

Yue Ping Zhang

List of Publications by Citations

Source: <https://exaly.com/author-pdf/43993/yue-ping-zhang-publications-by-citations.pdf>

Version: 2024-04-27

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.

111
papers

2,265
citations

28
h-index

45
g-index

140
ext. papers

2,940
ext. citations

3.4
avg, IF

5.47
L-index

#	Paper	IF	Citations
111	Antenna-on-Chip and Antenna-in-Package Solutions to Highly Integrated Millimeter-Wave Devices for Wireless Communications. <i>IEEE Transactions on Antennas and Propagation</i> , 2009 , 57, 2830-2841	4.9	310
110	Antenna-in-Package Design for Wirebond Interconnection to Highly Integrated 60-GHz Radios. <i>IEEE Transactions on Antennas and Propagation</i> , 2009 , 57, 2842-2852	4.9	118
109	. <i>Proceedings of the IEEE</i> , 2017 , 105, 723-736	14.3	104
108	CMOS T/R Switch Design: Towards Ultra-Wideband and Higher Frequency. <i>IEEE Journal of Solid-State Circuits</i> , 2007 , 42, 563-570	5.5	84
107	Propagation Mechanisms of Radio Waves Over Intra-Chip Channels With Integrated Antennas: Frequency-Domain Measurements and Time-Domain Analysis. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 2900-2906	4.9	73
106	. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 2270-2275	4.9	68
105	Design and Experiment on Differentially-Driven Microstrip Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 2701-2708	4.9	61
104	A Circularly-Polarized Array Antenna Using Linearly-Polarized Sub Grid Arrays for Highly-Integrated 60-GHz Radio. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 436-439	4.9	58
103	Integration of Yagi Antenna in LTCC Package for Differential 60-GHz Radio. <i>IEEE Transactions on Antennas and Propagation</i> , 2008 , 56, 2780-2783	4.9	57
102	A 1.5-V 29.6-GHz Inductorless Low-Noise Amplifier in 0.13- μm CMOS. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2007 , 55, 2015-2023	4.1	57
101	. <i>IEEE Transactions on Antennas and Propagation</i> , 2011 , 59, 2134-2140	4.9	50
100	An Overview of the Development of Antenna-in-Package Technology for Highly Integrated Wireless Devices. <i>Proceedings of the IEEE</i> , 2019 , 107, 2265-2280	14.3	49
99	A novel wireless interconnect technology using impulse radio for interchip communications. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2006 , 54, 1912-1920	4.1	49
98	Microstrip Grid and Comb Array Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2011 , 59, 4077-4084	4.9	47
97	. <i>IEEE Transactions on Antennas and Propagation</i> , 2011 , 59, 1191-1199	4.9	47
96	. <i>Proceedings of the IEEE</i> , 2012 , 100, 2364-2371	14.3	45
95	Miniaturization of Planar Monopole Antenna for Ultrawideband Radios. <i>IEEE Transactions on Antennas and Propagation</i> , 2010 , 58, 2420-2425	4.9	45

