

# George Goussetis

## List of Publications by Year in descending order

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164  
papers

3,865  
citations

159585

30  
h-index

144013

57  
g-index

167  
all docs

167  
docs citations

167  
times ranked

3020  
citing authors

#	ARTICLE	IF	CITATIONS
1	A Methodology for Remote Microwave Sterilization Applicable to the Coronavirus and Other Pathogens Using Retrodirective Antenna Arrays. IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology, 2022, 6, 41-51.	3.4	5
2	Highly Efficient Broadband Pyramidal Horn Antenna With Integrated H-Plane Power Division. IEEE Transactions on Antennas and Propagation, 2022, 70, 1499-1504.	5.1	3
3	Optimal Power Splitting of Wireless Information and Power Transmission Using a Novel Dual-Channel Rectenna. IEEE Transactions on Antennas and Propagation, 2022, 70, 1846-1856.	5.1	14
4	An Atmospheric Data-Driven Q-Band Satellite Channel Model With Feature Selection. IEEE Transactions on Antennas and Propagation, 2022, 70, 4002-4013.	5.1	8
5	Advances in Wirelessly Powered Backscatter Communications: From Antenna/RF Circuitry Design to Printed Flexible Electronics. Proceedings of the IEEE, 2022, 110, 171-192.	21.3	41
6	Quad-Furcated Profiled Horn: The Next Generation Highly Efficient GEO Antenna in Additive Manufacturing. IEEE Open Journal of Antennas and Propagation, 2022, 3, 69-82.	3.7	12
7	Closed-Form Power Normalization Methods for a Satellite MIMO System. Sensors, 2022, 22, 2586.	3.8	0
8	Joint Digital Analogue DVB-S2(X) Link Optimization in Non-Linear Channel. IEEE Access, 2022, 10, 40794-40805.	4.2	2
9	Parallel-Plate Lens Beamformer in Multilayer PCB Technology for Wide-Angle Scanning. , 2022, , .		0
10	Inverse Design of a Dual-Band Reflective Polarizing Surface Using Generative Machine Learning. , 2022, , .		4
11	GENERALIZED DESIGN METHODOLOGY OF HIGHLY EFFICIENT QUAD-FURCATED PROFILED HORNS WITH LARGER APERTURES. Progress in Electromagnetics Research M, 2022, 111, 1-12.	0.9	0
12	Sectorized FMCW MIMO Radar by Modular Design With Non-Uniform Sparse Arrays. IEEE Journal of Microwaves, 2022, 2, 442-460.	6.5	5
13	The New Era of Long-Range "Zero-Interception" Ambient Backscattering Systems: 130 m with 130 nA Front-End Consumption. Sensors, 2022, 22, 4151.	3.8	2
14	Satellite Communications in the New Space Era: A Survey and Future Challenges. IEEE Communications Surveys and Tutorials, 2021, 23, 70-109.	39.4	447
15	On the Use of the Angle of Incidence in Support Vector Regression Surrogate Models for Practical Reflectarray Design. IEEE Transactions on Antennas and Propagation, 2021, 69, 1787-1792.	5.1	13
16	Shaped Parallel-Plate Lens for Mechanical Wide-Angle Beam Steering. IEEE Transactions on Antennas and Propagation, 2021, 69, 8158-8169.	5.1	27
17	Backscatter Communications. IEEE Journal of Microwaves, 2021, 1, 864-878.	6.5	12
18	Compact Leaky-Wave SIW Antenna With Broadside Radiation and Dual-Band Operation for CubeSats. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2125-2129.	4.0	4

