

Gary Zhang

List of Publications by Year in descending order

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304
citing authors

#	ARTICLE	IF	CITATIONS
1	Dual-Beam Filtering Patch Antennas for Wireless Communication Application. IEEE Transactions on Antennas and Propagation, 2018, 66, 3730-3734.	3.1	67
2	Wireless Passive Ultra High Frequency RFID Antenna Sensor for Surface Crack Monitoring and Quantitative Analysis. Sensors, 2018, 18, 2130.	2.1	37
3	A Left/Right-Handed Dual Circularly-Polarized Antenna With Duplexing and Filtering Performance. IEEE Access, 2019, 7, 35431-35437.	2.6	31
4	Feature Extraction for Robust Crack Monitoring Using Passive Wireless RFID Antenna Sensors. IEEE Sensors Journal, 2018, 18, 6273-6280.	2.4	19
5	Compact Dual-Polarized Antenna for Dual-Band Full-Duplex Base Station Applications. IEEE Access, 2019, 7, 72761-72769.	2.6	19
6	A Compact Slotted Patch Hybrid-Mode Antenna for Sub-6GHz Communication. International Journal of Antennas and Propagation, 2020, 2020, 1-8.	0.7	16
7	A Patch/Dipole Hybrid-Mode Antenna for Sub-6GHz Communication. Sensors, 2019, 19, 1358.	2.1	13
8	Design of Fast Transient Response Voltage-Mode Buck Converter With Hybrid Feedforward and Feedback Technique. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 780-790.	3.7	13
9	Design of broadband high-gain GaN MMIC power amplifier based on reactive/resistive matching and feedback technique. IEICE Electronics Express, 2021, 18, 20210313-20210313.	0.3	13
10	Compact Normal-Mode Hybrid-Helix Antenna and Its Application to Circularly Polarized Yagi Array. IEEE Transactions on Antennas and Propagation, 2021, 69, 5986-5991.	3.1	12
11	Enhanced ESD power clamp for antenna switch controller with SOI CMOS technology. Electronics Letters, 2015, 51, 871-872.	0.5	11
12	Effects and contrasts of silicon insulator floating body and body-contacted field-effect transistors to the design of high-performance antenna switches. IET Microwaves, Antennas and Propagation, 2016, 10, 507-516.	0.7	11
13	A Low-Profile Antenna With Omnidirectional and Unidirectional Radiation Patterns Over Two Operation Bands. IEEE Access, 2019, 7, 182691-182700.	2.6	9
14	A Dual-Beam Wideband Filtering Patch Antenna With Absorptive Band-Edge Radiation Nulls. IEEE Transactions on Antennas and Propagation, 2021, 69, 8926-8931.	3.1	8
15	A novel body self-biased technique for enhanced RF performance of a SP8T antenna switch in partially depleted CMOS-SOI technology. , 2014, , .		7
16	Dual SPDT/SP3T SOI CMOS switch adopting alternative bias strategy with enhanced performance compared to the conventional case. IEICE Electronics Express, 2016, 13, 20160322-20160322.	0.3	6
17	A Single-Layer Dual-Band Dual-Sense Circularly Polarized Patch Antenna Array With Small Frequency Ratio. IEEE Transactions on Antennas and Propagation, 2022, 70, 2668-2675.	3.1	6
18	Design Considerations of Charge Pump for Antenna Switch Controller With SOI CMOS Technology. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 229-233.	2.2	5

#	ARTICLE	IF	CITATIONS
19	Ka-band GaAs MMIC Driver Amplifier Design. , 2020, , .		4
20	A 0.1 to 2.7 GHz SOI SP8T antenna switch adopting body self-adapting bias technique for low-loss high-power applications. International Journal of Circuit Theory and Applications, 2018, 46, 827-841.	1.3	3
21	A 40 GHz on-chip power combine load for mm-wave power amplifier. Microwave and Optical Technology Letters, 2018, 60, 975-979.	0.9	3
22	Dual-wideband dual-polarized rhombic antenna array for base-station applications. Microwave and Optical Technology Letters, 2022, 64, 1090-1096.	0.9	3
23	Conformal platform-embedded horn antenna with ultra-wide bandwidth and low profile. IET Microwaves, Antennas and Propagation, 2019, 13, 1711-1718.	0.7	2
24	A compact hybrid envelope tracking supply modulator with wide-band high-slew-rate linear amplifier. IEICE Electronics Express, 2020, 17, 20200121-20200121.	0.3	2
25	Dual-mode linearity enhanced power amplifier with wideband AM-PM compensation for 5-6 GHz FeLAA applications. Electronics Letters, 2022, 58, 188-190.	0.5	2
26	Efficient Analysis of Compact Vias in an Arbitrarily Shaped Plate Pair by Hybrid Boundary-Integral and Finite-Element Method. IEEE Access, 2019, 7, 59394-59402.	2.6	1
27	Wideband circularly polarised patch antenna with multi-section $\lambda/4$ transmission lines. Electronics Letters, 2019, 55, 1172-1174.	0.5	1
28	A Dual-Band Base Station Antenna with a Split Ring for Sub-6 GHz Communication. International Journal of Antennas and Propagation, 2021, 2021, 1-8.	0.7	1
29	Linearly and circularly polarized filtering patch antennas with enhanced gain selectivity on a single-layer substrate. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, .	0.8	1
30	Effect of uniaxial compressive stress with different orientations on the hole mobility of wurtzite GaN heterojunction quantum well. AIP Advances, 2022, 12, 075113.	0.6	1
31	A novel low-loss high-isolation DP5T SOI CMOS switch in MCM for multi-band applications. , 2015, , .		0
32	A compact multi-mode multi-band power amplifier with harmonic-suppression matching networks for GSM/TD-SCDMA/LTE terminals. IEICE Electronics Express, 2016, 13, 20161033-20161033.	0.3	0
33	Directed Gain Bandwidth Enhancement in Patch/Slot Hybrid Antenna. , 2018, , .		0
34	Ka-band 1 W GaN MMIC Power Amplifier Design. , 2021, , .		0
35	Normal-Mode Circularly Polarized Helix Antenna and Its Application to End-Fire Array. , 2021, , .		0