94	Integration of Dual-Band Monopole and Microstrip Grid Array for Single-Chip Tri-Band Application. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 439-443	4.9	40
93	Integration of Grid Array Antenna in Chip Package for Highly Integrated 60-GHz Radios. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2009 , 8, 1364-1366	3.8	40
92	Performance of UWB Impulse Radio With Planar Monopoles Over On-Human-Body Propagation Channel for Wireless Body Area Networks. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 2907-2914	4.9	40
91	Improved hole distribution in InGaN/GaN light-emitting diodes with graded thickness quantum barriers. <i>Applied Physics Letters</i> , 2013 , 102, 243504	3.4	39
90	Flipping the CMOS Switch. <i>IEEE Microwave Magazine</i> , 2010 , 11, 86-96	1.2	39
89	Inkjet-printed patch antenna emitter for wireless communication application. <i>Virtual and Physical Prototyping</i> , 2016 , 11, 289-294	10.1	37
88	16.6- and 28-GHz Fully Integrated CMOS RF Switches With Improved Body Floating. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2008 , 56, 339-345	4.1	34
87	Inter-Chip Wireless Communication Channel: Measurement, Characterization, and Modeling. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 978-986	4.9	33
86	Integration of Quadruple Linearly-Polarized Microstrip Grid Array Antennas for 60-GHz Antenna-in-Package Applications. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2013 , 3, 1293-1300	1.7	32
85	Antenna-in-Package and Transmit/Receive Switch for Single-Chip Radio Transceivers of Differential Architecture. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2008 , 55, 3564-3570	3.9	32
84	A Ceramic Antenna for Tri-Band Radio Devices. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 5776-5780	4.9	31
83	An LTCC planar ultra-wideband antenna. <i>Microwave and Optical Technology Letters</i> , 2004 , 42, 220-222	1.2	26
82	FR4 PCB grid array antenna for millimeter-wave 5G mobile communications 2013 ,		25
81	A 60-GHz Circularly-Polarized Array Antenna-in-Package in LTCC Technology. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 6228-6232	4.9	23
80	100-GHz Quasi-Yagi Antenna in Silicon Technology. <i>IEEE Electron Device Letters</i> , 2007 , 28, 455-457	4.4	23
79	Novel Antenna-in-Package Design in LTCC for Single-Chip RF Transceivers. <i>IEEE Transactions on Antennas and Propagation</i> , 2008 , 56, 2079-2088	4.9	22
78	Characterization of on-human-body UWB radio propagation channel. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 1365-1371	1.2	22
77	Measuring the Impedance and Efficiency of Differentially Driven Microstrip Antenna by Two Balun Methods. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 1246-1252	4.9	21

76	A 94-GHz Dual-Polarized Microstrip Mesh Array Antenna in LTCC Technology. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2016 , 15, 634-637	3.8	20
75	An LTCC Microstrip Grid Array Antenna for 94-GHz Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 1279-1281	3.8	20
74	Design and Analysis of Transmit/Receive Switch in Triple-Well CMOS for MIMO Wireless Systems. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2007 , 55, 458-466	4.1	18
73	Enrichment of Package Antenna Approach With Dual Feeds, Guard Ring, and Fences of Vias. <i>IEEE Transactions on Advanced Packaging</i> , 2009 , 32, 612-618		17
72	Integration of Antenna and Feeding Network for Compact UWB Transceiver Package. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2011 , 1, 111-118	1.7	16
71	. <i>IEEE Transactions on Antennas and Propagation</i> , 2011 , 59, 1078-1084	4.9	16
70	Dual-Band Differential Shifted-Feed Microstrip Grid Array Antenna With Two Parasitic Patches. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 2434-2439	4.9	15
69	Miniaturization of Planar Monopole Antennas for Ultrawide-Band Applications 2007 ,		14
68	A CMOS Ultra-Wideband Impulse Radio Transceiver for Interchip Wireless Communications 2007 ,		14
67	Design of Wideband Differentially Fed Multilayer Stacked Patch Antennas Based on Bat Algorithm. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 1172-1176	3.8	11
66	Single-pole multiple-throw switches with defected ground structure low-pass filter. <i>IET Microwaves, Antennas and Propagation</i> , 2014 , 8, 1241-1249	1.6	10
65	Miniaturization of Differentially-Driven Microstrip Planar Inverted F Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 1280-1283	4.9	10
64	A Wideband mmWave Antenna in Fan-Out Wafer Level Packaging With Tall Vertical Interconnects for 5G Wireless Communication. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	10
63	Antenna-in-Package Technology: Its Early Development [Historical Corner]. <i>IEEE Antennas and Propagation Magazine</i> , 2019 , 61, 111-118	1.7	9
62	Differential Shorted Patch Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 4438-4444	4.9	9
61	Design and integration of 60-GHz grid array antenna in chip package 2008 ,		9
60	Enhancement of waveguide model for propagation-loss prediction in tunnels. <i>Microwave and Optical Technology Letters</i> , 2001 , 30, 10-12	1.2	8
59	Bit-error-rate analysis of UWB radio using BPSK modulation over inter-chip radio channels for wireless chip area networks. <i>IEEE Transactions on Wireless Communications</i> , 2009 , 8, 2379-2387	9.6	7

