

Kwok Wa Leung

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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	. <i>Proceedings of the IEEE</i> , 2012 , 100, 2181-2193	14.3	143
189	Wideband Circularly Polarized Trapezoidal Dielectric Resonator Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2010 , 9, 588-591	3.8	110
188	Designs of Single-, Dual-, Wide-Band Rectangular Dielectric Resonator Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2011 , 59, 2409-2414	4.9	105
187	Linear-/Circular-Polarization Designs of Dual-/Wide-Band Cylindrical Dielectric Resonator Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 2662-2671	4.9	103
186	Strip-fed rectangular dielectric resonator antennas with/without a parasitic patch. <i>IEEE Transactions on Antennas and Propagation</i> , 2005 , 53, 2200-2207	4.9	98
185	Wideband Omnidirectional Circularly Polarized Dielectric Resonator Antenna With Parasitic Strips. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 2992-2997	4.9	86
184	Conformal strip excitation of dielectric resonator antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2000 , 48, 961-967	4.9	85
183	Omnidirectional Circularly Polarized Dielectric Resonator Antenna With Top-Loaded Alford Loop for Pattern Diversity Design. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 4246-4256	4.9	84
182	Dense Dielectric Patch Antenna A New Kind of Low-Profile Antenna Element for Wireless Communications. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 4239-4245	4.9	79
181	Compact Quasi-Isotropic Dielectric Resonator Antenna With Small Ground Plane. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 577-585	4.9	77
180	Omnidirectional Linearly and Circularly Polarized Rectangular Dielectric Resonator Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 751-759	4.9	73
179	Theory and experiment of circularly polarized dielectric resonator antenna with a parasitic patch. <i>IEEE Transactions on Antennas and Propagation</i> , 2003 , 51, 405-412	4.9	69
178	Singly-Fed Dual-Band Circularly Polarized Dielectric Resonator Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014 , 13, 995-998	3.8	67
177	Design of the Millimeter-wave Rectangular Dielectric Resonator Antenna Using a Higher-Order Mode. <i>IEEE Transactions on Antennas and Propagation</i> , 2011 , 59, 2780-2788	4.9	67
176	Dual-Band and Wideband Dual-Polarized Cylindrical Dielectric Resonator Antennas. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013 , 12, 384-387	3.8	64
175	Wideband Circularly Polarized Dielectric Bird-Nest Antenna With Conical Radiation Pattern. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 563-570	4.9	63
174	Wide-/Dual-Band Omnidirectional Filtering Dielectric Resonator Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 2622-2627	4.9	56

173	Theory and Experiment of an Aperture-Coupled Hemispherical Dielectric Resonator Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 1995 , 43, 1192	4.9	54
172	The Compact Circularly-Polarized Hollow Rectangular Dielectric Resonator Antenna With an Underlaid Quadrature Coupler. <i>IEEE Transactions on Antennas and Propagation</i> , 2011 , 59, 288-293	4.9	53
171	Low profile equilateral-triangular dielectric resonator antenna of very high permittivity. <i>Electronics Letters</i> , 1999 , 35, 2164	1.1	53
170	Use of the Dielectric Resonator Antenna as a Filter Element. <i>IEEE Transactions on Antennas and Propagation</i> , 2008 , 56, 5-10	4.9	50
169	Transparent Dielectric Resonator Antennas for Optical Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2010 , 58, 1054-1059	4.9	49
168	FDTD ANALYSIS OF MICROSTRIP PATCH ANTENNA COVERED BY PLASMA SHEATH. <i>Progress in Electromagnetics Research</i> , 2005 , 52, 173-183	3.8	47
167	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> , 2005 , 53, 1762-1769	4.9	45
166	Compact Single-/Dual-Polarized Filtering Dielectric Resonator Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 4474-4484	4.9	43
165	Substrate-Integrated Two-Port Dual-Frequency Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 3692-3697	4.9	43
164	On the Dual-Band DRA-Slot Hybrid Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2009 , 57, 624-630	4.9	42
163	Characteristics of a low-profile circular disk DR antenna with very high permittivity. <i>Electronics Letters</i> , 1995 , 31, 417-418	1.1	41
162	Dual-Function Radiating Glass for Antennas and Light CoversPart II: Dual-Band Glass Dielectric Resonator Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 587-597	4.9	39
161	On the Differentially Fed Rectangular Dielectric Resonator Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2008 , 56, 353-359	4.9	39
160	Generation of microwave orbital angular momentum states using hemispherical dielectric resonator antenna. <i>Applied Physics Letters</i> , 2018 , 112, 131103	3.4	38
159	Bandwidth and gain enhancement of a dielectric resonator antenna with the use of a stacking element. <i>Microwave and Optical Technology Letters</i> , 1997 , 14, 215-217	1.2	38
158	An efficient method to reduce the numerical dispersion in the ADI-FDTD. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2005 , 53, 2295-2301	4.1	38
157	Compact Differential Rectangular Dielectric Resonator Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2010 , 9, 662-665	3.8	37
156	Novel application of the hollow dielectric resonator antenna as a packaging cover. <i>IEEE Transactions on Antennas and Propagation</i> , 2006 , 54, 484-487	4.9	36