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19	FMCW Radar With Enhanced Resolution and Processing Time by Beam Switching. IEEE Open Journal of Antennas and Propagation, 2021, 2, 882-896.	3.7	8
20	Efficient Estimation of Antenna System Performance for Multibeam Very High Throughput Satellites. , 2021, , .		5
21	Power Amplifier enabled RF Fingerprint Identification. , 2021, , .		3
22	A system approach to enable digital beamforming with direct radiating arrays: The joint use of precoding and sparse arrays. International Journal of Satellite Communications and Networking, 2021, 39, 645-660.	1.8	4
23	Angularly Stable Linear-to-Circular Polarizing Reflectors for Multiple Beam Antennas. IEEE Transactions on Antennas and Propagation, 2021, 69, 4380-4389.	5.1	18
24	Evaluation of Array Fed Reflector Architectures for Broadband Satellite Missions. , 2021, , .		2
25	Frequency Adjustable Narrow- and Moderate Bandwidth Filters with Wide Tuning Range. , 2021, , .		0
26	Wideband Low-Profile Patch Antennas Using High-Dielectric Fluids and Hybrid Metal Structure. , 2021, , .		0
27	3D Non-Stationary Wideband Tunnel Channel Models for 5G High-Speed Train Wireless Communications. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 259-272.	8.0	36
28	Circularly Polarized Retrodirective Antenna Array for Wireless Power Transmission. IEEE Transactions on Antennas and Propagation, 2020, 68, 2743-2752.	5.1	26
29	Dual-Polarized Aperture-Coupled Patch Antennas With Application to Retrodirective and Monopulse Arrays. IEEE Access, 2020, 8, 7549-7557.	4.2	9
30	Broadband Reflectarray With High Polarization Purity for 4K and 8K UHD TV DVB-S2. IEEE Access, 2020, 8, 100712-100720.	4.2	8
31	Adaptive Mode Selection and Power Allocation for D2D Underlay Cellular Networks with Dynamic Fading Channel. , 2020, , .		2
32	Harmonic Suppression in Frequency Shifted Backscatter Communications. IEEE Open Journal of the Communications Society, 2020, 1, 990-999.	6.9	9
33	A Compact and Broadband Four-Way Dual Polarization Waveguide Power Divider for Antenna Arrays. , 2020, , .		6
34	A Novel Atmosphere-Informed Data-Driven Predictive Channel Modeling for B5G/6G Satellite-Terrestrial Wireless Communication Systems at Q-Band. IEEE Transactions on Vehicular Technology, 2020, 69, 14225-14237.	6.3	20
35	Efficient Rectifier for Wireless Power Transmission Systems. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 1921-1932.	4.6	33
36	Validation of a Digital Noise Power Integration Technique for Radiometric Clear Sky Attenuation Estimation at Q-Band. IEEE Transactions on Antennas and Propagation, 2020, 68, 6743-6751.	5.1	3

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37	Parallel-Plate Waveguide Lens for Mechanical Beam Scanning Using Gap Waveguide Feed System. , 2020, , .		3
38	Physical Limitation of Range-Domain Secrecy Using Frequency Diverse Arrays. IEEE Access, 2020, 8, 63302-63309.	4.2	11
39	Contoured-Beam Dual-Band Dual-Linear Polarized Reflectarray Design Using a Multiobjective Multistage Optimization. IEEE Transactions on Antennas and Propagation, 2020, 68, 7682-7687.	5.1	26
40	Broadband graded index Gutman lens with a wide field of view utilizing artificial dielectrics: a design methodology. Optics Express, 2020, 28, 14648.	3.4	37
41	Wirelessâ€powered CRâ€IoT with ambient backscattering: a new transmission mode. IET Communications, 2020, 14, 4069-4074.	2.2	0
42	Enabling Multicarrier Backscattering Communications. , 2020, , .		5
43	Wideband Shaped-Beam Reflectarray Design Using Support Vector Regression Analysis. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2287-2291.	4.0	27
44	Cross-Polarization Reduction of Linear-to-Circular Polarizing Reflective Surfaces. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1527-1531.	4.0	14
45	Novel Data Pre-Distorter for APSK Signals in Solid-State Power Amplifiers. IEEE Transactions on Circuits and Systems I: Regular Papers, 2019, 66, 4044-4054.	5.4	5
46	Low Cost Ambient Backscatter for Agricultural Applications. , 2019, , .		7
47	NFC Hybrid Harvester for Battery-free Agricultural Sensor Nodes. , 2019, , .		6
48	Channel Modeling for Satellite Communication Channels at Q-Band in High Latitude. IEEE Access, 2019, 7, 137691-137703.	4.2	21
49	IQ Impedance Modulator Front-End for Low-Power LoRa Backscattering Devices. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 5307-5314.	4.6	22
50	Prediction of Channel Excess Attenuation for Satellite Communication Systems at <i>Q</i>-Band Using Artificial Neural Network. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 2235-2239.	4.0	18
51	Chirp Based Backscatter Modulation. , 2019, , .		6
52	A Rectifier Circuit Insensitive to the Angle of Incidence of Incoming Waves Based on a Wilkinson Power Combiner. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 3210-3218.	4.6	20
53	Assessment of spatial and temporal properties of <sc>Ka/Q</sc> band earthâ€space radio channel across Europe using <sc>Alphasat Aldo Paraboni</sc> payload. International Journal of Satellite Communications and Networking, 2019, 37, 477-501.	1.8	18
54	Compact Leaky SIW Feeder Offering TEM Parallel Plate Waveguide Launching. IEEE Access, 2019, 7, 13373-13382.	4.2	9

