

Y Jay Guo

List of Publications by Year in descending order

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537
times ranked

7692
citing authors

#	ARTICLE	IF	CITATIONS
1	An Universal Circular Synthetic Aperture Radar. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-15.	6.3	2
2	In-Band SCS Reduction of Microstrip Phased Array Based on Impedance Matching Network. IEEE Transactions on Antennas and Propagation, 2022, 70, 330-340.	5.1	13
3	Novel Integrated Framework of Unmanned Aerial Vehicle and Road Traffic for Energy-Efficient Delay-Sensitive Delivery. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 10692-10707.	8.0	5
4	Integrative Transmitarray With Gain-Filtering and Low-Scattering Characteristics. IEEE Transactions on Antennas and Propagation, 2022, 70, 1931-1939.	5.1	5
5	Enabling Joint Communication and Radar Sensing in Mobile Networks—A Survey. IEEE Communications Surveys and Tutorials, 2022, 24, 306-345.	39.4	220
6	A meta-surface loaded, low profile 28 GHz phased array antenna. International Journal of RF and Microwave Computer-Aided Engineering, 2022, 32, e22950.	1.2	2
7	A Vector Modulation Approach for Secure Communications Based on 4-D Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2022, 70, 3723-3732.	5.1	6
8	Millimeter-Wave Cavity-Backed Multi-Linear Polarization Reconfigurable Antenna. IEEE Transactions on Antennas and Propagation, 2022, 70, 2531-2542.	5.1	3
9	Frequency-Hopping MIMO Radar-Based Communications: An Overview. IEEE Aerospace and Electronic Systems Magazine, 2022, 37, 42-54.	1.3	19
10	An Irregular Tiled Array Technique for Massive MIMO Systems. IEEE Transactions on Wireless Communications, 2022, 21, 4509-4521.	9.2	8
11	Spherical Luneburg Lens of Layered Structure With Low Anisotropy and Low Cost. IEEE Transactions on Antennas and Propagation, 2022, 70, 4307-4318.	5.1	11
12	A Novel Metric to Quantify the Real-Time Robustness of Complex Networks With Respect to Epidemic Models. Frontiers in Physics, 2022, 9, .	2.1	0
13	Integrating Secure Communications Into Frequency Hopping MIMO Radar With Improved Data Rate. IEEE Transactions on Wireless Communications, 2022, 21, 5392-5405.	9.2	7
14	Synthesizing Circularly Polarized Multi-Beam Planar Dipole Arrays With Sidelobe and Cross-Polarization Control by Two-Step Element Rotation and Phase Optimization. IEEE Transactions on Antennas and Propagation, 2022, 70, 4379-4391.	5.1	2
15	Conformal Transmitarrays for Unmanned Aerial Vehicles Aided 6G Networks. IEEE Communications Magazine, 2022, 60, 14-20.	6.1	14
16	Integrating Low-Complexity and Flexible Sensing Into Communication Systems. IEEE Journal on Selected Areas in Communications, 2022, 40, 1873-1889.	14.0	17
17	Dual-Polarized Nonuniform Fabry-Pérot Cavity Antenna With Flat-Topped Radiation Pattern. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1060-1064.	4.0	4
18	Radio Frequency Camera: A Noncoherent Circular Array SAR With Uncoordinated Illuminations. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-14.	6.3	1

