

# Kwok Wa Leung

## List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

190 papers	3,944 citations	36 h-index	52 g-index
217 ext. papers	5,163 ext. citations	3.6 avg, IF	6.15 L-index

#	Paper	IF	Citations
190	3-D-Printed Wideband High-Efficiency Dual-Frequency Antenna for Vehicular Communications. <i>IEEE Transactions on Vehicular Technology</i> , <b>2022</b> , 1-1	6.8	2
189	Mode Recognition of Rectangular Dielectric Resonator Antenna Using Artificial Neural Network. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2022</b> , 1-1	4.9	1
188	Compact Wideband Circularly Polarized Dielectric Resonator Antenna with Dielectric Vias. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2022</b> , 1-1	3.8	1
187	Dielectric Decoupler for Compact MIMO Antenna Systems. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2022</b> , 1-1	4.9	1
186	Compact Dual Microwave/Millimeter-Wave Planar Shared-Aperture Antenna for Vehicle-to-Vehicle/5G Communications. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 5071-5076	6.8	8
185	Design of Dielectric Resonator Antenna Using Dielectric Paste. <i>Sensors</i> , <b>2021</b> , 21,	3.8	1
184	Frequency Reconfigurable Filtering Dielectric Resonator Antenna With Harmonics Suppression. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 69, 3224-3233	4.9	10
183	A Wireless Power Transmitter With Uniform Power Transfer Coverage. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 68, 10709-10717	8.9	3
182	3-D-Printed Circularly Polarized Twisted-Ridge Horn Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 69, 1746-1750	4.9	3
181	Compact Dual-Frequency Antenna Array With Large Frequency Ratio. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 69, 2031-2040	4.9	8
180	Compact Wideband Low-Profile Single-and Dual-Polarized Dielectric Resonator Antennas Using Dielectric and Air Vias. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 1-1	4.9	4
179	An Ultra-Wideband High-Efficiency Rectifier based on Harmonic Feedback Topology. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 1-1	8.9	3
178	Wideband Horizontally Polarized Omnidirectional Cylindrical Dielectric Resonator Antenna for Polarization-Reconfigurable Design. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 1-1	4.9	6
177	A Space-Mapping-Based Optimal EM Design of RCS Reduction for Electrically Large Targets. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 1-1	4.9	2
176	A Self-Matched Multi-Band Rectifier for Efficient Electromagnetic Energy Harvesting. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2021</b> , 1-10	3.9	0
175	Design of Wide Scanning Sparse Planar Array Using Both Matrix-Pencil and Space-Mapping Methods. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2021</b> , 20, 140-144	3.8	6
174	Design of Substrate-Integrated Dielectric Resonator Antenna With Dielectric Vias. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 69, 5205-5214	4.9	5