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55	Antenna Array Driven by Non-Isolated Power Amplifiers for MIMO Applications. , 2019, , .		4
56	Helical resonator filters with improved multipactor performance exploiting rigorous modelling and the large gap approach. IET Microwaves, Antennas and Propagation, 2019, 13, 1756-1759.	1.4	0
57	The Future of Backscatter in Precision Agriculture. , 2019, , .		7
58	Support Vector Regression to Accelerate Design and Crosspolar Optimization of Shaped-Beam Reflectarray Antennas for Space Applications. IEEE Transactions on Antennas and Propagation, 2019, 67, 1659-1668.	5.1	69
59	Adaptive Sensing Schedule for Dynamic Spectrum Sharing in Time-Varying Channel. IEEE Transactions on Vehicular Technology, 2018, 67, 5520-5524.	6.3	11
60	Four-PAM Modulation of Ambient FM Backscattering for Spectrally Efficient Low-Power Applications. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 5909-5921.	4.6	32
61	Asymmetrical Impedance Inverter for Quasi-Optical Bandpass Filters With Transmission Lines of Fixed Length. IEEE Transactions on Microwave Theory and Techniques, 2018, , 1-9.	4.6	0
62	General Framework for the Efficient Optimization of Reflectarray Antennas for Contoured Beam Space Applications. IEEE Access, 2018, 6, 72295-72310.	4.2	23
63	A 2.4 GHz Rectifier Insensitive to the Angle of Incidence of Incoming Waves. , 2018, , .		1
64	Spectrally Efficient 4-PAM Ambient FM Backscattering for Wireless Sensing and RFID Applications. , 2018, , .		8
65	Wireless channel parameter estimation algorithms: Recent advances and future challenges. China Communications, 2018, 15, 211-228.	3.2	15
66	A uW Backscatter-Morse-Leaf Sensor for Low-Power Agricultural Wireless Sensor Networks. IEEE Sensors Journal, 2018, 18, 7889-7898.	4.7	96
67	Coupling Substrate-Integrated Waveguides to Increase the Gain Bandwidth of Leaky-Wave Antennas. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 3099-3109.	4.6	18
68	Predicting Wireless MmWave Massive MIMO Channel Characteristics Using Machine Learning Algorithms. Wireless Communications and Mobile Computing, 2018, 2018, 1-12.	1.2	43
69	Dual-Band Bandpass Double Ground Plane Coaxial Resonators and Filters. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 3828-3835.	4.6	15
70	Low-Profile Compact Dual-Band Unit Cell for Polarizing Surfaces Operating in Orthogonal Polarizations. IEEE Transactions on Antennas and Propagation, 2017, 65, 1472-1477.	5.1	42
71	A Compact 12-Way Slotted Waveguide Power Combiner for Ka-Band Applications. IEEE Microwave and Wireless Components Letters, 2017, 27, 135-137.	3.2	9
72	Ultra-fast reconfigurable antennas with phase change materials. , 2017, , .		6

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73	Retrodirective antenna array for circularly polarized wireless power transmission. , 2017, , .		12
74	Ambient Backscatterers Using FM Broadcasting for Low Cost and Low Power Wireless Applications. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 5251-5262.	4.6	61
75	A TM<math>\infty</math> surface wave launcher by microstrip and substrate integrated waveguide technology. , 2017, , .		0
76	Circularly polarised multiple beam antenna for satellite applications. , 2017, , .		3
77	Coupled Split-Ring Resonator Circular Polarization Selective Surface. IEEE Transactions on Antennas and Propagation, 2017, 65, 4664-4675.	5.1	22
78	Integration of resistive heaters for phase-change reconfigurable antennas. , 2017, , .		1
79	Multifunctional Angular Bandpass Filter SIW Leaky-Wave Antenna. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 936-939.	4.0	22
80	An efficient rectifier for an RDA wireless power transmission system operating at 2.4 GHz. , 2017, , .		9
81	An active retrodirective antenna element for circularly polarized wireless power transmission. , 2016, , .		7
82	Helical resonator with modulated radius for improved multipactor threshold: Numerical and experimental results. , 2016, , .		3
83	Transmission zero realization in E-plane filters by means of I/O resonator tapping. , 2016, , .		6
84	Electronically-reconfigurable parallel-plate wave launchers based on corrugated substrate integrated leaky waveguides with tunable components. , 2016, , .		0
85	Experimental Validation of All-Dielectric mm-Wave Polarization Conversion Based on Form Birefringence. IEEE Microwave and Wireless Components Letters, 2016, 26, 759-761.	3.2	7
86	Smart cable for Radio Frequency Identification in aeronautical applications. , 2016, , .		2
87	Effects of hyperthermia as a mitigation strategy in DNA damage-based cancer therapies. Seminars in Cancer Biology, 2016, 37-38, 96-105.	9.6	51
88	Design considerations for frequency scanning transmit antennas in wireless power transmission applications. , 2015, , .		0
89	Study of coupled split-ring resonator arrays for circular polarization selective surface. , 2015, , .		6
90	A simple parallel-plate wave launcher in substrate integrated waveguide technology. , 2015, , .		3

