

Hang Wong

List of Publications by Citations

Source: <https://exaly.com/author-pdf/4315535/hang-wong-publications-by-citations.pdf>

Version: 2024-04-24

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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	. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 11-18	4.9	196
117	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
116	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
115	A Wideband Circularly Polarized Cross-Dipole Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014 , 13, 67-70	3.8	115
114	A Dual-Polarized Magneto-Electric Dipole With Dielectric Loading. <i>IEEE Transactions on Antennas and Propagation</i> , 2009 , 57, 616-623	4.9	105
113	. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 3129-3136	4.9	97
112	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
111	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
110	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
109	. <i>IEEE Transactions on Vehicular Technology</i> , 2016 , 65, 1130-1136	6.8	87
108	Wideband Circular Polarization Reconfigurable Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 5938-5944	4.9	83
107	Wideband Shorted Bowtie Patch Antenna With Electric Dipole. <i>IEEE Transactions on Antennas and Propagation</i> , 2008 , 56, 2098-2101	4.9	80
106	Small Circularly Polarized U-Slot Wideband Patch Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2011 , 10, 87-90	3.8	74
105	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
104	. <i>Proceedings of the IEEE</i> , 2012 , 100, 2109-2121	14.3	70
103	Virtually Shorted Patch Antenna for Circular Polarization. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2010 , 9, 1213-1216	3.8	68
102	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

101	Multi-Polarization Reconfigurable Antenna for Wireless Biomedical System. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2017 , 11, 652-660	5.1	64
100	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
99	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
98	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
97	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
96	. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 2157-2164	4.9	52
95	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
94	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
93	. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 5974-5982	4.9	47
92	Polarization-Reconfigurable Magnetolectric Dipole Antenna for 5G Wi-Fi. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 1504-1507	3.8	44
91	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
90	. <i>IEEE Access</i> , 2016 , 4, 1510-1517	3.5	42
89	. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 444-449	4.9	41
88	. <i>IEEE Transactions on Vehicular Technology</i> , 2005 , 54, 33-40	6.8	41
87	. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 657-667	4.9	40
86	A Reconfigurable CP/LP Antenna With Cross-Probe Feed. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 669-672	3.8	39
85	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
84	Broadband CPW-Fed Aperture Coupled Metasurface Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 517-520	3.8	38

83	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
82	Polarization and Pattern Reconfigurable Cuboid Quadrifilar Helical Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 2707-2715	4.9	36
81	. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 4303-4308	4.9	34
80	Study of small wideband folded-patch-feed antennas. <i>IET Microwaves, Antennas and Propagation</i> , 2007 , 1, 501	1.6	33
79	Multipolarization-Reconfigurable Circular Patch Antenna With L-Shaped Probes. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 1549-1552	3.8	32
78	Small circularly polarised patch antenna. <i>Electronics Letters</i> , 2005 , 41, 887	1.1	29
77	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
76	Magnetolectric Dipole Antennas With Dual Open-Ended Slot Excitation. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 3338-3346	4.9	28
75	Wideband planar inverted-F antenna with meandering shorting strip. <i>Electronics Letters</i> , 2008 , 44, 395	1.1	28
74	. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 466-473	4.9	27
73	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
72	. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 3096-3103	4.9	22
71	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
70	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
69	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
68	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
67	. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 5080-5087	4.9	14
66	Unidirectional antenna composed of dipole and loop. <i>Electronics Letters</i> , 2007 , 43, 1176	1.1	14

