

# Jun Ding

## List of Publications by Year in descending order

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#	ARTICLE	IF	CITATIONS
1	A Wideband Low-RCS Metasurface-Inspired Circularly Polarized Slot Array Based on AI-Driven Antenna Design Optimization Algorithm. IEEE Transactions on Antennas and Propagation, 2022, 70, 8584-8589.	5.1	11
2	A Broadband Low-RCS Metasurface for CP Patch Antennas. IEEE Transactions on Antennas and Propagation, 2021, 69, 3529-3534.	5.1	39
3	Dual-band orthogonal polarised shared aperture array with shared elements. Electronics Letters, 2021, 57, 197-199.	1.0	0
4	Radiation-enhanced dual-inverted bowlers antenna for high-power mesoband system. Review of Scientific Instruments, 2021, 92, 024710.	1.3	3
5	Low-Profile Circularly Polarized Array With Gain Enhancement and RCS Reduction Using Polarization Conversion EBG Structures. IEEE Transactions on Antennas and Propagation, 2020, 68, 2440-2445.	5.1	56
6	A simple filtering lumped impedance transformer with controllable center frequency and bandwidth for complex load. Microwave and Optical Technology Letters, 2020, 62, 118-124.	1.4	0
7	A novel frequency scanning monopulse slotted waveguides array with enhanced scan sector. Microwave and Optical Technology Letters, 2020, 62, 3960-3965.	1.4	0
8	Dual-band broadband highly efficient reflective multi-polarisation converter based on multi-order plasmon resonant metasurface. IET Microwaves, Antennas and Propagation, 2020, 14, 967-972.	1.4	26
9	Low-Profile Wideband High-Gain and Low-RCS Circularly Polarized Array Using Checkerboard Polarization Rotators. , 2020, , .		1
10	Use of non-uniform RIS and parasitic strips to improve antenna CP performance. IET Microwaves, Antennas and Propagation, 2020, 14, 1795-1802.	1.4	0
11	Miniaturized Broadband Slot-Coupled Antenna With Metamaterial Loading. , 2019, , .		0
12	An improved dual-band shared aperture waveguide slot array antenna. Microwave and Optical Technology Letters, 2019, 61, 2477-2481.	1.4	4
13	A fully reconfigurable bandpass-to-bandpass-with-embedded-stopband filter with an ultra-wide 0.09~1.41 GHz bandwidth tuning range. International Journal of Microwave and Wireless Technologies, 2019, 11, 899-908.	1.9	0
14	Dual-band metasurface-based CP low-profile patch antenna with parasitic elements. IET Microwaves, Antennas and Propagation, 2019, 13, 2360-2364.	1.4	8
15	An Improved Broadband Multi-layer Dual-polarized Antenna for UAV Radars. , 2019, , .		2
16	Design of Filtering Patch Antenna With U-Slots. , 2019, , .		0
17	A Novel Dual-transmitted Wireless Power Transfer with High Lateral Misalignment Tolerance. , 2019, , .		2
18	A 0.61~2.39 GHz fully tunable bandpass filter with minimum number of loaded varactors. Microwave and Optical Technology Letters, 2019, 61, 469-473.	1.4	4