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91	1-to-4 double-side slotted waveguide power divider/combiner for Ka-band power amplifiers. , 2015, , .		1
92	Efficient Synthesis of Low-Profile Angularly-Stable and Polarization-Independent Frequency-Selective Absorbers With a Reflection Band. IEEE Transactions on Antennas and Propagation, 2015, 63, 621-629.	5.1	22
93	Linear-to-Circular Polarization Reflector With Transmission Band. IEEE Transactions on Antennas and Propagation, 2015, 63, 1949-1956.	5.1	44
94	Simple Broadband Quasi-Optical Spatial Multiplexer in Substrate Integrated Technology. IEEE Transactions on Microwave Theory and Techniques, 2015, 63, 1609-1620.	4.6	10
95	Pencil beam radiation pattern from a single-layer substrate-integrated waveguide leaky-wave antenna with simple feeding. IET Microwaves, Antennas and Propagation, 2015, 9, 24-30.	1.4	5
96	Microwave power transmission by electromagnetic surface wave propagation for wireless power distribution. , 2015, , .		3
97	Circular Polarization Frequency Selective Surface Operating in Ku and Ka Band. IEEE Transactions on Antennas and Propagation, 2015, 63, 5194-5197.	5.1	21
98	Quality factor of helical coaxial cavity resonators with modulated radius. , 2014, , .		1
99	Time-delay reflector for time-domain pulse splitting. , 2014, , .		0
100	Design Method for Circularly Polarized Fabry-Perot Cavity Antennas. IEEE Transactions on Antennas and Propagation, 2014, 62, 19-26.	5.1	112
101	Low Noise Amplifier With Integrated Balanced Antenna for 60 GHz Wireless Communications. IEEE Transactions on Antennas and Propagation, 2014, 62, 3407-3411.	5.1	13
102	Integration of microfluidic channels with frequency selective surfaces for sensing and tuning. , 2014, , .		2
103	Bandwidth Enhancement of 2-D Leaky-Wave Antennas With Double-Layer Periodic Surfaces. IEEE Transactions on Antennas and Propagation, 2014, 62, 586-593.	5.1	63
104	Conformal Tapered Substrate Integrated Waveguide Leaky-Wave Antenna. IEEE Transactions on Antennas and Propagation, 2014, 62, 5983-5991.	5.1	35
105	Applying Band-Pass Filter Techniques to the Design of Small-Aperture Evanescent-Mode Waveguide Antennas. IEEE Transactions on Antennas and Propagation, 2013, 61, 134-142.	5.1	15
106	W-Band Planar Wide-Angle Scanning Antenna Architecture. Journal of Infrared, Millimeter, and Terahertz Waves, 2013, 34, 127-139.	2.2	21
107	Holographic Pattern Synthesis With Modulated Substrate Integrated Waveguide Line-Source Leaky-Wave Antennas. IEEE Transactions on Antennas and Propagation, 2013, 61, 3466-3474.	5.1	91
108	Small aperture evanescent-mode waveguide antenna matched using distributed coupled resonators. Electronics Letters, 2013, 49, 580-582.	1.0	2

