

Gary Zhang

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.

28

papers

149

citations

6

h-index

11

g-index

35

ext. papers

243

ext. citations

2.3

avg, IF

3.03

L-index

#	Paper	IF	Citations
28	Dual-mode linearity enhanced power amplifier with wideband AM-PM compensation for 5B-GHz FeLAA applications. <i>Electronics Letters</i> , 2022 , 58, 188-190	1.1	0
27	A Single-Layer Dual-Band Dual-Sense Circularly-Polarized Patch Antenna Array with Small Frequency Ratio. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	3
26	Design of Fast Transient Response Voltage-Mode Buck Converter With Hybrid Feedforward and Feedback Technique. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , 2021 , 9, 780-790	5.6	3
25	Design of broadband high-gain GaN MMIC power amplifier based on reactive/resistive matching and feedback technique. <i>IEICE Electronics Express</i> , 2021 , 18,	0.5	2
24	A Dual-Beam Wideband Filtering Patch Antenna with Absorptive Band-edge Radiation Nulls. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	0
23	A Dual-Band Base Station Antenna with a Split Ring for Sub-6 GHz Communication. <i>International Journal of Antennas and Propagation</i> , 2021 , 2021, 1-8	1.2	0
22	Compact Normal-Mode Hybrid-Helix Antenna and Its Application to Circularly Polarized Yagi Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 5986-5991	4.9	1
21	A compact hybrid envelope tracking supply modulator with wide-band high-slew-rate linear amplifier. <i>IEICE Electronics Express</i> , 2020 , 17, 20200121-20200121	0.5	1
20	A Compact Slotted Patch Hybrid-Mode Antenna for Sub-6 GHz Communication. <i>International Journal of Antennas and Propagation</i> , 2020 , 2020, 1-8	1.2	3
19	Efficient Analysis of Compact Vias in an Arbitrarily Shaped Plate Pair by Hybrid Boundary-Integral and Finite-Element Method. <i>IEEE Access</i> , 2019 , 7, 59394-59402	3.5	0
18	Compact Dual-Polarized Antenna for Dual-Band Full-Duplex Base Station Applications. <i>IEEE Access</i> , 2019 , 7, 72761-72769	3.5	11
17	A Patch/Dipole Hybrid-Mode Antenna for Sub-6GHz Communication. <i>Sensors</i> , 2019 , 19,	3.8	5
16	A Left/Right-Handed Dual Circularly-Polarized Antenna With Duplexing and Filtering Performance. <i>IEEE Access</i> , 2019 , 7, 35431-35437	3.5	18
15	Conformal platform-embedded horn antenna with ultra-wide bandwidth and low profile. <i>IET Microwaves, Antennas and Propagation</i> , 2019 , 13, 1711-1718	1.6	1
14	A Low-Profile Antenna With Omnidirectional and Unidirectional Radiation Patterns Over Two Operation Bands. <i>IEEE Access</i> , 2019 , 7, 182691-182700	3.5	3
13	Wideband circularly polarised patch antenna with multi-section $\lambda/4$ transmission lines. <i>Electronics Letters</i> , 2019 , 55, 1172-1174	1.1	0
12	A 0.1 to 2.7-GHz SOI SP8T antenna switch adopting body self-adapting bias technique for low-loss high-power applications. <i>International Journal of Circuit Theory and Applications</i> , 2018 , 46, 827-841	2	0

11	A 40GHz on-chip power combine load for mm-wave power amplifier. <i>Microwave and Optical Technology Letters</i> , 2018 , 60, 975-979	1.2	1
10	Wireless Passive Ultra High Frequency RFID Antenna Sensor for Surface Crack Monitoring and Quantitative Analysis. <i>Sensors</i> , 2018 , 18,	3.8	24
9	Feature Extraction for Robust Crack Monitoring Using Passive Wireless RFID Antenna Sensors. <i>IEEE Sensors Journal</i> , 2018 , 18, 6273-6280	4	12
8	Dual-Beam Filtering Patch Antennas for Wireless Communication Application. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 3730-3734	4.9	43
7	Design Considerations of Charge Pump for Antenna Switch Controller With SOI CMOS Technology. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2017 , 64, 229-233	3.5	2
6	Dual SPDT/SP3T SOI CMOS switch adopting alternative bias strategy with enhanced performance compared to the conventional case. <i>IEICE Electronics Express</i> , 2016 , 13, 20160322-20160322	0.5	1
5	A compact multi-mode multi-band power amplifier with harmonic-suppression matching networks for GSM/TD-SCDMA/LTE terminals. <i>IEICE Electronics Express</i> , 2016 , 13, 20161033-20161033	0.5	
4	Effects and contrasts of silicon-on-insulator floating-body and body-contacted field-effect transistors to the design of high-performance antenna switches. <i>IET Microwaves, Antennas and Propagation</i> , 2016 , 10, 507-516	1.6	4
3	Enhanced ESD power clamp for antenna switch controller with SOI CMOS technology. <i>Electronics Letters</i> , 2015 , 51, 871-872	1.1	8
2	A novel body self-biased technique for enhanced RF performance of a SP8T antenna switch in partially depleted CMOS-SOI technology 2014 ,		2
1	Ka-band GaAs MMIC Driver Amplifier Design		1