#	ARTICLE	IF	CITATIONS
19	Joint Communications and Sensing Employing Multi- or Single-Carrier OFDM Communication Signals: A Tutorial on Sensing Methods, Recent Progress and a Novel Design. <i>Sensors</i> , 2022, 22, 1613.	3.8	8
20	Analog-Domain Suppression of Strong Interference Using Hybrid Antenna Array. <i>Sensors</i> , 2022, 22, 2417.	3.8	3
21	3-D Millimeter-Wave Helical Imaging. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2022, 70, 2499-2511.	4.6	1
22	Wideband Hybrid Couplers With Unequal Power Division/Arbitrary Output Phases and Applications to Miniaturized Nolen Matrices. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2022, 70, 3040-3053.	4.6	16
23	Efficient Secure Communication in 4-D Antenna Arrays Through Joint Space-Time Modulation. <i>IEEE Transactions on Antennas and Propagation</i> , 2022, 70, 7046-7056.	5.1	3
24	Low-Scattering-Cross Section Thinned Phased Array Antenna Based on Active Cancellation Technique. <i>IEEE Transactions on Antennas and Propagation</i> , 2022, 70, 5481-5490.	5.1	6
25	Ultralow Scattering Design of Wideband Conformal Arrays Based on Optimally Loaded Resistors. <i>IEEE Transactions on Antennas and Propagation</i> , 2022, 70, 6692-6702.	5.1	4
26	Current Sheet Antenna Array and 5G: Challenges, Recent Trends, Developments, and Future Directions. <i>Sensors</i> , 2022, 22, 3329.	3.8	4
27	A Polarization Programmable Antenna Array. <i>Engineering</i> , 2022, 16, 100-114.	6.7	2
28	An Embedded Dual-Band Base Station Antenna Array Employing Choked Bowl-Shaped Antenna for Cross-Band Scattering Mitigation. , 2022, , .		2
29	High-Gain Multi-Linear Polarization Reconfigurable Antenna in the Millimeter-Wave Band. , 2022, , .		1
30	Integrated Radar and Communication Design With Low Probability of Intercept Based on 4-D Antenna Arrays. <i>IEEE Transactions on Antennas and Propagation</i> , 2022, 70, 8496-8506.	5.1	1
31	High-Tc Superconducting Microwave and Millimeter Devices and Circuits—An Overview. <i>IEEE Journal of Microwaves</i> , 2022, 2, 374-388.	6.5	1
32	Conformal Array Antenna for Applications in Wide-Scanning Phased Array Antenna Systems. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022, 21, 1762-1766.	4.0	10
33	A Panoramic Synthetic Aperture Radar. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2022, 60, 1-13.	6.3	2
34	On the Impacts of I/Q Imbalance in Analog Least Mean Square Adaptive Filter for Self-Interference Cancellation in Full-Duplex Radios. <i>IEEE Transactions on Vehicular Technology</i> , 2022, 71, 10683-10693.	6.3	4
35	Synthesis of Multibeam Sparse Circular-Arc Antenna Arrays Employing Refined Extended Alternating Convex Optimization. <i>IEEE Transactions on Antennas and Propagation</i> , 2021, 69, 566-571.	5.1	9
36	Towards 6G wireless communication networks: vision, enabling technologies, and new paradigm shifts. <i>Science China Information Sciences</i> , 2021, 64, 1.	4.3	858