#	ARTICLE	IF	CITATIONS
109	Modulated leaky waves to mold the radiation from substrate integrated waveguide antennas. , 2013, , .		0
110	Flexible pattern synthesis with SIW LWAs. , 2012, , .		2
111	Encapsulation of Microelectronic Components Using Open-Ended Microwave Oven. IEEE Transactions on Components, Packaging and Manufacturing Technology, 2012, 2, 799-806.	2.5	10
112	Millimeter-Wave Printed Circuit Board Characterization Using Substrate Integrated Waveguide Resonators. IEEE Transactions on Microwave Theory and Techniques, 2012, 60, 3300-3308.	4.6	33
113	Anisotropic Impedance Surfaces for Linear to Circular Polarization Conversion. IEEE Transactions on Antennas and Propagation, 2012, 60, 212-219.	5.1	134
114	A Simple Technique for the Dispersion Analysis of Fabry-Perot Cavity Leaky-Wave Antennas. IEEE Transactions on Antennas and Propagation, 2012, 60, 803-810.	5.1	9
115	Conformal tapered microstrip leaky-wave antennas. , 2012, , .		3
116	Efficient Synthesis of 1-D Fabry-Perot Antennas With Low Sidelobe Levels. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 869-872.	4.0	29
117	Planar Leaky-Wave Antenna With Flexible Control of the Complex Propagation Constant. IEEE Transactions on Antennas and Propagation, 2012, 60, 1625-1630.	5.1	118
118	Broadside radiation from radial arrays of substrate integrated leaky-wave antennas. , 2012, , .		14
119	Electrical characterisation of liquid crystals at millimetre wavelengths using frequency selective surfaces. Electronics Letters, 2012, 48, 611.	1.0	36
120	Reconfigurable beam forming using phase-aligned Rotman lens. IET Microwaves, Antennas and Propagation, 2012, 6, 326.	1.4	12
121	Microstrip half-mode leaky-wave antenna operating at 94 GHz. , 2011, , .		2
122	Inline Interdigital Pseudo-Elliptic Helical Resonator Filters. IEEE Microwave and Wireless Components Letters, 2011, 21, 400-402.	3.2	14
123	1D-Leaky Wave Antenna Employing Parallel-Plate Waveguide Loaded With PRS and HIS. IEEE Transactions on Antennas and Propagation, 2011, 59, 3687-3694.	5.1	42
124	Enhancing Frequency-Scanning Response of Leaky-Wave Antennas Using High-Impedance Surfaces. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 7-10.	4.0	42
125	Frequency Steerable Two Dimensional Focusing Using Rectilinear Leaky-Wave Lenses. IEEE Transactions on Antennas and Propagation, 2011, 59, 407-415.	5.1	59
126	Power Stored and Quality Factors in Frequency Selective Surfaces at THz Frequencies. IEEE Transactions on Antennas and Propagation, 2011, 59, 2205-2216.	5.1	13



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127	Sub-Wavelength Profile 2-D Leaky-Wave Antennas With Two Periodic Layers. IEEE Transactions on Antennas and Propagation, 2011, 59, 416-424.	5.1	38
128	Design of a Salisbury screen absorber using frequency selective surfaces to improve bandwidth and angular stability performance. IET Microwaves, Antennas and Propagation, 2011, 5, 149.	1.4	63
129	Quality factor of E-plane periodically loaded waveguide resonators and filter applications. IET Microwaves, Antennas and Propagation, 2011, 5, 818.	1.4	6
130	Mm-wave low-profile reflection polarizer. , 2011, , .		1
131	Perturbed frequency selective surfaces for multiband high impedance surfaces. IET Microwaves, Antennas and Propagation, 2010, 4, 1105.	1.4	18
132	Corrections to "Simple and Accurate Analytical Model of Planar Grids and High-Impedance Surfaces Comprising Metal Strips or Patches" [Jun 08 1624-1632]. IEEE Transactions on Antennas and Propagation, 2010, 58, 2162-2162.	5.1	7
133	Artificial Impedance Surfaces for Reduced Dispersion in Antenna Feeding Systems. IEEE Transactions on Antennas and Propagation, 2010, 58, 3629-3636.	5.1	9
134	Experimental realisation of electromagnetic metamaterials. Journal of Modern Optics, 2010, 57, 1-16.	1.3	14
135	A Modified Pole-Zero Technique for the Synthesis of Waveguide Leaky-Wave Antennas Loaded With Dipole-Based FSS. IEEE Transactions on Antennas and Propagation, 2010, 58, 1971-1979.	5.1	21
136	Helical Resonator Filters With Improved Power Handling Capabilities for Space Applications. IEEE Microwave and Wireless Components Letters, 2010, 20, 598-600.	3.2	17
137	Resonant Effects and Near-Field Enhancement in Perturbed Arrays of Metal Dipoles. IEEE Transactions on Antennas and Propagation, 2010, 58, 2523-2530.	5.1	13
138	Perturbed frequency-selective surfaces fabricated on large thin polymer membranes for multiband infrared applications. Journal of Vacuum Science & Technology B, 2009, 27, 3169.	1.3	2
139	Leaky-mode dispersion analysis in parallel-plate waveguides loaded with FSS and AMC with application to 1D leaky-wave antennas. Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , .	0.0	1
140	Subwavelength resolution for horizontal and vertical polarization by coupled arrays of oblate nanoellipsoids. Optics Letters, 2009, 34, 2333.	3.3	12
141	Simple and Accurate Analytical Model of Planar Grids and High-Impedance Surfaces Comprising Metal Strips or Patches. IEEE Transactions on Antennas and Propagation, 2008, 56, 1624-1632.	5.1	666
142	Simple and accurate transverse equivalent network to model radiation from hybrid leaky-wave antennas with control of the polarization. , 2008, , .		1
143	Open-ended microwave oven for flip-chip assembly. IET Microwaves, Antennas and Propagation, 2008, 2, 53-58.	1.4	10
144	Optimization of an Open-Ended Microwave Oven for Microelectronics Packaging. IEEE Transactions on Microwave Theory and Techniques, 2008, 56, 2635-2641.	4.6	10