155	Circularly polarized dielectric resonator antenna subarrays. <i>Microwave and Optical Technology Letters</i> , 2000 , 27, 377-379	1.2	36
154	. <i>IEEE Transactions on Antennas and Propagation</i> , 1995 , 43, 1192-1198	4.9	35
153	. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 4945-4951	4.9	34
152	Omnidirectional Circularly Polarized Dielectric Resonator Antenna With Logarithmic Spiral Slots in the Ground. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 839-844	4.9	33
151	Multiple scattering of waves by dense random distributions of sticky particles for applications in microwave scattering by terrestrial snow. <i>Radio Science</i> , 2007 , 42, n/a-n/a	1.4	33
150	Dual-Frequency Folded-Parallel-Plate Antenna With Large Frequency Ratio. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 340-345	4.9	32
149	Compact Absorptive Filtering Patch Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 633-642	4.9	32
148	Circularly Polarized Substrate-Integrated Cylindrical Dielectric Resonator Antenna Array for 60 GHz Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 1401-1405	3.8	31
147	Compact Circularly Polarized Dualband Zonal-Slot/DRA Hybrid Antenna Without External Ground Plane. <i>IEEE Transactions on Antennas and Propagation</i> , 2011 , 59, 2404-2409	4.9	31
146	Frequency-Tunable Differentially Fed Rectangular Dielectric Resonator Antennas. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2011 , 10, 884-887	3.8	31
145	Frequency tuning of the linearly and circularly polarized dielectric resonator antennas using multiple parasitic strips. <i>IEEE Transactions on Antennas and Propagation</i> , 2006 , 54, 225-230	4.9	31
144	Technique for improving coupling between microstripline and dielectric resonator antenna. <i>Electronics Letters</i> , 1999 , 35, 357	1.1	31
143	Linearly and Circularly Polarized Filtering Dielectric Resonator Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 3629-3640	4.9	30
142	Wideband Circularly Polarized Substrate-Integrated Embedded Dielectric Resonator Antenna for Millimeter-Wave Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 1145-1150	4.9	30
141	2012 ,		30
140	Omnidirectional Dielectric Resonator Antenna With a Planar Feed for Circular Polarization Diversity Design. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 1189-1197	4.9	29
139	Complex resonance and radiation of hemispherical dielectric-resonator antenna with a concentric conductor. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2001 , 49, 524-531	4.1	29
138	Compact Linearly and Circularly Polarized Unidirectional Dielectric Resonator Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 2067-2074	4.9	28

137	Novel Utilization of the Dielectric Resonator Antenna as an Oscillator Load. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 2686-2691	4.9	28
136	Compact wideband circularly polarized rectangular dielectric resonator antenna with dual underlaid hybrid couplers. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 2789-2791	1.2	27
135	. <i>IEEE Transactions on Antennas and Propagation</i> , 1994 , 42, 1652-1654	4.9	27
134	Frequency-tunable soft composite antennas for wireless sensing. <i>Sensors and Actuators A: Physical</i> , 2012 , 179, 137-145	3.9	26
133	A circularly polarized dielectric resonator antenna excited by an asymmetrical U-slot with a backing cavity. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2003 , 2, 133-135	3.8	26
132	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> , 2018 , 66, 414-419	4.9	25
131	3-D-Printed Wideband Multi-Ring Dielectric Resonator Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 2110-2114	3.8	24
130	ANALYSIS OF CIRCULARLY POLARIZED DIELECTRIC RESONATOR ANTENNA EXCITED BY A SPIRAL SLOT. <i>Progress in Electromagnetics Research</i> , 2004 , 47, 111-121	3.8	24
129	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> , 2011 , 10, 734-737	3.8	23
128	Theory and experiment of a rectangular slot on a sphere. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1998 , 46, 2117-2123	4.1	23
127	Analysis of a broadband slot-coupled dielectric-coated hemispherical dielectric resonator antenna. <i>Microwave and Optical Technology Letters</i> , 1995 , 8, 13-16	1.2	23
126	Dual-Fed Hollow Dielectric Antenna for Dual-Frequency Operation With Large Frequency Ratio. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 3308-3313	4.9	23
125	FDTD analysis of a plasma whip antenna. <i>Microwave and Optical Technology Letters</i> , 2005 , 47, 147-150	1.2	21
124	Theory and Experiment of the Hollow Rectangular Dielectric Resonator Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2011 , 10, 631-634	3.8	20
123	Dual-Band Circularly Polarized Dual-Slot Antenna With a Dielectric Cover. <i>IEEE Transactions on Antennas and Propagation</i> , 2009 , 57, 3757-3764	4.9	20
122	Theory and Experiment of the Wideband Two-Layer Hemispherical Dielectric Resonator Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2009 , 57, 1280-1284	4.9	20
121	Cylindrical dielectric resonator antenna array. <i>Electronics Letters</i> , 1995 , 31, 1536-1537	1.1	20
120	. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 5334-5342	4.9	19

