

# Peng Yang

## List of Publications by Year in descending order

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citations

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docs citations

25  
times ranked

271  
citing authors

#	ARTICLE	IF	CITATIONS
1	Phase Modulation Technique for Harmonic Beamforming in Time-Modulated Arrays. IEEE Transactions on Antennas and Propagation, 2022, 70, 1976-1988.	5.1	15
2	Design of Phase Modulation Antenna Array With Stable Overall Efficiencies. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 282-286.	4.0	5
3	A Hybrid Approach for the Synthesis of Nonuniformly-Spaced Linear Subarrays. IEEE Transactions on Antennas and Propagation, 2021, 69, 195-205.	5.1	10
4	Generalized Closed-Form Sidebandsâ€™ Radiation Expressions for 4-D Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2021, 69, 1193-1197.	5.1	8
5	Design and Experiment of Reduced-Dimension Adaptive Array Based on FIR Filters. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 204-208.	4.0	1
6	A Low Cost, Low in-Band RCS Microstrip Phased-Array Antenna With Integrated 2-bit Phase Shifter. IEEE Transactions on Antennas and Propagation, 2021, 69, 4517-4526.	5.1	30
7	Calculation of the Total Radiated Power for 4-D Antenna Arrays With Arbitrary Time Modulated Waveform. IEEE Transactions on Antennas and Propagation, 2021, 69, 9015-9020.	5.1	3
8	Design of a Miniaturized Dielectric Nanoantenna and Synthesis of a Two-Dimensional Nanophotonic Array Based on Particle Swarm Optimization. , 2018, , .		1
9	In-Band RCS Reduction of Microstrip Patch Array Antenna Using Polarization Reconfigurable Technique. , 2018, , .		0
10	A Wideband Strongly Coupled Magnetic Resonance Wireless Power Transfer System and Its Circuit Analysis. IEEE Microwave and Wireless Components Letters, 2018, 28, 1152-1154.	3.2	30
11	Antenna design for a smartphone with a full metal casing and a narrow frame. IET Microwaves, Antennas and Propagation, 2018, 12, 1316-1323.	1.4	6
12	Synthesis of Pattern Reconfigurable Sparse Arrays With Multiple Measurement Vectors FOCUSS Method. IEEE Transactions on Antennas and Propagation, 2017, 65, 602-611.	5.1	30
13	Control of scattering patterns of a phased array with switches loaded annular slot elements. , 2017, , .		2
14	Synthesis of planar sparse arrays by perturbed compressive sampling framework. IET Microwaves, Antennas and Propagation, 2016, 10, 1146-1153.	1.4	24
15	ADI Scheme of a Nonstandard FDTD Method and Its Numerical Properties. IEEE Transactions on Antennas and Propagation, 2016, 64, 4365-4373.	5.1	2
16	RCS reduction of circularly polarized concentric ring array with randomly rotated microstrip antenna elements. , 2016, , .		2
17	Pattern reconfigurable sparse array synthesis with multiple measurement vectors FOCUSS method. , 2016, , .		3
18	Microstrip Phased-Array In-Band RCS Reduction With a Random Element Rotation Technique. IEEE Transactions on Antennas and Propagation, 2016, 64, 2513-2518.	5.1	62

#	ARTICLE	IF	CITATIONS
19	Epsilon-Negative Transmission-Line-Based Annular-Ring-Loaded Circular Microstrip Antenna With Improved Performances. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1799-1802.	4.0	6
20	Sparse array synthesis using off-grid technique. , 2015, , .		0
21	Dual-band dual-polarization reflectarray design with a large offset feed angle. , 2014, , .		1
22	Analysis of Signal Transmission for Use of Logging While Drilling. IEEE Geoscience and Remote Sensing Letters, 2013, 10, 1001-1005.	3.1	13
23	A simple wideband dual-polarized array with connected elements. , 2013, , .		0
24	DOA estimation of wideband signal sources by using PM-CSM on real antenna array. , 2012, , .		2
25	Low-Profile Microstrip Antenna with Bandwidth Enhancement for Radio Frequency Identification Applications. Electromagnetics, 2012, 32, 244-253.	0.7	10