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37	Gaussian-Mixture-Model Based Clutter Suppression in Perceptive Mobile Networks. IEEE Communications Letters, 2021, 25, 152-156.	4.1	8
38	Design of Sum and Difference Patterns by Optimizing Element Rotations and Positions for Linear Dipole Array. IEEE Transactions on Antennas and Propagation, 2021, 69, 3027-3032.	5.1	10
39	A High-Efficiency Conformal Transmitarray Antenna Employing Dual-Layer Ultrathin Huygens Element. IEEE Transactions on Antennas and Propagation, 2021, 69, 848-858.	5.1	59
40	An Epsilon-Near-Zero (ENZ) Based, Ultra-Wide Bandwidth Terahertz Single-Polarization Single-Mode Photonic Crystal Fiber. Journal of Lightwave Technology, 2021, 39, 223-232.	4.6	10
41	ALMS Loop Analyses With Higher-Order Statistics and Strategies for Joint Analog and Digital Self-Interference Cancellation. IEEE Transactions on Wireless Communications, 2021, 20, 6467-6480.	9.2	6
42	Quasi-Optical Multi-Beam Antenna Technologies for 5G and 6G mmWave and THz Networks: A Review. IEEE Open Journal of Antennas and Propagation, 2021, 2, 807-830.	3.7	84
43	An Elliptical Cylindrical Shaped Transmitarray for Wide-Angle Multibeam Applications. IEEE Transactions on Antennas and Propagation, 2021, 69, 7023-7028.	5.1	21
44	Dual-Polarized Filtering Transmitarray Antennas With Low-Scattering Characteristic. IEEE Transactions on Antennas and Propagation, 2021, 69, 7965-7970.	5.1	13
45	In-Band Scattering and Radiation Tradeoff of Broadband Phased Arrays Based on Scattering-Matrix Approach. IEEE Transactions on Antennas and Propagation, 2021, 69, 7486-7496.	5.1	11
46	Dual-Band and Tri-Band Balanced-to-Single Ended Power Dividers With Wideband Common-Mode Suppression. IEEE Transactions on Circuits and Systems II: Express Briefs, 2021, 68, 2332-2336.	3.0	15
47	IDE: Image Dehazing and Exposure Using an Enhanced Atmospheric Scattering Model. IEEE Transactions on Image Processing, 2021, 30, 2180-2192.	9.8	101
48	Circuit Type Multiple Beamforming Networks for Antenna Arrays in 5G and 6G Terrestrial and Non-Terrestrial Networks. IEEE Journal of Microwaves, 2021, 1, 704-722.	6.5	63
49	Wideband Dual-Layer Huygens's™ Metasurface for High-Gain Multibeam Array Antennas. IEEE Transactions on Antennas and Propagation, 2021, 69, 7521-7531.	5.1	29
50	Lightweight, Solderless, Ultrawideband Transmitarray Antenna With True-Time-Delay Line. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 2245-2249.	4.0	6
51	Efficient Synthesis of Filter-and-Sum Array With Scanned Wideband Frequency-Invariant Beam Pattern and Space-Frequency Notching. IEEE Signal Processing Letters, 2021, 28, 384-388.	3.6	6
52	High-Gain Single-Feed Overmoded Cavity Antenna with Closely-Spaced Phased Patch Surface. IEEE Transactions on Antennas and Propagation, 2021, , 1-1.	5.1	0
53	A <sc>lowεprofile wideεscanning</sc> fully metallic lens antenna for <sc>5G</sc> communication. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22584.	1.2	3
54	Analog Least Mean Square Adaptive Filtering for Self-Interference Cancellation in Full Duplex Radios. IEEE Wireless Communications, 2021, 28, 12-18.	9.0	17

#	ARTICLE	IF	CITATIONS
55	Cross-Band Interaction Mitigation in Dual-Band Antenna Arrays for 4G/5G and Beyond. , 2021, , .		1
56	A 3-D-Printed Multibeam Spherical Lens Antenna With Ultrawide-Angle Coverage. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 411-415.	4.0	24
57	A Review on Conformal Transmitarrays. , 2021, , .		0
58	Low Scattering Patch Array Antenna Based on Grooved Ground. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 308-312.	4.0	8
59	3D Luneburg Lens Antenna With Layered Structure for High-Gain Communication Systems. , 2021, , .		2
60	Linear Phased Array Antenna Fed by the Modified Dielectric Image Line. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 733-737.	4.0	2
61	High Sensitivity Core-Shell Structure (CSS)-Based Fiber Sensor for Monitoring Analytes in Liquids and Gases. Journal of Lightwave Technology, 2021, 39, 3319-3329.	4.6	4
62	Perceptive Mobile Networks: Cellular Networks With Radio Vision via Joint Communication and Radar Sensing. IEEE Vehicular Technology Magazine, 2021, 16, 20-30.	3.4	85
63	Transmit Beamforming for Communication and Self-Interference Cancellation in Full Duplex MIMO Systems: A Trade-Off Analysis. IEEE Transactions on Wireless Communications, 2021, 20, 3760-3769.	9.2	13
64	Ultrawideband Conformal Transmitarray Employing Connected Slot-Bowtie Elements. IEEE Transactions on Antennas and Propagation, 2021, 69, 3273-3283.	5.1	14
65	Efficient Shaped Pattern Synthesis for Time Modulated Antenna Arrays Including Mutual Coupling by Differential Evolution Integrated With FFT via Least-Square Active Element Pattern Expansion. IEEE Transactions on Antennas and Propagation, 2021, 69, 4223-4228.	5.1	8
66	A Thinned Irregular Array Synthesis Approach Based on Benders Decomposition. IEEE Transactions on Antennas and Propagation, 2021, 69, 3875-3885.	5.1	4
67	One-dimensional conformal ultra-wideband connected slot arrays with reduced scattering. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22802.	1.2	0
68	Synthesis of Irregular Phased Arrays Subject to Constraint on Directivity via Convex Optimization. IEEE Transactions on Antennas and Propagation, 2021, 69, 4235-4240.	5.1	23
69	High-Directivity Optimization Technique for Irregular Arrays Combined With Maximum Entropy Model. IEEE Transactions on Antennas and Propagation, 2021, 69, 3913-3923.	5.1	14
70	Accurate Frequency Estimation With Fewer DFT Interpolations Based on Padé Approximation. IEEE Transactions on Vehicular Technology, 2021, 70, 7267-7271.	6.3	10
71	A Highly Efficient Spherical Luneburg Lens for Low Microwave Frequencies Realized With a Metal-Based Artificial Medium. IEEE Transactions on Antennas and Propagation, 2021, 69, 3758-3770.	5.1	22
72	An 8-10-GHz Low-Loss Image-Reject HTS Mixer Based on Cascaded Josephson Junctions. IEEE Microwave and Wireless Components Letters, 2021, 31, 945-948.	3.2	3