119	Pattern-Diversity Cylindrical Dielectric Resonator Antenna Using Fundamental Modes of Different Mode Families. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 6778-6788	4.9	19
118	Design of Wideband Omnidirectional Two-Layer Transparent Hemispherical Dielectric Resonator Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 5353-5357	4.9	19
117	Effect of parasitic disk on a coaxial probe-fed dielectric resonator antenna. <i>Microwave and Optical Technology Letters</i> , 1997 , 15, 166-168	1.2	19
116	Circularly polarized dielectric resonator antenna excited by dual conformal strips of unequal lengths. <i>Microwave and Optical Technology Letters</i> , 2001 , 29, 348-350	1.2	19
115	A New Fabry-Perot Resonator Antenna Fed by an L-Probe. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 1237-1244	4.9	18
114	Circularly polarized slot-coupled dielectric resonator antenna with a parasitic patch. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2002 , 1, 57-59	3.8	18
113	Compact Laterally Radiating Dielectric Resonator Antenna With Small Ground Plane. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 4305-4310	4.9	17
112	Broadbeam Cross-Dipole Antenna for GPS Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 5605-5610	4.9	17
111	Compact Unilateral Circularly Polarized Dielectric Resonator Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 668-674	4.9	17
110	Microstrip-Fed Differential Dielectric Resonator Antenna and Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 1736-1739	3.8	17
109	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019 , 67, 4524-4533	4.1	16
108	Low-profile high-permittivity dielectric resonator antenna excited by a disk-loaded coaxial aperture. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2003 , 2, 212-214	3.8	16
107	Spherical cap dielectric resonator antenna using aperture coupling. <i>Electronics Letters</i> , 1994 , 30, 1366-1367	1.2	16
106	Compact Cylindrical Pattern-Diversity Dielectric Resonator Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 19-23	3.8	16
105	Excitation of low-profile equilateral-triangular dielectric resonator antenna using a conducting conformal strip. <i>Microwave and Optical Technology Letters</i> , 2001 , 29, 317-319	1.2	15
104	Dual Polarization Slotted Miniature Wideband Patch Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 353-357	4.9	14
103	Dielectric-Covered Dual-Slot Antenna for Dualband Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 1768-1773	4.9	14
102	High-permittivity dielectric resonator antenna excited by a rectangular waveguide. <i>Microwave and Optical Technology Letters</i> , 2002 , 34, 157-158	1.2	14