58	The Wheeler Method for the Measurement of the Efficiency of Differentially-Driven Microstrip Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 3436-3439	4.9	6
57	Coupling Mechanisms and Effects Between On-Chip Antenna and Inductor or Coplanar Waveguide. <i>IEEE Transactions on Electron Devices</i> , 2013 , 60, 20-27	2.9	6
56	An Experiment Study of the Propagation of Radio Waves in a Scaled Model of Long-Wall Coal Mining Tunnels. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2009 , 8, 502-504	3.8	6
55	Performance of integrated antennas on silicon substrates of high and low resistivities up to 110 GHz for wireless interconnects. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 302-305	1.2	6
54	An Inductorless Low-Noise Amplifier with Noise Cancellation for UWB Receiver Front-End 2006 ,		6
53	Frequency-band selection for an integrated-circuit package antenna using LTCC technology. <i>Microwave and Optical Technology Letters</i> , 2005 , 44, 439-441	1.2	6
52	An Overview of Probe-Based Millimeter-Wave/Terahertz Far-Field Antenna Measurement Setups [Measurements Corner]. <i>IEEE Antennas and Propagation Magazine</i> , 2021 , 63, 63-118	1.7	6
51	A Wideband Differentially Fed Dual-Polarized Laminated Resonator Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 4148-4153	4.9	6
50	Differential grid array antenna to radiate pencil beam at 24 GHz for radar and sensor applications. <i>IET Microwaves, Antennas and Propagation</i> , 2014 , 8, 765-769	1.6	5
49	Excitation of UHF radio waves in tunnels. <i>Microwave and Optical Technology Letters</i> , 1999 , 22, 408-410	1.2	5
48	A 60-GHz single-pole-single-throw switch in 65-nm bulk CMOS. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2011 , 21, 190-198	1.5	4
47	Integrated-circuit pressed-ceramic package antenna for the single-chip solution of a wireless transceiver. <i>Microwave and Optical Technology Letters</i> , 2001 , 30, 330-332	1.2	4
46	A Novel Beam Steerable Antenna Employing Tunable High Impedance Surface With Liquid Crystal. <i>IEEE Access</i> , 2020 , 8, 118687-118695	3.5	4
45	A Single-Layer Miniaturized Patch Antenna Based on Coupled Microstrips. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 823-827	3.8	4
44	Mutual Coupling Between Submicrostrip Grid Arrays on Electrically Thin Substrate. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 467-471	4.9	3
43	Measurement of input impedance of differential microstrip antenna by balun method 2012 ,		3
42	A CMOS differential fifth-derivative Gaussian pulse generator for UWB applications. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 1849-1852	1.2	3
41	Ultra Compact LTCC Based AiP for 60 GHz Applications 2007 ,		3

40	Cofired laminated ceramic package antenna for single-chip wireless transceivers. <i>Microwave and Optical Technology Letters</i> , 2002 , 33, 14-16	1.2	3
39	Propagation of UHF radio waves in trapezoidal tunnels. <i>Microwave and Optical Technology Letters</i> , 1999 , 20, 295-297	1.2	3
38	A D-band CMOS power amplifier for short-range data center communication. <i>IEICE Electronics Express</i> , 2020 , 17, 20200159-20200159	0.5	3
37	Microstrip Grid and Patch-Based Dual-Band Shared-Aperture Differentially Fed Array Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 1043-1047	3.8	3
36	A Multiport Microstrip Grid Array Structure. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 4953-4958	4.9	3
35	Cross-Polarization Reduction of Shorted Patch Antenna by Using Coupled TM _{0,1/2} Mode. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	3
34	45-Degree polarized microstrip grid arrays for millimeter-wave micro base station 2018 ,		2
33	A microstrip grid array antenna for 60-GHz applications 2012 ,		2
32	Electromagnetic Mode Theory of Periodically-Loaded Oversized Imperfect Waveguide and Its Application to the Propagation of Radio Waves in Long Wall Coal Mining Face Tunnels. <i>IEEE Transactions on Antennas and Propagation</i> , 2010 , 58, 1816-1822	4.9	2
31	Development of antenna-in-package technology for single-chip tri-band radio devices 2011 ,		2
30	Alternative approach to low-noise amplifier design for ultra-wideband applications. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2007 , 17, 153-159	1.5	2
29	LTCC-based compact UWB antenna and its integration study. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 789-793	1.2	2
28	Time-delay characteristics of in-room UHF radio propagation channels. <i>Microwave and Optical Technology Letters</i> , 2002 , 33, 115-119	1.2	2
27	Practical performance of digital cellular system in mass rapid transit environments. <i>International Journal of Communication Systems</i> , 2005 , 18, 143-157	1.7	2
26	FDTD modeling of matched impedance terminating a microstrip line. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2005 , 15, 325-328	1.5	2
25	Bandwidth enhancement of a patch antenna of very high-permittivity material. <i>Microwave and Optical Technology Letters</i> , 2001 , 23, 98-99	1.2	2
24	A stacked patch antenna of very high-permittivity material. <i>Microwave and Optical Technology Letters</i> , 2000 , 27, 395-396	1.2	2
23	Natural propagation of radio signals in confined spaces. <i>Microwave and Optical Technology Letters</i> , 1999 , 23, 38-42	1.2	2