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73	3-D Terahertz Imaging Based on Piecewise Constant Doppler Algorithm and Step-Frequency Continuous-Wave Signaling. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 6771-6783.	6.3	3
74	Reliable Frequency-Hopping MIMO Radar-Based Communications With Multi-Antenna Receiver. IEEE Transactions on Communications, 2021, 69, 5502-5513.	7.8	6
75	Design of a Low-Crosstalk Sub-Wavelength-Pitch Silicon Waveguide Array for Optical Phased Array. IEEE Photonics Journal, 2021, 13, 1-8.	2.0	3
76	Conformal Phased Array Antenna for Unmanned Aerial Vehicle With $\hat{\pm}70^{\circ}$ Scanning Range. IEEE Transactions on Antennas and Propagation, 2021, 69, 4580-4587.	5.1	37
77	Efficient Synthesis of Linearly Polarized Shaped Patterns Using Iterative FFT via Vectorial Least-Square Active Element Pattern Expansion. IEEE Transactions on Antennas and Propagation, 2021, 69, 6040-6045.	5.1	10
78	Joint Resource Management for MC-NOMA: A Deep Reinforcement Learning Approach. IEEE Transactions on Wireless Communications, 2021, 20, 5672-5688.	9.2	33
79	Ultra-wideband dual-polarized transmitarray antenna with Vivaldi elements. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22892.	1.2	0
80	Hybrid Directional Modulation and Beamforming for Physical Layer Security Improvement Through 4-D Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2021, 69, 5903-5912.	5.1	13
81	Analog Self-Interference Cancellation in Dual-Polarization Full-Duplex MIMO Systems. IEEE Communications Letters, 2021, 25, 3075-3079.	4.1	3
82	Reconfigurable Antenna Arrays for Integrated Space and Terrestrial Networks. , 2021, , .		0
83	A Wideband High-Gain Multilinear Polarization Reconfigurable Antenna. IEEE Transactions on Antennas and Propagation, 2021, 69, 4136-4141.	5.1	13
84	A dual-beam lens-free slot-array antenna coupled high-T _c superconducting fundamental mixer at the W-band. Superconductor Science and Technology, 2021, 34, 125006.	3.5	0
85	Fully integrated wideband phased array with large scan range and 5:1 bandwidth. IET Microwaves, Antennas and Propagation, 2021, 15, 1799-1812.	1.4	2
86	Simplified Modeling of Wireless Power Transmission Problem Based on Focused Array Antenna. , 2021, , .		0
87	Wide-Angle and Wideband 1-D Dual-Polarized Linear Phased Array. , 2021, , .		0
88	Conformal Ultra-Wideband Tightly Coupled Arrays With Low-Scattering Characteristics. , 2021, , .		1
89	Design of A Dielectric Dome Lens Antenna With 80° Scanning Ability. , 2021, , .		0
90	Low Scattering X-band Phased Vivaldi Array Antenna. , 2021, , .		1