101	Microstrip-line feed circularly polarized cylindrical dielectric resonator antenna. <i>Microwave and Optical Technology Letters</i> , 2000 , 24, 206-207	1.2	13
100	A new inverted F antenna with a ring dielectric resonator. <i>IEEE Transactions on Vehicular Technology</i> , 1999 , 48, 1029-1032	6.8	13
99	Wide-Beamwidth Unilateral Dielectric Resonator Antenna Using Higher-Order Mode. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 93-97	3.8	13
98	Size Reduction of Omnidirectional Cylindrical Dielectric Resonator Antenna Using a Magnetic Aperture Source. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 3248-3253	4.9	13
97	Millimeter-Wave Substrate-Based Dielectric Reflectarray. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 2329-2333	3.8	13
96	A Nonorthogonal ADI-FDTD Algorithm for Solving Two Dimensional Scattering Problems. <i>IEEE Transactions on Antennas and Propagation</i> , 2009 , 57, 3891-3902	4.9	12
95	The probe-fed zonal slot antenna cut onto a cylindrical conducting cavity. <i>IEEE Transactions on Antennas and Propagation</i> , 2005 , 53, 3949-3952	4.9	11
94	Mutual coupling between millimeter-wave dielectric-resonator antennas. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1999 , 47, 2164-2166	4.1	11
93	Wideband Dual-Frequency Antenna With Large Frequency Ratio. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 1981-1986	4.9	11
92	Low Cost Meander Line Chip Monopole Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 442-445	4.9	10
91	Differential FabryPerot Resonator Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 4438-4446	4.9	10
90	Green Antenna for Solar Energy Collection. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2010 , 9, 689-692	3.9	10
89	On the circularly polarized hemi-ellipsoidal dielectric resonator antenna. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 1763-1766	1.2	10
88	Theory and experiment of the cavity-backed slot-excited dielectric resonator antenna. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2000 , 42, 290-297	2	10
87	Frequency Reconfigurable Filtering Dielectric Resonator Antenna With Harmonics Suppression. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 3224-3233	4.9	10
86	Dual-wideband rectangular dielectric resonator antenna for WLAN communications. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 378-380	1.2	9
85	Dual-Band Circularly Polarized Antenna With Wide Axial Ratio Beamwidths for Upper Hemispherical Coverage. <i>IEEE Access</i> , 2018 , 6, 58132-58138	3.5	9
84	FDTD Implementation and Application of High Order Impedance Boundary Condition Using Rational Functions. <i>IEEE Transactions on Antennas and Propagation</i> , 2009 , 57, 2397-2408	4.9	8

83	Compact Dual Microwave/Millimeter-Wave Planar Shared-Aperture Antenna for Vehicle-to-Vehicle/5G Communications. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 5071-5076	6.8	8
82	Compact Dual-Frequency Antenna Array With Large Frequency Ratio. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 2031-2040	4.9	8
81	Study of Resonant Modes in Rectangular Dielectric Resonator Antenna Based on Radar Cross Section. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 4200-4205	4.9	7
80	Radial Perfectly Matched Layer for the ADI-FDTD Method. <i>IEEE Microwave and Wireless Components Letters</i> , 2009 , 19, 425-427	2.6	7
79	. <i>IEEE Transactions on Electron Devices</i> , 2012 , 59, 1757-1764	2.9	6
78	Transparent Antennas 2015 , 1-23		6
77	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2009 , 8, 486-489	3.8	6
76	Platform tolerant RFID tag antenna 2007 ,		6
75	Rectangular and zonal slots on a sphere with a backing shell: theory and experiment. <i>IEEE Transactions on Antennas and Propagation</i> , 2003 , 51, 1434-1442	4.9	6
74	Analysis of hemispherical dielectric resonator antenna. <i>Radio Science</i> , 1993 , 28, 1211-1218	1.4	6
73	Wideband Horizontally Polarized Omnidirectional Cylindrical Dielectric Resonator Antenna for Polarization-Reconfigurable Design. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	6
72	Design of Wide Scanning Sparse Planar Array Using Both Matrix-Pencil and Space-Mapping Methods. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 140-144	3.8	6
71	Mirror-Integrated Dielectric Resonator Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 27-32	4.9	5
70	Design of dual-band circularly polarized dielectric resonator antenna using a higher-order mode 2012 ,		5
69	Compact wideband circularly polarized dielectric resonator antenna with an underlaid hybrid coupler 2008 ,		5
68	Analysis of the zonal and rectangular slots on a conducting spherical cavity. <i>IEEE Transactions on Antennas and Propagation</i> , 2001 , 49, 1739-1745	4.9	5
67	On the Circularly Polarized Parallel-Plate Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 3-12	4.9	5
66	Design of Substrate-Integrated Dielectric Resonator Antenna With Dielectric Vias. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 5205-5214	4.9	5

