electronically controlled phase center locations in electrically large aperture antennas with enhanced cross-talk properties. , 2014, , .		1
64	Efficiency improvement of small slotted annular ring antenna using laminated conductors. , 2014, , .		3
65	Slotted waveguide arrays for collecting near-field scattering data. , 2014, , .		0
66	Narrow film transmission lines and antennas. , 2014, , .		0
67	Open-ended waveguide antenna excitation with microstrip patch elements. , 2014, , .		1
68	Estimating focal points of offset reflector antennas with misaligned defocused primary feeds. , 2014, , .		0
69	Cross-polarization reduction in a directive ultra-wideband antenna using electromagnetic polarization filter. , 2014, , .		0
70	A Corrugated Printed Dipole Antenna With Equal Beamwidths. IEEE Transactions on Antennas and Propagation, 2014, 62, 1469-1474.	5.1	8
71	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
72	Towards non dispersive, low cross polarization omnidirectional Ultra wideband antennas. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
73	Parametric study of cavity backed spiral antennas. , 2014, , .		1
74	Photoresist-based dielectric resonator antenna fabrication and performance: A review. , 2014, , .		2
75	Towards a high gain, low profile directional ultra wideband antenna. , 2014, , .		2
76	Laminated small H-shaped microstrip patch antenna with improved efficiency. , 2014, , .		1
77	A fast and efficient permittivity estimation method for artificially engineered microwave materials. , 2014, , .		2
78	Wideband highly-efficient transparent/miniaturized antennas using clear colorless acrylic sheets for space/WLAN applications. , 2014, , .		1
79	Loss reduction of printed meanderline dipole antenna using laminated conductors. , 2014, , .		0
80	Ultra-wideband pattern diversity antenna with cavity. , 2014, , .		0
81	Some novel properties of asymmetric adaptive medium to large aperture antennas. , 2014, , .		0
82	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
83	Tall microstrip transmission lines for dielectric resonator antenna applications. IET Microwaves, Antennas and Propagation, 2014, 8, 112-124.	1.4	12
84	Cavity backed circularly polarized spiral antennas. , 2014, , .		3
85	A planar ultrawideband elliptical monopole antenna with reflector for breast microwave imaging. Microwave and Optical Technology Letters, 2014, 56, 808-813.	1.4	30
86	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
87	On the Matching of Microstrip-Fed Dielectric Resonator Antennas. IEEE Transactions on Antennas and Propagation, 2013, 61, 5291-5296.	5.1	28
88	An MST-based microwave tomography system using homodyne receiver. , 2013, , .		2
89	Enhancement of Gaussâ€“Newton Inversion Method for Biological Tissue Imaging. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 3424-3434.	4.6	64
90	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

#	ARTICLE	IF	CITATIONS
91	A Near-Field Dual Polarized (TEâTM) Microwave Imaging System. IEEE Transactions on Microwave Theory and Techniques, 2013, 61, 1376-1384.	4.6	59
92	Analysis of a 3D microwave imaging system. , 2013, , .		4
93	An overview of latest advancements in displaced phase centre antenna (DPCA) techniques. , 2013, , .		0
94	A double-ridged horn antenna design in canola oil for medical imaging. , 2013, , .		5
95	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
96	Investigation of the effect of reflect array element periodicity on aperture efficiency. , 2013, , .		0
97	An ultrawideband elliptical monopole antenna for breast microwave radar imaging. , 2013, , .		0
98	A physical interpretation of effective dielectric properties of slow-wave transmission lines in small antenna applications. , 2013, , .		1
99	Reduction of ohmic loss in planar circuits and antennas using laminated conductors. , 2013, , .		0
100	Fabrication of photoresist-based polymer resonator antennas using ultra-thick SU-8 based dry films. , 2013, , .		0
101	Study of stacked circular patch antennas with circular symmetric patterns as reflector feeds. , 2013, , .		0
102	A highly-efficient planar dielectric radiating structure. , 2013, , .		0
103	ANALYSIS OF A DOUBLE-LAYERED VIVALDI ANTENNA INSIDE A METALLIC ENCLOSURE. Progress in Electromagnetics Research, 2013, 143, 503-518.	4.4	5
104	A miniaturized engineered ground plane for low profile single-arm spiral antennas. , 2012, , .		0
105	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
106	Evaluation of a microwave tomography system for animal tissue imaging. , 2012, , .		1
107	Enhancement of near-field probing in a microwave tomography system. , 2012, , .		1
108	An analytical review of cross polarization reduction in offset reflector antennas. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
109	Comparison study of the performance of different UWB plate monopole antennas for communication applications. , 2012, , .		2
