

# Xiong Chen

## List of Publications by Year in descending order

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times ranked

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#	ARTICLE	IF	CITATIONS
1	Passive Intermodulation on Coaxial Connector Under Electro-Thermal-Mechanical Multiphysics. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 169-177.	4.6	12
2	FR4-Based Low Phase Noise SISL VCO Using Tunable Weakly Coupled Resonators. IEEE Microwave and Wireless Components Letters, 2022, 32, 72-75.	3.2	5
3	Broadband Mechanical Intermodulation Tuner Using Reconfigurable Distributed Nonlinearity. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 5-13.	4.6	4
4	A compact low-cost dual-band bandpass filter with enhanced suppression using substrate integrates suspended line technology. Microwave and Optical Technology Letters, 2022, 64, 276-282.	1.4	2
5	Directional passive intermodulation effect by distributed nonlinearities in two-port network. Microwave and Optical Technology Letters, 2021, 63, 793-797.	1.4	1
6	WLAN MIMO Device Performance Evaluation Using Improved RTS Measurement. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-8.	4.7	2
7	Waveguide Cell with Water Filling for Passive Intermodulation Localization on Planar Circuits. IEEE Microwave and Wireless Components Letters, 2021, , 1-1.	3.2	1
8	Theoretical Frequency-dependent Passive Intermodulation on Coaxial Structure. , 2021, , .		0
9	Channel Modeling of Multilayer PCB with Nonhomogeneous Substrates using Neural Network. , 2021, , .		0
10	High Frequency Resistance of Oxidized Metal Surface in Microwave Applications. , 2021, , .		0
11	Simulation of ACLR in Wideband Communication System by Passive Nonlinear Distortion Effect. , 2021, , .		0
12	Empirical Modeling of Contact Intermodulation Effect on Coaxial Connectors. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 5091-5099.	4.7	20
13	Passive Intermodulation Source Localization Based on Emission Source Microscopy. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 266-271.	2.2	13
14	Balanced Intermodulation Reference With Flat Frequency Response Using Nonlinearity Equalization. IEEE Transactions on Electromagnetic Compatibility, 2020, 62, 2634-2637.	2.2	1
15	Empirical Passive Intermodulation Multiphysics Modeling Using Design of Experiment Method. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 9371-9373.	4.7	5
16	Calculation of passive intermodulation product on nonlinear area source using reciprocity principle. Microwave and Optical Technology Letters, 2020, 62, 3401-3406.	1.4	0
17	Electrical Intermodulation Tuner by Multiple Nonlinearities Superposition Using Star Topology. IEEE Transactions on Instrumentation and Measurement, 2020, 69, 3951-3953.	4.7	3
18	Photocharge-Modulated Passive Intermodulation on Ag <sub>2</sub> O/Ag Junction in High-Power Microwave Devices. IEEE Microwave and Wireless Components Letters, 2020, 30, 268-271.	3.2	3

#	ARTICLE	IF	CITATIONS
19	Compact Passive Intermodulation Mitigation Method using Planar Nonlinearity Injection. , 2020, , .		1
20	Thermal Effect Impact to Coaxial Connector in Microwave Connection Applications. , 2020, , .		2
21	Overview of PIM test calibrations with its improvement by tunable PIM standard. , 2020, , .		2
22	Coplanar Intermodulation Reference Generator Using Substrate Integrated Waveguide With Integrated Artificial Nonlinear Dipole. IEEE Transactions on Electromagnetic Compatibility, 2019, 61, 969-972.	2.2	3
23	Compact Intermodulation Modulator for Phase Reference in Passive Intermodulation Measurements. IEEE Transactions on Instrumentation and Measurement, 2019, 68, 4612-4614.	4.7	7
24	Analytic Passive Intermodulation Behavior on the Coaxial Connector Using Monte Carlo Approximation. IEEE Transactions on Electromagnetic Compatibility, 2018, 60, 1207-1214.	2.2	35
25	Statistical Passive Intermodulation Behavior on Coaxial Connector. , 2018, , .		3
26	Design of Bidirectional Intermodulation Generator for Passive Intermodulation Calibration. , 2018, , .		1
27	Tunable Intermodulation Generator for Passive Intermodulation Tester Calibration. , 2018, , .		1
28	Reconfigurable Passive Intermodulation Behavior on Nickel-Coated Cell Array. IEEE Transactions on Electromagnetic Compatibility, 2017, 59, 1027-1034.	2.2	24
29	Reflection modulation basis dualâ€port intermodulation generator for dynamic calibration application in passive intermodulation measurements. IET Microwaves, Antennas and Propagation, 2017, 11, 529-534.	1.4	6
30	Broadband Dual-Port Intermodulation Generator for Passive Intermodulation Measurements. IEEE Microwave and Wireless Components Letters, 2017, 27, 518-520.	3.2	16
31	Novel Programmable Passive Intermodulation Generator Using Nonlinear Rotating Disk. IEEE Microwave and Wireless Components Letters, 2017, 27, 945-947.	3.2	18
32	Online passive intermodulation test method for conductive coatings. Electronics Letters, 2017, 53, 165-167.	1.0	7
33	A tunable reflectionâ€type filtering phase shifter using SISL technology. Microwave and Optical Technology Letters, 0, , .	1.4	0