

Hang Wong

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.

118
papers

3,335
citations

36
h-index

55
g-index

171
ext. papers

4,526
ext. citations

3.8
avg, IF

6.12
L-index

#	Paper	IF	Citations
118	Algorithm for Fewest Arms of Multi-Band Linear Dipole Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	0
117	A Wideband Circularly Polarized Complementary Antenna for Millimeter-wave Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	2
116	Wideband and High-Gain Substrate Integrated Folded Horn Fed Open Slot Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	0
115	Design of An Air-Filled Slot Antenna and Array for Millimeter-Wave Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	
114	A Circularly-Polarized Multi-Beam Magneto-Electric Dipole Transmitarray With Linearly-Polarized Feeds for Millimeter-Wave Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	2
113	Millimeter-Wave Slot-Based Cavity Antennas with Flexibly-Chosen Linear Polarization. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	
112	A dual-polarized Fabry-Pérot antenna with high gain and wide bandwidth for millimeter-wave applications. <i>Frontiers of Information Technology and Electronic Engineering</i> , 2021 , 22, 599-608	2.2	0
111	A Transparent Artificial Periodic Structure for Beam-Tilting Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 498-502	3.8	0
110	A Circularly-Polarized-Reconfigurable Dense Dielectric Patch Antenna with Liquid Dielectric 2021 ,		1
109	A Compact Dual-Mode Circularly Polarized Antenna With Frequency Reconfiguration. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 1098-1102	3.8	5
108	A High Gain Millimeter-Wave Circularly Polarized Fabry-Pérot Antenna Using PRS-Integrated Polarizer. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 1179-1183	4.9	10
107	155 GHz Dual-Polarized Fabry-Pérot Cavity Antenna Using LTCC-Based Feeding Source and Phase-Shifting Surface. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 2347-2352	4.9	7
106	. <i>IEEE Open Journal of Antennas and Propagation</i> , 2021 , 2, 396-401	1.9	3
105	A Low-Profile Dual-Band Coaperture Monopolar Antenna Based on Cross-Layer Folded Structure. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	1
104	Design of Small Multi-band Full-screen Smartwatch Antenna for IoT applications. <i>IEEE Internet of Things Journal</i> , 2021 , 1-1	10.7	6
103	A Compact Gradient Refractive Index Metamaterial Lens for End-Fire Fan-Beam Radiation. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	2
102	Dual-Band Shared-Aperture Antenna With Bifunctional Metasurface. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	0

101	A C-shaped Open Slot Antenna Array for Millimeter-Wave Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	1
100	A Reconfigurable 1 \times 4 Circularly Polarized Patch Array Antenna With Frequency, Radiation Pattern, and Polarization Agility. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 5124-5129	4.9	6
99	. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 5631-5639	4.9	7
98	Dipole Antenna with Both Odd and Even Modes Excited and Tuned. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	0
97	A Polarization and Beam Steering Reconfigurable Cavity Backed Magneto Electric Dipole Antenna Array Using Reflection Type Phase Shifter. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	1
96	A Simple Low-Profile Coaxially-Fed Magneto-Electric Dipole Antenna Without Slot-Cavity. <i>IEEE Open Journal of Antennas and Propagation</i> , 2020 , 1, 233-238	1.9	5
95	A Planar Millimeter-Wave Antenna Array With a Pillbox-Distributed Network. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 3664-3672	4.9	16
94	Wideband Substrate Integrated Waveguide Fed Open Slot Antenna Array. <i>IEEE Access</i> , 2020 , 8, 74167-74174	4.9	6
93	A Wideband Substrate Integrated Waveguide-Fed Open Slot Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 1945-1952	4.9	8
92	Active meta polarizer for terahertz frequencies. <i>Scientific Reports</i> , 2020 , 10, 15382	4.9	8
91	Reconfigurable DRAs With Liquid Materials 2020 ,		1
90	A Millimeter-Wave Fabry-Pérot Cavity Antenna Using Fresnel Zone Plate Integrated PRS. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 564-568	4.9	14
89	Metal-Frame Antenna for Big-Screen Smartphones Using Characteristic Mode Analysis. <i>IEEE Access</i> , 2019 , 7, 122224-122231	3.5	7
88	. <i>IEEE Access</i> , 2019 , 7, 141900-141909	3.5	7
87	Broadband CPW-Fed Aperture Coupled Metasurface Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 517-520	3.8	38
86	Wideband and High-Gain Fabry-Pérot Cavity Antenna With Switched Beams for Millimeter-Wave Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 4339-4347	4.9	28
85	A Polarizer Integrated Dielectric Resonator Antenna for Polarization Reconfigurability. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 2723-2728	4.9	8
84	A Polarization-Reconfigurable Glass Dielectric Resonator Antenna Using Liquid Metal. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 3427-3432	4.9	44