110	Effect of size reduction on the performance of UWB Vee dipole antennas. , 2012, , .		0
111	Compact Wideband Multimode Dielectric Resonator Antennas Fed With Parallel Standing Strips. IEEE Transactions on Antennas and Propagation, 2012, 60, 5021-5031.	5.1	48
112	Microwave tomography techniques and algorithms: A review. , 2012, , .		21
113	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
114	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
115	Parametric study of a water-filled double-ridged horn antenna for biomedical imaging application. , 2012, , .		1
116	Size reduction of a double-ridged horn antenna for a bistatic radar-based breast imaging system. , 2012, , .		1
117	A new low-loss and efficient excitation method for low-permittivity dielectric resonator antennas. , 2012, , .		0
118	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
119	An investigation on the transmission response of a miniaturized double-ridged horn antenna for radar-based imaging. , 2012, , .		3
120	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
121	Displacement of phase centre location of a tri-mode stacked circular microstrip patch antenna. , 2012, , .		0
122	Low-Cost, Microstrip-Fed Printed Dipole for Prime Focus Reflector Feed. IEEE Transactions on Antennas and Propagation, 2012, 60, 5428-5433.	5.1	15
123	A Novel Microwave Tomography System Based on the Scattering Probe Technique. IEEE Transactions on Instrumentation and Measurement, 2012, 61, 379-390.	4.7	46
124	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
125	Broadband rare radiating printed dipole antenna. , 2011, , .		2
126	A Multiplicative Regularized Gaussâ€“Newton Inversion for Shape and Location Reconstruction. IEEE Transactions on Antennas and Propagation, 2011, 59, 4790-4802.	5.1	42

#	ARTICLE	IF	CITATIONS
127	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
128	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
129	Filter-Antenna Module Using Substrate Integrated Waveguide Cavities. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 59-62.	4.0	83
130	Effect of feed phase errors on the crosspolarization of offset reflector antennas. Microwave and Optical Technology Letters, 2011, 53, 231-235.	1.4	4
131	An extremely low-profile offset-fed curl antenna over an AMC ground. Microwave and Optical Technology Letters, 2011, 53, 1036-1041.	1.4	5
132	Effect of air-gap on axial ratio of low profile spiral antenna. Microwave and Optical Technology Letters, 2011, 53, 2422-2423.	1.4	0
133	A Multiprobe-Per-Collector Modulated Scatterer Technique for Microwave Tomography. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1445-1448.	4.0	10
134	Development of an adaptive surface controlled by MEMS-bridges to transmit or reflect electromagnetic waves. , 2011, , .		1
135	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
136	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
137	A novel orthogonal linearly polarized directional antenna for ultra wideband applications. , 2010, , .		2
138	A Wideband Microwave Tomography System With a Novel Frequency Selection Procedure. IEEE Transactions on Biomedical Engineering, 2010, 57, 894-904.	4.2	121
139	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
140	Effects of finite ground plane and substrate permittivity on E- and H- plane Co-polarization patterns of the circular patch antenna. , 2010, , .		0
141	Effect of extending grounded substrate beyond AMC on the performance of spiral antennas. , 2010, , .		3
142	Phase center study of slotted circular waveguide feed. , 2010, , .		0
143	Circular patch antenna with nearly-equal E- and H-plane co-polarization patterns. , 2010, , .		0
144	Observation of two counter-intuitive behaviors in the antennas having EBG or HIS structure as the ground plane. , 2010, , .		0

#	ARTICLE	IF	CITATIONS
145	Low profile offset-fed single arm spiral antenna over an AMC ground plane. , 2010, , .		1
146	On the design of high-gain resonant cavity antennas using different highly-reflective frequency selective surfaces as the superstrates. , 2010, , .		3
147	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
148	Electromagnetic scattering by periodic conducting strip grating on grounded dielectric slab: Study of the angular and polarization dependence in different incident planes. , 2010, , .		2
149	Reflect-array study with shorted slotted ground plane using microstrip patches or rings as cell elements. , 2010, , .		0
150	Comparison of two different simulation methods for the design of reflect-arrays. , 2010, , .		2
151	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
152	Improvements in the performance of compact microstrip antennas using AMC ground planes. , 2010, , .		4
153	Study of the microstrip patch or ring as a cell element for a transmit-array with slotted ground plane. , 2010, , .		0