65	Dielectric and metallic jointly 3D-printed mmWave hyperbolic lens antenna. <i>IET Microwaves, Antennas and Propagation</i> , 2019 , 13, 1934-1939	1.6	14
64	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
63	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
62	Directional wideband shorted bowtie antenna. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 1670-1672	1.6	13
61	Small circularly polarised folded patch antenna. <i>Electronics Letters</i> , 2005 , 41, 1363	1.1	13
60	A Design of Bandwidth-Enhanced Cavity-Backed Slot Antenna Using Resonance Windows. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 1926-1930	4.9	12
59	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
58	A full-wavelength circularly polarized slot antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2006 , 54, 741-743	4.9	11
57	Broadband circularly-polarised patch antenna with 3D meandering strip feed. <i>Electronics Letters</i> , 2011 , 47, 1060	1.1	10
56	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
55	Wideband shorted higher-order mode millimeter-wave patch antenna 2012 ,		9
54	A Polarizer Integrated Dielectric Resonator Antenna for Polarization Reconfigurability. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 2723-2728	4.9	8
53	A 60GHz digitally controlled RF beamforming array in 65nm CMOS with off-chip antennas 2011 ,		8
52	A Vertical Patch Antenna for Dual-Band Operation. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2006 , 5, 95-97	3.8	8
51	A Wideband Substrate Integrated Waveguide-Fed Open Slot Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 1945-1952	4.9	8
50	Active meta polarizer for terahertz frequencies. <i>Scientific Reports</i> , 2020 , 10, 15382	4.9	8
49	Metal-Frame Antenna for Big-Screen Smartphones Using Characteristic Mode Analysis. <i>IEEE Access</i> , 2019 , 7, 122224-122231	3.5	7
48	. <i>IEEE Access</i> , 2019 , 7, 141900-141909	3.5	7

47	Effect of the screen to metal-frame smartphone antennas 2019 ,		7
46	LP and CP polarization reconfigurable antennas for modern wireless applications 2017 ,		7
45	Accordion shape monofilar axial mode helix for RFID reader. <i>Electronics Letters</i> , 2006 , 42, 607	1.1	7
44	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
43	155 GHz Dual-Polarized FabryPerot 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
42	. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 5631-5639	4.9	7
41	Wideband Substrate Integrated Waveguide Fed Open Slot Antenna Array. <i>IEEE Access</i> , 2020 , 8, 74167-74174	5.34	6
40	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
39	A Reconfigurable 1 λ 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
38	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
37	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
36	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
35	Polarization reconfigurable multi-slot antenna for body-centric wireless communication system 2016 ,		5
34	2013 ,		4
33	New size reduction for patch antenna by parasitic shorting elements 2010 ,		4
32	Small circularly polarized patch antenna 2011 ,		4
31	Reconfigurable multi-slot antenna for bio-medical applications 2016 ,		3
30	A wideband millimeter wave CP antenna by using tapered dielectric polarizer 2017 ,		3

29	A low-profile wideband gradient refractive index lens antenna based on metasurface 2017 ,		3
28	. <i>IEEE Open Journal of Antennas and Propagation</i> , 2021 , 2, 396-401	1.9	3
27	A miniaturized filtering power divider with wide stopband 2014 ,		2
26	Printed millimeter wave vertical patch antenna 2010 ,		2
25	Dielectric resonator antenna for millimeter wave applications 2011 ,		2
24	A Wideband Circularly Polarized Complementary Antenna for Millimeter-wave Applications. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	2
23	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
22	Polarization Reconfigurable Antenna with Liquid Metal 2018 ,		2
21	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
20	Differential-fed higher-order mode patch antenna at 60GHz band 2014 ,		1
19	Wideband slot-loaded dipole for base station antenna element. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 2933-2937	1.2	1
18	A wideband low-profile microstrip antenna and array. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 729-730	1.2	1
17	High-gain and wide-band single-layer twin-L coupled patch antenna		1
16	A dual-polarized L-probe microstrip patch antenna array. <i>Microwave and Optical Technology Letters</i> , 2002 , 32, 235-237	1.2	1
15	A low-cost L-probe patch antenna array. <i>Microwave and Optical Technology Letters</i> , 2001 , 29, 280-282	1.2	1
14	Reconfigurable DRAs With Liquid Materials 2020 ,		1
13	A Circularly-Polarized-Reconfigurable Dense Dielectric Patch Antenna with Liquid Dielectric 2021 ,		1
12	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

11	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
10	Reconfigurable Quadrifilar Helical Antenna 2018 ,		1
9	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
8	Algorithm for Fewest Arms of Multi-Band Linear Dipole Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	0
7	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
6	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
5	A Transparent Artificial Periodic Structure for Beam-Tilting Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 498-502	3.8	0
4	Dual-Band Shared-Aperture Antenna With Bifunctional Metasurface. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	0
3	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
2	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	
1	Millimeter-Wave Slot-Based Cavity Antennas with Flexibly-Chosen Linear Polarization. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	