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145	Polymer Curing within an Optimised Open-Ended Microwave Oven. , 2008, , .		0
146	Correction of Dielectric Losses in Practical Leaky-wave Antenna Designs. Journal of Electromagnetic Waves and Applications, 2007, 21, 1025-1036.	1.6	11
147	Dispersion Characteristics of a Perturbed EBG Waveguide with Periodic Resonant Loads. , 2007, , .		0
148	Simple control of the polarisation in uniform hybrid waveguide-planar leaky-wave antennas. IET Microwaves, Antennas and Propagation, 2007, 1, 911.	1.4	5
149	Novel and simple technique to control the polarization in stub-loaded leaky-wave antennas. , 2007, , .		2
150	Periodic FDTD Analysis of a 2-D Leaky-Wave Planar Antenna Based on Dipole Frequency Selective Surfaces. IEEE Transactions on Antennas and Propagation, 2007, 55, 2006-2012.	5.1	23
151	Higher order modes of the Ridged Coaxial Waveguide. , 2006, , .		5
152	Control of Leaky-Mode Propagation and Radiation Properties in Hybrid Dielectric-Waveguide Printed-Circuit Technology: Experimental Results. IEEE Transactions on Antennas and Propagation, 2006, 54, 3383-3390.	5.1	39
153	Efficient Analysis, Design, and Filter Applications of EBG Waveguide With Periodic Resonant Loads. IEEE Transactions on Microwave Theory and Techniques, 2006, 54, 3885-3892.	4.6	25
154	Compact ridge waveguide filter with parallel and series-coupled resonators. Microwave and Optical Technology Letters, 2005, 45, 22-23.	1.4	4
155	Efficient modeling of novel uniplanar left-handed metamaterials. IEEE Transactions on Microwave Theory and Techniques, 2005, 53, 1462-1468.	4.6	32
156	Uniplanar left-handed artificial metamaterials. Journal of Optics, 2005, 7, S44-S50.	1.5	15
157	Low-profile resonant cavity antenna with artificial magnetic conductor ground plane. Electronics Letters, 2004, 40, 405.	1.0	52
158	Compact ridged-waveguide bandpass filters and diplexers. Microwave and Optical Technology Letters, 2004, 41, 465-467.	1.4	3
159	Novel periodically loaded ridged waveguide resonators. Microwave and Optical Technology Letters, 2003, 37, 266-268.	1.4	1
160	Novel periodically loaded E-plane filters. IEEE Microwave and Wireless Components Letters, 2003, 13, 193-195.	3.2	22
161	Design of asymmetrical rf and microwave bandpass filters by computer optimization. IEEE Transactions on Microwave Theory and Techniques, 2003, 51, 1174-1178.	4.6	18
162	Novel periodically loaded multilayer resonators. Microwave and Optical Technology Letters, 2002, 35, 374-375.	1.4	1

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163	Upper and lower bounds of 180° unit element of a ridge waveguide: Calculations and measurements. Microwave and Optical Technology Letters, 2001, 31, 260-261.	1.4	3
164	Review of antenna technologies for very high frequency Data Exchange Systems. International Journal of Satellite Communications and Networking, 0, , .	1.8	1