

# Peng Yang

## List of Publications by Year in descending order

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25  
papers

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citations

1040056

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docs citations

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times ranked

271  
citing authors

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 1  | 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        |
| 2  | 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        |
| 3  | 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        |
| 4  | 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        |
| 5  | Synthesis of planar sparse arrays by perturbed compressive sampling framework. IET Microwaves, Antennas and Propagation, 2016, 10, 1146-1153.   | 1.4 | 24        |
| 6  | Phase Modulation Technique for Harmonic Beamforming in Time-Modulated Arrays. IEEE Transactions on Antennas and Propagation, 2022, 70, 1976-1988.   | 5.1 | 15        |
| 7  | Analysis of Signal Transmission for Use of Logging While Drilling. IEEE Geoscience and Remote Sensing Letters, 2013, 10, 1001-1005.   | 3.1 | 13        |
| 8  | Low-Profile Microstrip Antenna with Bandwidth Enhancement for Radio Frequency Identification Applications. Electromagnetics, 2012, 32, 244-253.   | 0.7 | 10        |
| 9  | A Hybrid Approach for the Synthesis of Nonuniformly-Spaced Linear Subarrays. IEEE Transactions on Antennas and Propagation, 2021, 69, 195-205.  | 5.1 | 10        |
| 10 | Generalized Closed-Form Sidebandsâ€™ Radiation Expressions for 4-D Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2021, 69, 1193-1197.                                    | 5.1 | 8         |
| 11 | 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         |
| 12 | 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         |
| 13 | Design of Phase Modulation Antenna Array With Stable Overall Efficiencies. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 282-286.   | 4.0 | 5         |
| 14 | Pattern reconfigurable sparse array synthesis with multiple measurement vectors FOCUSS method. , 2016, , .  |     | 3         |
| 15 | 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         |
| 16 | DOA estimation of wideband signal sources by using PM-CSM on real antenna array. , 2012, , .  |     | 2         |
| 17 | ADI Scheme of a Nonstandard FDTD Method and Its Numerical Properties. IEEE Transactions on Antennas and Propagation, 2016, 64, 4365-4373.   | 5.1 | 2         |
| 18 | RCS reduction of circularly polarized concentric ring array with randomly rotated microstrip antenna elements. , 2016, , .  |     | 2         |

| #  | ARTICLE   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Control of scattering patterns of a phased array with switches loaded annular slot elements. , 2017, , .  |     | 2         |
| 20 | Dual-band dual-polarization reflectarray design with a large offset feed angle. , 2014, , .   |     | 1         |
| 21 | Design of a Miniaturized Dielectric Nanoantenna and Synthesis of a Two-Dimensional Nanophotonic Array Based on Particle Swarm Optimization. , 2018, , . |     | 1         |
| 22 | 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         |
| 23 | A simple wideband dual-polarized array with connected elements. , 2013, , .   |     | 0         |
| 24 | Sparse array synthesis using off-grid technique. , 2015, , .  |     | 0         |
| 25 | In-Band RCS Reduction of Microstrip Patch Array Antenna Using Polarization Reconfigurable Technique. , 2018, , .  |     | 0         |