22	Impedance Relations for Differential Antennas and Single-ended Counterparts. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	2
21	Design and Modeling of Dual-Band Dual-Mode Coupled Shorted Patch Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	2
20	On Surface-Wave Suppression of Differential Circular Microstrip Antennas. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 1691-1695	3.8	2
19	An ultrawideband SPST switch using defected ground structure low pass filter in 65-nm CMOS technology. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2015 , 25, 758-768	1.5	1
18	A 24-GHz microstrip grid array antenna 2012 ,		1
17	Performance evaluation of three basic antennas in chip packages for 60-GHz radios. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 2359-2363	1.2	1
16	Probe-fed microstrip antennas loaded with very high-permittivity ceramics. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2006 , 16, 454-462	1.5	1
15	Co-design of antenna and feeding network in LTCC package for UWB single-chip radios 2007 ,		1
14	Planar inverted-F antennas loaded with very high permittivity ceramics. <i>Radio Science</i> , 2004 , 39, n/a-n/a	1.4	1
13	Theory and Experiment on Stacked Circular Microstrip Patch Antennas for Low-Coupling Array Design. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022 , 1-1	3.8	1
12	A Study of a Probe-Based Millimeter-Wave Far-Field Antenna Measurement Setup [Measurements Corner]. <i>IEEE Antennas and Propagation Magazine</i> , 2021 , 63, 118-144	1.7	1
11	A Low-profile Magneto-electric Dipole Antenna with Parasitic Patches for Millimeter-wave Antenna-in-package Applications 2019 ,		1
10	A Decoupling Structure for Mutual Coupling Suppression in Stacked Microstrip Patch Antenna Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022 , 1-1	3.8	1
9	Theoretical and Experimental Investigations on Differential Aperture-Coupled Rectangular Laminated Resonator Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022 , 1-1	3.8	1
8	Theory and Analysis on Radiation Characteristics of Differential Rectangular Laminated Resonator Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	1
7	A fully integrated differential impulse radio transmitter. <i>Analog Integrated Circuits and Signal Processing</i> , 2012 , 70, 47-56	1.2	0
6	Design of Compact Grid Array Antennas Using Gradient Slow-Wave Structures. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022 , 1-1	3.8	0
5	A Study on the Radiation Characteristics of Microelectronic Probes. <i>IEEE Open Journal of Antennas and Propagation</i> , 2022 , 3, 4-11	1.9	0

- 4 Antenna-in-Package (AiP) Technology. *Engineering*, **2021**, 9.7 ○
- 3 Antennas **2020**, 17-56
- 2 Multifingers capacitances modeling of 65-Nm CMOS transistor by unit cell method. *International Journal of RF and Microwave Computer-Aided Engineering*, **2012**, 22, 297-307 1.5
- 1 A comparative study of two techniques for improving power-handling capability of CMOS T/R switches. *International Journal of RF and Microwave Computer-Aided Engineering*, **2010**, 20, 298-305 1.5