173	Electrically Small, Planar, Horizontally Polarized Dual-Band Omnidirectional Antenna and Its Application in a MIMO System. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 69, 5345-5355	4.9	3
172	An Electrically Controlled Pattern- and Polarization-Reconfigurable Cylindrical Dielectric Resonator Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2021</b> , 1-1	3.8	3
171	Orbital angular momentum radiator multiplexing electromagnetic waves in free space. <i>Optics Express</i> , <b>2020</b> , 28, 345-359	3.3	4
170	Compact Cylindrical Pattern-Diversity Dielectric Resonator Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2020</b> , 19, 19-23	3.8	16
169	. <i>IEEE Access</i> , <b>2020</b> , 8, 142892-142899	3.5	4
168	Compact Absorptive Filtering Patch Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2020</b> , 68, 633-642	4.9	32
167	Size Reduction of Omnidirectional Cylindrical Dielectric Resonator Antenna Using a Magnetic Aperture Source. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2020</b> , 68, 3248-3253	4.9	13
166	Wideband Circularly Polarized Substrate-Integrated Embedded Dielectric Resonator Antenna for Millimeter-Wave Applications. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2020</b> , 68, 1145-1150	4.9	30
165	On the Circularly Polarized Parallel-Plate Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2020</b> , 68, 3-12	4.9	5
164	Active Integrated Dielectric Resonator Antenna-in-Package Design. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2019</b> , 18, 2414-2418	3.8	3
163	Miniature Dual-Band Meander-Line Monopole Chip Antenna With Independent Band Control. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2019</b> , 18, 1873-1877	3.8	4
162	3-D-Printed Wideband Multi-Ring Dielectric Resonator Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2019</b> , 18, 2110-2114	3.8	24
161	Study of Resonant Modes in Rectangular Dielectric Resonator Antenna Based on Radar Cross Section. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2019</b> , 67, 4200-4205	4.9	7
160	Linearly and Circularly Polarized Filtering Dielectric Resonator Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2019</b> , 67, 3629-3640	4.9	30
159	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2019</b> , 67, 4524-4533	4.1	16
158	Pattern-Diversity Cylindrical Dielectric Resonator Antenna Using Fundamental Modes of Different Mode Families. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2019</b> , 67, 6778-6788	4.9	19
157	3D-printed Wideband Rectangular Dielectric Resonator Antenna <b>2019</b> ,		2
156	Wide-Beamwidth Unilateral Dielectric Resonator Antenna Using Higher-Order Mode. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2019</b> , 18, 93-97	3.8	13

155	A Spherical Open-Resonator Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2019</b> , 67, 1259-1264	4.9	11
154	Wideband Dual-Frequency Antenna With Large Frequency Ratio. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2019</b> , 67, 1981-1986	4.9	11
153	Wide-/Dual-Band Omnidirectional Filtering Dielectric Resonator Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2018</b> , 66, 2622-2627	4.9	56
152	Omnidirectional Dielectric Resonator Antenna With a Planar Feed for Circular Polarization Diversity Design. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2018</b> , 66, 1189-1197	4.9	29
151	Dualfunction Dielectric Resonator as Antenna and Phase-Delay-Line Load: Designs of Compact Circularly Polarized/Differential Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2018</b> , 66, 414-419	4.9	25
150	Compact Unilateral Circularly Polarized Dielectric Resonator Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2018</b> , 66, 668-674	4.9	17
149	Generation of microwave orbital angular momentum states using hemispherical dielectric resonator antenna. <i>Applied Physics Letters</i> , <b>2018</b> , 112, 131103	3.4	38
148	Microstrip-Fed Differential Dielectric Resonator Antenna and Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2018</b> , 17, 1736-1739	3.8	17
147	Compact Single-/Dual-Polarized Filtering Dielectric Resonator Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2018</b> , 66, 4474-4484	4.9	43
146	Circularly Polarized Substrate-Integrated Cylindrical Dielectric Resonator Antenna Array for 60 GHz Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2018</b> , 17, 1401-1405	3.8	31
145	Gain Enhancement of Rectangular Dielectric Resonator Antenna Using EBG Surface <b>2018</b> ,		1
144	Dual-Band Circularly Polarized Antenna With Wide Axial Ratio Beamwidths for Upper Hemispherical Coverage. <i>IEEE Access</i> , <b>2018</b> , 6, 58132-58138	3.5	9
143	Millimeter-Wave Substrate-Based Dielectric Reflectarray. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2018</b> , 17, 2329-2333	3.8	13
142	Miniaturized High-Temperature Superconducting Diplexer Using Common Resonator and Cross Coupling Structure. <i>IEEE Transactions on Applied Superconductivity</i> , <b>2017</b> , 27, 1-4	1.8	2
141	Compact Laterally Radiating Dielectric Resonator Antenna With Small Ground Plane. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2017</b> , 65, 4305-4310	4.9	17
140	Omnidirectional Circularly Polarized Dielectric Resonator Antenna With Logarithmic Spiral Slots in the Ground. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2017</b> , 65, 839-844	4.9	33
139	Broadbeam Cross-Dipole Antenna for GPS Applications. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2017</b> , 65, 5605-5610	4.9	17
138	Compact dual-frequency antenna for 2.4/60 GHz applications <b>2017</b> ,		2