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91	Dual-Polarized Stacked Patch Phased Array Antenna With Cavity-Backed Configuration. , 2021, , .		1
92	Low-SCS Microstrip Thinned Array. , 2021, , .		1
93	Spiral Choking Method for Scattering Suppression in 4G and 5G Base Station Antenna Arrays. , 2021, , .		0
94	Wideband Phased Arrays with Large Scan Range and Low Profile. , 2021, , .		0
95	1-Bit Reconfigurable Huygens Element for Beam-Steering Transmitarrays. , 2021, , .		1
96	Millimetre-Wave Multi-Beam Shaped Transmitarray with A Wide Beam Coverage. , 2021, , .		0
97	Terahertz Communication Demonstration by using a High-Tc Superconducting Josephson Receiver Integrated with a Miniature Cryocooler. , 2021, , .		0
98	Dual-Band Base Station Antenna Array with Suppressed Cross-Band Mutual Scattering. , 2021, , .		1
99	A Low-Scattering Conformal Phased Array Based on Resistor-Loaded Metasurface. , 2021, , .		0
100	A Wideband Low-Profile Fabry-Perot Antenna Employing a Multi-Resonant Metasurface Based Superstrate. , 2021, , .		0
101	A novel optimization method for sparse array with large element spacing. , 2021, , .		0
102	Composite Right/Left-Handed Leaky-Wave Antennas for Wide-Angle Beam Scanning With Flexibly Chosen Frequency Range. IEEE Transactions on Antennas and Propagation, 2020, 68, 100-110.	5.1	37
103	Reliability Analysis of Large-Scale Adaptive Weighted Networks. IEEE Transactions on Information Forensics and Security, 2020, 15, 651-665.	6.9	10
104	Polarization-Reconfigurable Leaky-Wave Antenna With Continuous Beam Scanning Through Broadside. IEEE Transactions on Antennas and Propagation, 2020, 68, 121-133.	5.1	42
105	Coexistence Performance and Limits of Frame-Based Listen-Before-Talk. IEEE Transactions on Mobile Computing, 2020, 19, 1084-1095.	5.8	3
106	Virtual-Subarray-Based Angle-of-Arrival Estimation in Analog Antenna Arrays. IEEE Wireless Communications Letters, 2020, 9, 194-197.	5.0	6
107	Achieving Wider Bandwidth With Full-Wavelength Dipoles for 5G Base Stations. IEEE Transactions on Antennas and Propagation, 2020, 68, 1119-1127.	5.1	36
108	A Millimeter-Wave GCW-SAR Based on Deramp-on-Receive and Piecewise Constant Doppler Imaging. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 680-690.	6.3	10