#	ARTICLE	IF	CITATIONS
19	A fully reconfigurable bandpass notch filter with wide bandwidth tuning range based on external quality factor tuning and multiple mode resonator. Microwave and Optical Technology Letters, 2019, 61, 1253-1258.	1.4	3
20	Dual-band planar antenna loaded with CRLH unit cell for WLAN/WiMAX application. IET Microwaves, Antennas and Propagation, 2018, 12, 132-136.	1.4	24
21	Broadband radar cross-section reduction using polarization conversion metasurface. International Journal of Microwave and Wireless Technologies, 2018, 10, 197-206.	1.9	26
22	Wideband and low RCS planar circularly polarized array based on polarization conversion of metasurface. Microwave and Optical Technology Letters, 2018, 60, 784-789.	1.4	12
23	Wideband and low RCS circularly polarized slot antenna based on polarization conversion of metasurface for satellite communication application. Microwave and Optical Technology Letters, 2018, 60, 679-685.	1.4	29
24	Wideband and High-Efficiency Reflective Polarization Conversion Metasurface Based on Anisotropic Metamaterials. Journal of Electronic Materials, 2018, 47, 2658-2666.	2.2	23
25	High gain low profile wideband dual-layered substrate microstrip antenna based on multiple parasitic elements. International Journal of Microwave and Wireless Technologies, 2018, 10, 453-459.	1.9	2
26	Wideband low-profile aperture-coupled circularly polarized antenna based on metasurface. International Journal of Microwave and Wireless Technologies, 2018, 10, 851-859.	1.9	6
27	A fully tunable two-pole bandpass filter with wide tuning range based on half mode substrate integrated waveguide. Microwave and Optical Technology Letters, 2018, 60, 865-870.	1.4	7
28	Wideband and high efficiency reflective polarization rotator based on metasurface. Journal of Electromagnetic Waves and Applications, 2018, 32, 265-273.	1.6	16
29	A Fully Tunable Bandpass Filter Using A Varactor-Tuned Short-Stub Loaded Resonator. , 2018, , .		3
30	Dual-Band Circular Polarization Reconfigurable Antenna. , 2018, , .		1
31	A Novel C/Ku Dual-Band Dual-Polarized Shared Aperture Antenna for SAR Applications. , 2018, , .		1
32	Frequency-Reconfigurable Slot Antenna Using Metasurface. , 2018, , .		2
33	Wideband Metasurface-Based Reflective Polarization Converter for Linear-to-Linear and Linear-to-Circular Polarization Conversion. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 1459-1463.	4.0	162
34	Sidelobe suppression with constraint for MIMO radar via chaotic whale optimisation. Electronics Letters, 2018, 54, 311-313.	1.0	13
35	A CPW-fed uniplanar dual-band tri-polarization diversity antenna based on PIN diode for the wireless communication. International Journal of Microwave and Wireless Technologies, 2017, 9, 1695-1703.	1.9	1
36	Dual-layered polarization and frequency reconfigurable microstrip antenna by rotating breach-truncated circular radiator. International Journal of Microwave and Wireless Technologies, 2017, 9, 1705-1712.	1.9	0

#	ARTICLE	IF	CITATIONS
37	Design of a Quad-Band Wide-Angle Microwave Metamaterial Absorber. Journal of Electronic Materials, 2017, 46, 370-376.	2.2	11
38	Synthesis of nonuniform sparse linear array antenna using whale optimization algorithm. , 2017, , .		4
39	A single-layer broadband dual-band linearly polarized reflectarray. , 2017, , .		0
40	A dual-band left-handed metamaterial composed of double E-shaped intersections in 3D periodic arrangement. , 2017, , .		0
41	Design of broadband circularly polarized reflectarray with linearly polarized feed. , 2016, , .		4
42	A dual-band polarized diversity microstrip MIMO antenna with high isolation for WLAN application. , 2016, , .		3
43	Ultra-Broadband Backscatter Radar Cross Section Reduction Based on Polarization-Insensitive Metasurface. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 329-331.	4.0	59
44	Pencil beam pattern synthesis of subarrayed planar array. International Journal of RF and Microwave Computer-Aided Engineering, 2015, 25, 56-65.	1.2	3
45	Pattern Synthesis of Sub-Arrayed Monopulse Planar Arrays. Electromagnetics, 2014, 34, 522-535.	0.7	1
46	A novel Mu-negative metamaterial with broad bandwidth. Journal of Modern Optics, 2014, 61, 1656-1664.	1.3	1
47	Pattern synthesis of phase-only reconfigurable linear arrays by nonlinear least-square method. , 2013, , .		1
48	Efficient optimization of shaped-beam sparse linear antenna arrays using genetic algorithm. , 2012, , .		3
49	A Novel Pattern-Reconfigurable Antenna Using Switched Printed Elements. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 1100-1103.	4.0	35
50	FDTD analysis of three-dimensional target covered with inhomogeneous unmagnetized plasma. , 2010, , .		5
51	A single-layer left-handed material of split-square LC resonator coupled with H-shaped structure. , 2010, , .		0
52	A novel printed UWB monopole antenna fed by coaxial cable. , 2010, , .		6
53	Simulations and analysis with FDTD method for aperture coupling properties in shielding cavity. , 2009, , .		0
54	Computer derivation of the optical transformation in cylindrical and spherical coordinates. , 2008, , .		0

#	ARTICLE	IF	CITATIONS
55	Parametric Analysis of the EBG Structure and Its Application for Low Profile Wire Antennas. , 2008, , .		1