137	Wideband circularly polarized cylindrical dielectric resonator antenna <b>2017</b> ,		1
136	Dual-Fed Hollow Dielectric Antenna for Dual-Frequency Operation With Large Frequency Ratio. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2017</b> , 65, 3308-3313	4.9	23
135	Dielectric Resonator Antennas <b>2016</b> , 955-1000		0
134	Gain enhanced omnidirectional cylindrical ring dielectric resonator antenna <b>2016</b> ,		1
133	Compact Linearly and Circularly Polarized Unidirectional Dielectric Resonator Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2016</b> , 64, 2067-2074	4.9	28
132	Dual-Frequency Folded-Parallel-Plate Antenna With Large Frequency Ratio. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2016</b> , 64, 340-345	4.9	32
131	Substrate-Integrated Two-Port Dual-Frequency Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2016</b> , 64, 3692-3697	4.9	43
130	. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2015</b> , 63, 5334-5342	4.9	19
129	Wideband two-layer transparent cylindrical dielectric resonator antenna used as a light cover <b>2015</b> ,		2
128	Dual Polarization Slotted Miniature Wideband Patch Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2015</b> , 63, 353-357	4.9	14
127	Transparent Antennas <b>2015</b> , 1-23		6
126	<b>2015</b> ,		3
125	Dielectric Resonator Antennas <b>2015</b> , 1-39		
124	Singly-Fed Dual-Band Circularly Polarized Dielectric Resonator Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2014</b> , 13, 995-998	3.8	67
123	Compact Quasi-Isotropic Dielectric Resonator Antenna With Small Ground Plane. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2014</b> , 62, 577-585	4.9	77
122	Low Cost Meander Line Chip Monopole Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2014</b> , 62, 442-445	4.9	10
121	. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2014</b> , 62, 4945-4951	4.9	34
120	Design of Wideband Omnidirectional Two-Layer Transparent Hemispherical Dielectric Resonator Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2014</b> , 62, 5353-5357	4.9	19

119	Gain enhancement of omnidirectional dielectric resonator antenna using a higher-order mode <b>2014</b> ,		3
118	Mirror-Integrated Dielectric Resonator Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2014</b> , 62, 27-32	4.9	5
117	Differential Fabry-Perot Resonator Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2013</b> , 61, 4438-4446	4.9	10
116	Omnidirectional Circularly Polarized Dielectric Resonator Antenna With Top-Loaded Alford Loop for Pattern Diversity Design. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2013</b> , 61, 4246-4256	4.9	84
115	Dense Dielectric Patch Antenna A New Kind of Low-Profile Antenna Element for Wireless Communications. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2013</b> , 61, 4239-4245	4.9	79
114	Wideband Circularly Polarized Dielectric Bird-Nest Antenna With Conical Radiation Pattern. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2013</b> , 61, 563-570	4.9	63
113	Dual-Function Radiating Glass for Antennas and Light Covers Part II: Dual-Band Glass Dielectric Resonator Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2013</b> , 61, 587-597	4.9	39
112	Dual-Band and Wideband Dual-Polarized Cylindrical Dielectric Resonator Antennas. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2013</b> , 12, 384-387	3.8	64
111	Compact circularly polarized hollow dielectric resonator antenna with embedded vertical feed network <b>2013</b> ,		2
110	Frequency-tunable soft composite antennas for wireless sensing. <i>Sensors and Actuators A: Physical</i> , <b>2012</b> , 179, 137-145	3.9	26
109	. <i>IEEE Transactions on Electron Devices</i> , <b>2012</b> , 59, 1757-1764	2.9	6
108	Linear-/Circular-Polarization Designs of Dual-/Wide-Band Cylindrical Dielectric Resonator Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2012</b> , 60, 2662-2671	4.9	103
107	. <i>Proceedings of the IEEE</i> , <b>2012</b> , 100, 2181-2193	14.3	143
106	Wideband Omnidirectional Circularly Polarized Dielectric Resonator Antenna With Parasitic Strips. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2012</b> , 60, 2992-2997	4.9	86
105	A New Fabry-Perot Resonator Antenna Fed by an L-Probe. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2012</b> , 60, 1237-1244	4.9	18
104	Compact Multifunctional Antennas in Microwave Wireless Systems <b>2012</b> , 1-28		
103	Omnidirectional Linearly and Circularly Polarized Rectangular Dielectric Resonator Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2012</b> , 60, 751-759	4.9	73
102	Aesthetic transparent dielectric resonator antenna with omnidirectional radiation pattern <b>2012</b> ,		4