65	Miniature Dual-Band Meander-Line Monopole Chip Antenna With Independent Band Control. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 1873-1877	3.8	4
64	Fast Directional Multilevel Algorithm for Analyzing Wave Scattering. <i>IEEE Transactions on Antennas and Propagation</i> , 2011 , 59, 2546-2556	4.9	4
63	Aesthetic transparent dielectric resonator antenna with omnidirectional radiation pattern 2012 ,		4
62	Platform-tolerant Design for an RFID Tag Antenna 2007 ,		4
61	Circularly-Polarized DRA-Slot Hybrid Antenna for Dualband Applications 2007 ,		4
60	Slot-line-excited equilateral-triangular dielectric resonator antenna of very high permittivity. <i>Microwave and Optical Technology Letters</i> , 2001 , 29, 230-231	1.2	4
59	Input impedance of inclined printed slot antennas and inclined-slot-coupled dielectric resonator antennas. <i>Microwave and Optical Technology Letters</i> , 1996 , 12, 47-50	1.2	4
58	Orbital angular momentum radiator multiplexing electromagnetic waves in free space. <i>Optics Express</i> , 2020 , 28, 345-359	3.3	4
57	. <i>IEEE Access</i> , 2020 , 8, 142892-142899	3.5	4
56	Compact Wideband Low-Profile Single-and Dual-Polarized Dielectric Resonator Antennas Using Dielectric and Air Vias. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	4
55	Active Integrated Dielectric Resonator Antenna-in-Package Design. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 2414-2418	3.8	3
54	2015 ,		3
53	Gain enhancement of omnidirectional dielectric resonator antenna using a higher-order mode 2014 ,		3
52	Differentially fed dielectric resonator antenna loading with capacitive elements for frequency response reconfigurability 2011 ,		3
51	L-probe-Fed Fabry-Perot resonator antenna for millimeter-wave applications. <i>Digest / IEEE Antennas and Propagation Society International Symposium</i> , 2009 ,		3
50	Analysis on the platform-tolerant radio-frequency identification tag antenna. <i>IET Microwaves, Antennas and Propagation</i> , 2009 , 3, 601	1.6	3
49	On the wideband notched rectangular dielectric resonator antenna 2011 ,		3
48	Compact wideband DGS lowpass filter with modified microstripline. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 974-977	1.2	3

47	Dualband DRA-slot hybrid slot antenna 2007 ,		3
46	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> , 2005 , 18, 481-492	1	3
45	Analysis of pentagonal waveguides for high-power transmission by use of eigenmode expansion. <i>Microwave and Optical Technology Letters</i> , 2000 , 27, 125-129	1.2	3
44	On the probe-fed dielectric resonator inside the parallel-plate waveguide. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1999 , 47, 1113-1117	4.1	3
43	A Wireless Power Transmitter With Uniform Power Transfer Coverage. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 10709-10717	8.9	3
42	3-D-Printed Circularly Polarized Twisted-Ridge Horn Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 1746-1750	4.9	3
41	An Ultra-Wideband High-Efficiency Rectifier based on Harmonic Feedback Topology. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	3
40	Electrically Small, Planar, Horizontally Polarized Dual-Band Omnidirectional Antenna and Its Application in a MIMO System. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 5345-5355	4.9	3
39	An Electrically Controlled Pattern- and Polarization-Reconfigurable Cylindrical Dielectric Resonator Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	3
38	Microstrip-line feed circularly polarized cylindrical dielectric resonator antenna 2000 , 24, 206		3
37	Miniaturized High-Temperature Superconducting Diplexer Using Common Resonator and Cross Coupling Structure. <i>IEEE Transactions on Applied Superconductivity</i> , 2017 , 27, 1-4	1.8	2
36	Wideband two-layer transparent cylindrical dielectric resonator antenna used as a light cover 2015 ,		2
35	Compact dual-frequency antenna for 2.4/60 GHz applications 2017 ,		2
34	Compact circularly polarized hollow dielectric resonator antenna with embedded vertical feed network 2013 ,		2
33	Wideband circularly polarized hollow dielectric resonator antenna with a parasitic strip 2011 ,		2
32	Novel Dielectric Resonator Antenna Oscillator 2006 ,		2
31	Experimental Study on the Dualfunction Dielectric-Resonator-Antenna-Filter 2007 ,		2
30	Complex resonance of the circular-arc dipole antenna. <i>Microwave and Optical Technology Letters</i> , 2003 , 39, 253-256	1.2	2

29	Mutual coupling of hemispherical cavity-backed slot antennas. <i>Microwave and Optical Technology Letters</i> , 1999 , 20, 304-306	1.2	2
28	FDTD analysis of superstrate-loaded slot antenna with a perpendicular feed. <i>Microwave and Optical Technology Letters</i> , 1999 , 22, 21-24	1.2	2
27	3-D-Printed Wideband High-Efficiency Dual-Frequency Antenna for Vehicular Communications. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	2
26	3D-printed Wideband Rectangular Dielectric Resonator Antenna 2019 ,		2
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