83	Effect of the screen to metal-frame smartphone antennas 2019 ,		7
82	Dielectric and metallic jointly 3D-printed mmWave hyperbolic lens antenna. <i>IET Microwaves, Antennas and Propagation</i> , 2019 , 13, 1934-1939	1.6	14
81	A Design of Bandwidth-Enhanced Cavity-Backed Slot Filtenna Using Resonance Windows. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 1926-1930	4.9	12
80	A Wideband Dual-Polarized Inductor-End Slot Antenna With Stable Beamwidth. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 608-612	3.8	11
79	Linearly Polarized and Circularly Polarized Wideband Dipole Antennas With Reconfigurable Beam Direction. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 1747-1755	4.9	22
78	Circularly Polarized Antenna With Reconfigurable Broadside and Conical Beams Facilitated by a Mode Switchable Feed Network. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 996-1001	4.9	38
77	. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 657-667	4.9	40
76	. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 444-449	4.9	41
75	Polarization and Pattern Reconfigurable Cuboid Quadrifilar Helical Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 2707-2715	4.9	36
74	. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 5080-5087	4.9	14
73	A Low-Profile and Wideband Lens Antenna Based on High-Refractive-Index Metasurface. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 5764-5772	4.9	19
72	Reconfigurable Quadrifilar Helical Antenna 2018 ,		1
71	Polarization Reconfigurable Antenna with Liquid Metal 2018 ,		2
70	. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 4303-4308	4.9	34
69	Multipolarization-Reconfigurable Circular Patch Antenna With L-Shaped Probes. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 1549-1552	3.8	32
68	Multi-Polarization Reconfigurable Antenna for Wireless Biomedical System. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2017 , 11, 652-660	5.1	64
67	. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 2157-2164	4.9	52
66	Wideband Circular-Polarization Reconfigurable Antenna With L-Shaped Feeding Probes. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 2114-2117	3.8	65

65	Dual-Band Dual-Mode Button Antenna for On-Body and Off-Body Communications. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2017 , 11, 933-941	5.1	48
64	Polarization-Reconfigurable Magnetolectric Dipole Antenna for 5G Wi-Fi. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 1504-1507	3.8	44
63	A Wideband Millimeter-Wave Circularly Polarized Antenna With 3-D Printed Polarizer. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 1038-1046	4.9	63
62	A Reconfigurable Scheme of Wireless Power Transmission in Fully Enclosed Environments. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 2959-2962	3.8	5
61	Wideband Pattern-Reconfigurable Antenna With Switchable Broadside and Conical Beams. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 2638-2641	3.8	91
60	A wideband millimeter wave CP antenna by using tapered dielectric polarizer 2017 ,		3
59	Broadband Circularly Polarized Patch Antenna Arrays With Multiple-Layers Structure. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 525-528	3.8	13
58	A Reconfigurable CP/LP Antenna With Cross-Probe Feed. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 669-672	3.8	39
57	LP and CP polarization reconfigurable antennas for modern wireless applications 2017 ,		7
56	A low-profile wideband gradient refractive index lens antenna based on metasurface 2017 ,		3
55	. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 1130-1136	6.8	87
54	Reconfigurable multi-slot antenna for bio-medical applications 2016 ,		3
53	Magnetolectric Dipole Antennas With Dual Open-Ended Slot Excitation. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 3338-3346	4.9	28
52	. <i>IEEE Access</i> , 2016 , 4, 1510-1517	3.5	42
51	Polarization reconfigurable multi-slot antenna for body-centric wireless communication system 2016 ,		5
50	A Circularly Polarized Antenna by Using Rotated-Stair Dielectric Resonator. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 787-790	3.8	72
49	Substrate Integrated Meandering Probe-Fed Patch Antennas for Wideband Wireless Devices. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2015 , 5, 381-388	1.7	20
48	Wideband Circular Polarization Reconfigurable Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 5938-5944	4.9	83