101	Design of dual-band circularly polarized dielectric resonator antenna using a higher-order mode <b>2012,</b>		5
100	<b>2012,</b>		30
99	New Single-/Dual-Mode Design Formulas of the Rectangular Dielectric Resonator Antenna Using Covariance Matrix Adaptation Evolutionary Strategy. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2011</b> , 10, 734-737	3.8	23
98	Differentially fed dielectric resonator antenna loading with capacitive elements for frequency response reconfigurability <b>2011,</b>		3
97	The Compact Circularly-Polarized Hollow Rectangular Dielectric Resonator Antenna With an Underlaid Quadrature Coupler. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2011</b> , 59, 288-293	4.9	53
96	Design of the Millimeter-wave Rectangular Dielectric Resonator Antenna Using a Higher-Order Mode. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2011</b> , 59, 2780-2788	4.9	67
95	Fast Directional Multilevel Algorithm for Analyzing Wave Scattering. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2011</b> , 59, 2546-2556	4.9	4
94	Compact Circularly Polarized Dualband Zonal-Slot/DRA Hybrid Antenna Without External Ground Plane. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2011</b> , 59, 2404-2409	4.9	31
93	Ultrawideband microstrip integrated-antenna-filter. <i>Microwave and Optical Technology Letters</i> , <b>2011</b> , 53, 32-34	1.2	1
92	Frequency-Tunable Differentially Fed Rectangular Dielectric Resonator Antennas. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2011</b> , 10, 884-887	3.8	31
91	Designs of Single-, Dual-, Wide-Band Rectangular Dielectric Resonator Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2011</b> , 59, 2409-2414	4.9	105
90	Theory and Experiment of the Hollow Rectangular Dielectric Resonator Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2011</b> , 10, 631-634	3.8	20
89	Wideband circularly polarized hollow dielectric resonator antenna with a parasitic strip <b>2011,</b>		2
88	On the wideband notched rectangular dielectric resonator antenna <b>2011,</b>		3
87	A solar power plant with light-reflecting E-shaped patch antenna <b>2010,</b>		1
86	Compact Differential Rectangular Dielectric Resonator Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2010</b> , 9, 662-665	3.8	37
85	Transparent Dielectric Resonator Antennas for Optical Applications. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2010</b> , 58, 1054-1059	4.9	49
84	Green Antenna for Solar Energy Collection. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2010</b> , 9, 689-692	3.8	10