154	E-plane slotted circular waveguide feed with a single choke. , 2010, , .		0
155	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
156	Ohmic loss reduction and gain enhancement of microstrip antennas using laminated conductors. , 2009, , .		3
157	Performance of small primary feeds with E- and H-plane slots. , 2009, , .		2
158	A sual-arm Archimedean spiral antenna over a low-profile artificial magnetic conductor ground plane. , 2009, , .		0
159	Loaded annular ring antennas for multi-frequency operation. , 2009, , .		0
160	Electromagnetically-coupled multiple square rings for multi-frequency operation. Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , .	0.0	4
161	Modeling, simulation, design and fabrication of a high-gain cavity resonance antenna having a highly-reflective patch-type FSS superstrate. , 2009, , .		2
162	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

#	ARTICLE	IF	CITATIONS
163	Parametric study of EBG bandwidth for grounded square patch arrays by dispersion analysis. , 2009, , .		1
164	Source exciation effects on power radiation from material and metamaterial resonances. , 2009, , .		1
165	Control of phase centre location in circular microstrip antennas operating at TM11 and TM02 modes. Microwave and Optical Technology Letters, 2009, 51, 166-169.	1.4	1
166	Performance enhancement of the compact microstrip antennas using AMC ground planes. Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , .	0.0	7
167	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
168	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
169	A parametric study using ansoft HFSS and ansoft designer on the effect of aperture diameter on the transmission properties of its array. , 2009, , .		2
170	Parametric study of Vivaldi antenna. , 2009, , .		2
171	A modified double layer Tapered Slot Antenna with improved cross polarization. , 2009, , .		12
172	Polarization Characteristics of Multiband Loaded Microstrip Annular Ring Antennas. IEEE Transactions on Antennas and Propagation, 2009, 57, 2788-2793.	5.1	14
173	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
174	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
175	Development of an adaptive surface using electromagnetically coupled patches. Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , .	0.0	2
176	Displacement of phase center location in circular microstrip antennas. Microwave and Optical Technology Letters, 2008, 50, 2531-2535.	1.4	3
177	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
178	Preface to special section on 2007 International Ottawa Symposium on Electromagnetic Theory. Radio Science, 2008, 43, n/a-n/a.	1.6	0
179	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
180	Parametric studies of high impedance AMC surfaces realized by periodic array of arbitrarily shaped metallizations printed over grounded dielectric substrates. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
181	Investigation on the phase centre of ultra wideband circular monopole antennas. , 2008, , .		2
182	Microstrip square-ring antenna with capacitive feeding for multi-frequency operation. , 2008, , .		6
183	Investigation of dielectric sheath and periodic microstrip patch array as matching layers over waveguide arrays. , 2008, , .		0
184	Investigation into Polarization of Unloaded and Loaded Microstrip Square-Ring Antennas. IEEE Transactions on Antennas and Propagation, 2008, 56, 3129-3135.	5.1	11
185	Permittivity measurement of annular dielectric samples using a quadratic curve fitting technique. , 2008, , .		0
186	Parametric characterization of parabolic reflector antennas fed by focal plane arrays. , 2008, , .		0
187	Investigations of a novel $\hat{\Gamma}$ -shape microstrip patch antenna with wide impedance bandwidth. , 2007, , .		10
188	Enhancement of microstrip antenna directivity using double-superstrate configurations. Canadian Journal of Electrical and Computer Engineering, 2007, 32, 77-82.	2.0	19
189	An Ultra Wideband (UWB) Mixer with 0.18UM RF CMOS Technology. , 2006, , .		11
190	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
191	Artificial magnetic conductor using split ring resonators and its applications to antennas. Microwave and Optical Technology Letters, 2006, 48, 329-334.	1.4	20
192	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
193	Investigation on probe-fed open-ring microstrip antenna for miniaturization. Microwave and Optical Technology Letters, 2006, 48, 2175-2179.	1.4	3
194	The effects of conductor and dielectric back planes on the performance of finite rectangular microstrip antennas. , 2005, , .		0
195	The properties of microstrip patch antennas with EBG substrates within the lower frequency band outside the bandgaps. , 2005, , .		0
196	Effects of reflector size and spacing on microstrip slot antenna performance. , 2004, , .		1