47	Polarization Reconfigurable Wheel-Shaped Antenna With Conical-Beam Radiation Pattern. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 491-499	4.9	120
46	. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 466-473	4.9	27
45	Miniaturized Circularly Polarized Patch Antenna With Low Back Radiation for GPS Satellite Communications. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 5934-5938	4.9	39
44	Substrate Integrated Magneto-Electric Dipole Antenna for 5G Wi-Fi. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 870-874	4.9	92
43	A Wideband Circularly Polarized Cross-Dipole Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014 , 13, 67-70	3.8	115
42	. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 5974-5982	4.9	47
41	Printed Meandering Probe-Fed Circularly Polarized Patch Antenna With Wide Bandwidth. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014 , 13, 654-657	3.8	60
40	A miniaturized filtering power divider with wide stopband 2014 ,		2
39	Differential-fed higher-order mode patch antenna at 60GHz band 2014 ,		1
38	Wideband slot-loaded dipole for base station antenna element. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 2933-2937	1.2	1
37	2013 ,		4
36	. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 11-18	4.9	196
35	. <i>Proceedings of the IEEE</i> , 2012 , 100, 2109-2121	14.3	70
34	Design of Broadband Dual-Band Dipole for Base Station Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 1592-1595	4.9	90
33	. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 3129-3136	4.9	97
32	. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 3096-3103	4.9	22
31	Wideband shorted higher-order mode millimeter-wave patch antenna 2012 ,		9
30	Dual-Mode Dual-Band Bandpass Filter Based on a Stub-Loaded Patch Resonator. <i>IEEE Microwave and Wireless Components Letters</i> , 2011 , 21, 525-527	2.6	62

29	Small Circularly Polarized U-Slot Wideband Patch Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2011 , 10, 87-90	3.8	74
28	Broadband circularly-polarised patch antenna with 3D meandering strip feed. <i>Electronics Letters</i> , 2011 , 47, 1060	1.1	10
27	Dielectric resonator antenna for millimeter wave applications 2011 ,		2
26	Wideband Self-Complementary Quasi-Yagi Antenna for Millimeter-Wave Systems. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2011 , 10, 322-325	3.8	22
25	A 60GHz digitally controlled RF beamforming array in 65nm CMOS with off-chip antennas 2011 ,		8
24	Small circularly polarized patch antenna 2011 ,		4
23	Printed millimeter wave vertical patch antenna 2010 ,		2
22	New size reduction for patch antenna by parasitic shorting elements 2010 ,		4
21	Virtually Shorted Patch Antenna for Circular Polarization. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2010 , 9, 1213-1216	3.8	68
20	A Dual-Polarized Magneto-Electric Dipole With Dielectric Loading. <i>IEEE Transactions on Antennas and Propagation</i> , 2009 , 57, 616-623	4.9	105
19	Wideband Shorted Bowtie Patch Antenna With Electric Dipole. <i>IEEE Transactions on Antennas and Propagation</i> , 2008 , 56, 2098-2101	4.9	80
18	Wideband planar inverted-F antenna with meandering shorting strip. <i>Electronics Letters</i> , 2008 , 44, 395	1.1	28
17	Study of small wideband folded-patch-feed antennas. <i>IET Microwaves, Antennas and Propagation</i> , 2007 , 1, 501	1.6	33
16	Unidirectional antenna composed of dipole and loop. <i>Electronics Letters</i> , 2007 , 43, 1176	1.1	14
15	A Shorted Bowtie Patch Antenna With a Cross Dipole for Dual Polarization. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2007 , 6, 126-129	3.8	51
14	Broadband Patch Antenna With a Folded Plate Pair as a Differential Feeding Scheme. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 2461-2467	4.9	53
13	A wideband low-profile microstrip antenna and array. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 729-730	1.2	1
12	Directional wideband shorted bowtie antenna. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 1670-1672	1.6	13

11	Accordion shape monofilar axial mode helix for RFID reader. <i>Electronics Letters</i> , 2006 , 42, 607	1.1	7
10	A full-wavelength circularly polarized slot antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2006 , 54, 741-743	4.9	11
9	A Vertical Patch Antenna for Dual-Band Operation. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2006 , 5, 95-97	3.8	8
8	. <i>IEEE Transactions on Vehicular Technology</i> , 2005 , 54, 33-40	6.8	41
7	Small circularly polarised patch antenna. <i>Electronics Letters</i> , 2005 , 41, 887	1.1	29
6	Small circularly polarised folded patch antenna. <i>Electronics Letters</i> , 2005 , 41, 1363	1.1	13
5	Design of dual-polarized L-probe patch antenna arrays with high isolation. <i>IEEE Transactions on Antennas and Propagation</i> , 2004 , 52, 45-52	4.9	173
4	A dual-polarized L-probe microstrip patch antenna array. <i>Microwave and Optical Technology Letters</i> , 2002 , 32, 235-237	1.2	1
3	A low-cost L-probe patch antenna array. <i>Microwave and Optical Technology Letters</i> , 2001 , 29, 280-282	1.2	1
2	High-gain and wide-band single-layer twin-L coupled patch antenna		1
1	Coding Metasurfaces with Reconfiguration Capabilities Based on Optical Activation of Phase-Change Materials for Terahertz Beam Manipulations. <i>Advanced Optical Materials</i> , 2101699	8.1	7