83	Wideband Circularly Polarized Trapezoidal Dielectric Resonator Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2010</b> , 9, 588-591	3.8	110
82	Compact wideband circularly polarized rectangular dielectric resonator antenna with dual underlaid hybrid couplers. <i>Microwave and Optical Technology Letters</i> , <b>2010</b> , 52, 2789-2791	1.2	27
81	L-probe-Fed Fabry-Perot resonator antenna for millimeter-wave applications. <i>Digest / IEEE Antennas and Propagation Society International Symposium</i> , <b>2009</b> ,		3
80	Analysis on the platform-tolerant radio-frequency identification tag antenna. <i>IET Microwaves, Antennas and Propagation</i> , <b>2009</b> , 3, 601	1.6	3
79	On the Dual-Band DRA-Slot Hybrid Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2009</b> , 57, 624-630	4.9	42
78	Dual-Band Circularly Polarized Dual-Slot Antenna With a Dielectric Cover. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2009</b> , 57, 3757-3764	4.9	20
77	FDTD Implementation and Application of High Order Impedance Boundary Condition Using Rational Functions. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2009</b> , 57, 2397-2408	4.9	8
76	Theory and Experiment of the Wideband Two-Layer Hemispherical Dielectric Resonator Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2009</b> , 57, 1280-1284	4.9	20
75	Radial Perfectly Matched Layer for the ADI-FDTD Method. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2009</b> , 19, 425-427	2.6	7
74	A Nonorthogonal ADI-FDTD Algorithm for Solving Two Dimensional Scattering Problems. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2009</b> , 57, 3891-3902	4.9	12
73	. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2009</b> , 8, 486-489	3.8	6
72	On the Differentially Fed Rectangular Dielectric Resonator Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2008</b> , 56, 353-359	4.9	39
71	Differentially Fed Rectangular Dielectric Resonator Antenna <b>2008</b> ,		1
70	Use of the Dielectric Resonator Antenna as a Filter Element. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2008</b> , 56, 5-10	4.9	50
69	Compact wideband circularly polarized dielectric resonator antenna with an underlaid hybrid coupler <b>2008</b> ,		5
68	Compact wideband DGS lowpass filter with modified microstripline. <i>Microwave and Optical Technology Letters</i> , <b>2008</b> , 50, 974-977	1.2	3
67	Platform-tolerant Design for an RFID Tag Antenna <b>2007</b> ,		4
66	Novel Utilization of the Dielectric Resonator Antenna as an Oscillator Load. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2007</b> , 55, 2686-2691	4.9	28

65	Multiple scattering of waves by dense random distributions of sticky particles for applications in microwave scattering by terrestrial snow. <i>Radio Science</i> , <b>2007</b> , 42, n/a-n/a	1.4	33
64	Platform tolerant RFID tag antenna <b>2007</b> ,		6
63	Dualband DRA-slot hybrid slot antenna <b>2007</b> ,		3
62	Dielectric-Covered Dual-Slot Antenna for Dualband Applications. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2007</b> , 55, 1768-1773	4.9	14
61	Circularly-Polarized DRA-Slot Hybrid Antenna for Dualband Applications <b>2007</b> ,		4
60	Experimental Study on the Dualfunction Dielectric-Resonator-Antenna-Filter <b>2007</b> ,		2
59	Dual-wideband rectangular dielectric resonator antenna for WLAN communications. <i>Microwave and Optical Technology Letters</i> , <b>2006</b> , 48, 378-380	1.2	9
58	On the circularly polarized hemi-ellipsoidal dielectric resonator antenna. <i>Microwave and Optical Technology Letters</i> , <b>2006</b> , 48, 1763-1766	1.2	10
57	Novel Dielectric Resonator Antenna Oscillator <b>2006</b> ,		2
56	Novel application of the hollow dielectric resonator antenna as a packaging cover. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2006</b> , 54, 484-487	4.9	36
55	Aperture Antennas on Probe-Fed Hemispherical Metallic Cavities. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2006</b> , 54, 3556-3561	4.9	1
54	Frequency tuning of the linearly and circularly polarized dielectric resonator antennas using multiple parasitic strips. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2006</b> , 54, 225-230	4.9	31
53	The probe-fed zonal slot antenna cut onto a cylindrical conducting cavity. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2005</b> , 53, 3949-3952	4.9	11
52	The slot-coupled hemispherical dielectric resonator antenna with a parasitic patch: applications to the circularly polarized antenna and wide-band antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2005</b> , 53, 1762-1769	4.9	45
51	Strip-fed rectangular dielectric resonator antennas with/without a parasitic patch. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2005</b> , 53, 2200-2207	4.9	98
50	An efficient method to reduce the numerical dispersion in the ADI-FDTD. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2005</b> , 53, 2295-2301	4.1	38
49	Parallel realization of algebraic domain decomposition for the vector finite element analysis of 3D time-harmonic EM field problems. <i>International Journal of Numerical Modelling: Electronic Networks, Devices and Fields</i> , <b>2005</b> , 18, 481-492	1	3
48	FDTD analysis of a plasma whip antenna. <i>Microwave and Optical Technology Letters</i> , <b>2005</b> , 47, 147-150	1.2	21