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109	Magnetolectric composite coupled by bonding material in energy trapping vibration for RF/microwave devices. Microwave and Optical Technology Letters, 2020, 62, 669-674.	1.4	1
110	Achieving Ultrareliable and Low-Latency Communications in IoT by FD-SCMA. IEEE Internet of Things Journal, 2020, 7, 363-378.	8.7	22
111	Optically Transparent Reflectarray Based on Indium Tin Oxide With Improved Efficiency. IEEE Transactions on Antennas and Propagation, 2020, 68, 3289-3294.	5.1	23
112	High-Gain Filtering Reflectarray Antenna for Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 805-812.	5.1	31
113	A wide-angle scanning ellipsoid lens antenna fed by phased array antenna. International Journal of RF and Microwave Computer-Aided Engineering, 2020, 30, e22127.	1.2	7
114	LPI Beamforming Based on 4-D Antenna Arrays With Pseudorandom Time Modulation. IEEE Transactions on Antennas and Propagation, 2020, 68, 2068-2077.	5.1	19
115	IDGCP: Image Dehazing Based on Gamma Correction Prior. IEEE Transactions on Image Processing, 2020, 29, 3104-3118.	9.8	93
116	Dual-Polarized Multi-Resonance Antennas With Broad Bandwidths and Compact Sizes for Base Station Applications. IEEE Open Journal of Antennas and Propagation, 2020, 1, 11-19.	3.7	34
117	Reduced-Sidelobe Multibeam Array Antenna Based on SIW Rotman Lens. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 188-192.	4.0	45
118	Continuous Backward-to-Forward Scanning 1-D Slot-Array Leaky-Wave Antenna With Improved Gain. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 89-93.	4.0	30
119	340 GHz Double-Sideband Mixer Based on Antenna-Coupled High-Temperature Superconducting Josephson Junction. IEEE Transactions on Terahertz Science and Technology, 2020, 10, 21-31.	3.1	20
120	Enabling Ultrareliable and Low-Latency Communications Under Shadow Fading by Massive MU-MIMO. IEEE Internet of Things Journal, 2020, 7, 234-246.	8.7	53
121	Refinement of Optimal Interpolation Factor for DFT Interpolated Frequency Estimator. IEEE Communications Letters, 2020, 24, 782-786.	4.1	18
122	Scattering Suppression in a 4G and 5G Base Station Antenna Array Using Spiral Chokes. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1818-1822.	4.0	61
123	Improved Beam-Scannable Ultra-Wideband Sparse Antenna Arrays by Iterative Convex Optimization Based on Raised Power Series Representation. IEEE Transactions on Antennas and Propagation, 2020, 68, 5696-5701.	5.1	7
124	2-D Wide-Scanning Flat Luneburg Lens Antenna for 5G Communication. , 2020, , .		2
125	Fast Angle-of-Arrival Estimation via Virtual Subarrays in Analog Antenna Array. IEEE Transactions on Wireless Communications, 2020, 19, 6425-6439.	9.2	3
126	Achieving Wider Impedance Bandwidth Using FullWavelength Dipoles. , 2020, , .		0

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127	An Irregular Tightly Coupled Dipole Array with Wide Scanning Angles. , 2020, , .		0
128	Dual-Polarized Ultrawideband Eleven Antenna Fed by Modified Passive Balun. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1600-1604.	4.0	4
129	A Wideband Differentially Fed Multi-beam Antenna Array. , 2020, , .		0
130	Accurate Channel Estimation for Frequency-Hopping Dual-Function Radar Communications. , 2020, , .		11
131	A Broadband Doherty Power Amplifier With Hybrid Class-EFJ Mode. IEEE Transactions on Circuits and Systems I: Regular Papers, 2020, 67, 4270-4280.	5.4	24
132	A Controllable Plasmonic Resonance in a SiC-Loaded Single-Polarization Single-Mode Photonic Crystal Fiber Enables Its Application as a Compact LWIR Environmental Sensor. Materials, 2020, 13, 3915.	2.9	6
133	Wide-Scanning Conformal Phased Array Antenna for UAV Radar Based on Polyimide Film. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1581-1585.	4.0	26
134	Improving Physical Layer Security Technique Based on 4-D Antenna Arrays with Pre-Modulation. , 2020, , .		1
135	Synthesizing Beam-Scannable Thinned Massive Antenna Array Utilizing Modified Iterative FFT for Millimeter-Wave Communication. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1983-1987.	4.0	22
136	VROHI: Visibility Recovery for Outdoor Hazy Image in Scattering Media. IEEE Photonics Journal, 2020, 12, 1-15.	2.0	5
137	Suppression of Cross-Band Scattering in Interleaved Dual-Band Cellular Base-Station Antenna Arrays. IEEE Access, 2020, 8, 222486-222495.	4.2	35
138	Uniplanar 2-D Butler Matrix for Multibeam Arrays. , 2020, , .		2
139	Uniplanar Beam-Forming Network Employing Eight-Port Hybrid Couplers and Crossovers for 2-D Multibeam Array Antennas. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 4706-4718.	4.6	33
140	Uniplanar High-Gain 2-D Scanning Leaky-Wave Multibeam Array Antenna at Fixed Frequency. IEEE Transactions on Antennas and Propagation, 2020, 68, 5257-5268.	5.1	28
141	Secrecy Rate Analysis for Millimeter-Wave Lens Antenna Array Transmission. IEEE Communications Letters, 2020, 24, 272-276.	4.1	5
142	In-Band Scattering Reduction of Wideband Phased Antenna Arrays With Enhanced Coupling Based on Phase-Only Optimization Techniques. IEEE Transactions on Antennas and Propagation, 2020, 68, 5297-5307.	5.1	22
143	Orbital Angular Momentum (OAM) Mode-Reconfigurable Discrete Dielectric Lens Operating at 300 GHz. IEEE Transactions on Terahertz Science and Technology, 2020, 10, 480-489.	3.1	26
144	Transmit Beamforming Based on 4-D Antenna Arrays for Low Probability of Intercept Systems. IEEE Transactions on Antennas and Propagation, 2020, 68, 3625-3634.	5.1	15

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145	Ultrawideband Low-Profile Transmitarray With Vivaldi Array Feed. IEEE Transactions on Antennas and Propagation, 2020, 68, 3265-3270.	5.1	13
146	Terahertz Mueller Matrix Polarimetry and Polar Decomposition. IEEE Transactions on Terahertz Science and Technology, 2020, 10, 74-84.	3.1	14
147	Synthesizing Shaped Power Patterns for Linear and Planar Antenna Arrays Including Mutual Coupling by Refined Joint Rotation/Phase Optimization. IEEE Transactions on Antennas and Propagation, 2020, 68, 4648-4657.	5.1	25
148	Enabling Attribute Revocation for Fine-Grained Access Control in Blockchain-IoT Systems. IEEE Transactions on Engineering Management, 2020, 67, 1213-1230.	3.5	65
149	Synthesis of Large Unequally Spaced Planar Arrays Utilizing Differential Evolution With New Encoding Mechanism and Cauchy Mutation. IEEE Transactions on Antennas and Propagation, 2020, 68, 4406-4416.	5.1	28
150	Piecewise Constant Doppler Algorithm: Performance Analysis, Further Simplification, and Motion Compensation. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 3613-3631.	4.7	3
151	Low-Profile High-Gain and Wide-Angle Beam Scanning Phased Transmitarray Antennas. IEEE Access, 2020, 8, 34276-34285.	4.2	17
152	OAM-Generating Transmitarray Antenna With Circular Phased Array Antenna Feed. IEEE Transactions on Antennas and Propagation, 2020, 68, 4540-4548.	5.1	26
153	60 GHz Dual-Polarized High-Gain Planar Aperture Antenna Array Based on LTCC. IEEE Transactions on Antennas and Propagation, 2020, 68, 2883-2894.	5.1	22
154	Wide-Angle Scanning Lens Fed by Small-Scale Antenna Array for 5G in Millimeter-Wave Band. IEEE Transactions on Antennas and Propagation, 2020, 68, 3635-3643.	5.1	32
155	Framework for a Perceptive Mobile Network Using Joint Communication and Radar Sensing. IEEE Transactions on Aerospace and Electronic Systems, 2020, 56, 1926-1941.	4.7	113
156	Beam-Based Analog Self-Interference Cancellation in Full-Duplex MIMO Systems. IEEE Transactions on Wireless Communications, 2020, 19, 2460-2471.	9.2	27
157	Correction to "Microstrip Array Antenna With 2-D Steerable Focus in Near-Field Region" [Sep 17 4607-4617]. IEEE Transactions on Antennas and Propagation, 2020, 68, 2475-2475.	5.1	0
158	Single-Ended-to-Balanced Power Divider With Extended Common-Mode Suppression and Its Application to Differential Butler Matrices. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 1510-1519.	4.6	29
159	Low-Cost 1-D Beam-Steering Reflectarray With $\hat{\pm}70^\circ$ Scan Coverage. IEEE Transactions on Antennas and Propagation, 2020, 68, 5009-5014.	5.1	36
160	Analog Least Mean Square Loop for Self-Interference Cancellation: A Practical Perspective. Sensors, 2020, 20, 270.	3.8	16
161	A 2-D Beam-Scanning Bessel Launcher for Terahertz Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 5893-5903.	5.1	21
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