47	FDTD ANALYSIS OF MICROSTRIP PATCH ANTENNA COVERED BY PLASMA SHEATH. <i>Progress in Electromagnetics Research</i> , <b>2005</b> , 52, 173-183	3.8	47
46	ANALYSIS OF CIRCULARLY POLARIZED DIELECTRIC RESONATOR ANTENNA EXCITED BY A SPIRAL SLOT. <i>Progress in Electromagnetics Research</i> , <b>2004</b> , 47, 111-121	3.8	24
45	Maxwellian circuits and Green's functions. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 41, 318-320	1.2	
44	On the Wideband High-permittivity Dielectric Resonator Antenna with Parasitic Patches. <i>HKIE Transactions</i> , <b>2004</b> , 11, 16-20	2.9	
43	A circularly polarized rectangular dielectric resonator antenna with a parasitic patch <b>2004</b> ,		1
42	Complex resonance of the circular-arc dipole antenna. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 39, 253-256	1.2	2
41	Theory and experiment of circularly polarized dielectric resonator antenna with a parasitic patch. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2003</b> , 51, 405-412	4.9	69
40	A circularly polarized dielectric resonator antenna excited by an asymmetrical U-slot with a backing cavity. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2003</b> , 2, 133-135	3.8	26
39	Low-profile high-permittivity dielectric resonator antenna excited by a disk-loaded coaxial aperture. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2003</b> , 2, 212-214	3.8	16
38	Rectangular and zonal slots on a sphere with a backing shell: theory and experiment. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2003</b> , 51, 1434-1442	4.9	6
37	High-permittivity dielectric resonator antenna excited by a rectangular waveguide. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 34, 157-158	1.2	14
36	Circularly polarized slot-coupled dielectric resonator antenna with a parasitic patch. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2002</b> , 1, 57-59	3.8	18
35	Dielectric resonator antenna fed by a displaced conformal strip. <i>Microwave and Optical Technology Letters</i> , <b>2001</b> , 29, 185-187	1.2	1
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33	Excitation of low-profile equilateral-triangular dielectric resonator antenna using a conducting conformal strip. <i>Microwave and Optical Technology Letters</i> , <b>2001</b> , 29, 317-319	1.2	15
32	Circularly polarized dielectric resonator antenna excited by dual conformal strips of unequal lengths. <i>Microwave and Optical Technology Letters</i> , <b>2001</b> , 29, 348-350	1.2	19
31	Complex resonance and radiation of hemispherical dielectric-resonator antenna with a concentric conductor. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2001</b> , 49, 524-531	4.1	29
30	Analysis of the zonal and rectangular slots on a conducting spherical cavity. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2001</b> , 49, 1739-1745	4.9	5

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25	Theory and experiment of the cavity-backed slot-excited dielectric resonator antenna. <i>IEEE Transactions on Electromagnetic Compatibility</i> , <b>2000</b> , 42, 290-297	2	10
24	Conformal strip excitation of dielectric resonator antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2000</b> , 48, 961-967	4.9	85
23	Microstrip-line feed circularly polarized cylindrical dielectric resonator antenna <b>2000</b> , 24, 206		3
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21	Mutual coupling between millimeter-wave dielectric-resonator antennas. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>1999</b> , 47, 2164-2166	4.1	11
20	A new inverted F antenna with a ring dielectric resonator. <i>IEEE Transactions on Vehicular Technology</i> , <b>1999</b> , 48, 1029-1032	6.8	13
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9	Characteristics of a low-profile circular disk DR antenna with very high permittivity. <i>Electronics Letters</i> , <b>1995</b> , 31, 417-418	1.1	41
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