Y Jay Guo

List of Publications by Year
in descending order

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527 papers	13,327 citations	26630 56 h-index	39675 94 g-index
537 all docs	537 docs citations	537 times ranked	7692 citing authors

#	Article	IF	Citations
1	Towards 6G wireless communication networks: vision, enabling technologies, and new paradigm shifts. Science China Information Sciences, 2021, 64, 1.	4.3	858
2	Survey on blockchain for Internet of Things. Computer Communications, 2019, 136, 10-29.	5.1	351
3	Wideband RCS Reduction of a Slot Array Antenna Using Polarization Conversion Metasurfaces. IEEE Transactions on Antennas and Propagation, 2016, 64, 326-331.	5.1	267
4	A Pattern Reconfigurable U-Slot Antenna and Its Applications in MIMO Systems. IEEE Transactions on Antennas and Propagation, 2012, 60, 516-528.	5.1	232
5	Enabling Joint Communication and Radar Sensing in Mobile Networksâ€"A Survey. IEEE Communications Surveys and Tutorials, 2022, 24, 306-345.	39.4	220
6	Massive hybrid antenna array for millimeter-wave cellular communications. IEEE Wireless Communications, 2015, 22, 79-87.	9.0	207
7	Polarization Reconfigurable U-Slot Patch Antenna. IEEE Transactions on Antennas and Propagation, 2010, 58, 3383-3388.	5.1	196
8	Broadband Polarization Rotation Reflective Surfaces and Their Applications to RCS Reduction. IEEE Transactions on Antennas and Propagation, 2016, 64, 179-188.	5.1	176
9	A Dual-Band Polarization Reconfigurable Antenna for WLAN Systems. IEEE Transactions on Antennas and Propagation, 2013, 61, 5706-5713.	5.1	170
10	GDOP Analysis for Positioning System Design. IEEE Transactions on Vehicular Technology, 2009, 58, 3371-3382.	6.3	159
11	A Reconfigurable Partially Reflective Surface (PRS) Antenna for Beam Steering. IEEE Transactions on Antennas and Propagation, 2015, 63, 2387-2395.	5.1	152
12	3-D Printed Millimeter-Wave and Terahertz Lenses with Fixed and Frequency Scanned Beam. IEEE Transactions on Antennas and Propagation, 2016, 64, 442-449.	5.1	152
13	Electronically Steerable 1-D Fabry-Perot Leaky-Wave Antenna Employing a Tunable High Impedance Surface. IEEE Transactions on Antennas and Propagation, 2012, 60, 5046-5055.	5.1	150
14	A Reconfigurable High-Gain Partially Reflecting Surface Antenna. IEEE Transactions on Antennas and Propagation, 2008, 56, 3382-3390.	5.1	149
15	Multibeam for Joint Communication and Radar Sensing Using Steerable Analog Antenna Arrays. IEEE Transactions on Vehicular Technology, 2019, 68, 671-685.	6.3	143
16	A hybrid adaptive antenna array. IEEE Transactions on Wireless Communications, 2010, 9, 1770-1779.	9.2	140
17	A Frequency Reconfigurable Printed Yagi-Uda Dipole Antenna for Cognitive Radio Applications. IEEE Transactions on Antennas and Propagation, 2012, 60, 2905-2912.	5.1	135
18	A Beam Switching Quasi-Yagi Dipole Antenna. IEEE Transactions on Antennas and Propagation, 2013, 61, 4891-4899.	5.1	124

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19	Frequency Reconfigurable Quasi-Yagi Folded Dipole Antenna. IEEE Transactions on Antennas and Propagation, 2010, 58, 2742-2747.	5.1	121
20	Pattern-Reconfigurable Antenna With Five Switchable Beams in Elevation Plane. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 454-457.	4.0	113
21	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
22	Suppression of Cross-Band Scattering in Multiband Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2019, 67, 2379-2389.	5.1	109
23	Improved Positioning Algorithms for Nonline-of-Sight Environments. IEEE Transactions on Vehicular Technology, 2008, 57, 2342-2353.	6.3	107
24	Broadband High-Gain SIW Cavity-Backed Circular-Polarized Array Antenna. IEEE Transactions on Antennas and Propagation, 2016, 64, 1493-1497.	5.1	104
25	Optimal Orthogonal Precoding for Power Leakage Suppression in DFT-Based Systems. IEEE Transactions on Communications, 2011, 59, 844-853.	7.8	103
26	A Wideband-to-Narrowband Tunable Antenna Using A Reconfigurable Filter. IEEE Transactions on Antennas and Propagation, 2015, 63, 2282-2285.	5.1	102
27	Broadband Reflectarray Antenna Using Subwavelength Elements Based on Double Square Meander-Line Rings. IEEE Transactions on Antennas and Propagation, 2016, 64, 378-383.	5.1	102
28	Airplane-Aided Integrated Networking for 6G Wireless: Will It Work?. IEEE Vehicular Technology Magazine, 2019, 14, 84-91.	3.4	101
29	IDE: Image Dehazing and Exposure Using an Enhanced Atmospheric Scattering Model. IEEE Transactions on Image Processing, 2021, 30, 2180-2192.	9.8	101
30	IDGCP: Image Dehazing Based on Gamma Correction Prior. IEEE Transactions on Image Processing, 2020, 29, 3104-3118.	9.8	93
31	Channel Estimation for OFDM Systems over Doubly Selective Channels: A Distributed Compressive Sensing Based Approach. IEEE Transactions on Communications, 2013, 61, 4173-4185.	7.8	92
32	Compact Balanced Dual- and Tri-band Bandpass Filters Based on Stub Loaded Resonators. IEEE Microwave and Wireless Components Letters, 2015, 25, 76-78.	3.2	91
33	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
34	Effect of Antenna Polarization Diversity on MIMO System Capacity. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 1092-1095.	4.0	84
35	Quasi-Optical Multi-Beam Antenna Technologies for B5G and 6G mmWave and THz Networks: A Review. IEEE Open Journal of Antennas and Propagation, 2021, 2, 807-830.	3.7	84
36	Compact Balanced Dual- and Tri-Band BPFs Based on Coupled Complementary Split-Ring Resonators (C-CSRR). IEEE Microwave and Wireless Components Letters, 2016, 26, 107-109.	3.2	80

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37	Sidelobe Suppression with Orthogonal Projection for Multicarrier Systems. IEEE Transactions on Communications, 2012, 60, 589-599.	7.8	77
38	Substrate Integrated Waveguide-Based Periodic Backward-to-Forward Scanning Leaky-Wave Antenna With Low Cross-Polarization. IEEE Transactions on Antennas and Propagation, 2018, 66, 3846-3856.	5.1	77
39	Broadband, Single-Layer Dual Circularly Polarized Reflectarrays With Linearly Polarized Feed. IEEE Transactions on Antennas and Propagation, 2016, 64, 4235-4241.	5.1	76
40	Accurate Models of Time-Invariant Beampatterns for Frequency Diverse Arrays. IEEE Transactions on Antennas and Propagation, 2019, 67, 3022-3029.	5.1	76
41	A Wideband Polarization Reconfigurable Antenna With Partially Reflective Surface. IEEE Transactions on Antennas and Propagation, 2016, 64, 4534-4538.	5.1	74
42	Wide-Angle Beam-Scanning Reflectarray With Mechanical Steering. IEEE Transactions on Antennas and Propagation, 2018, 66, 172-181.	5.1	74
43	Reconfigurable, Wideband, Low-Profile, Circularly Polarized Antenna and Array Enabled by an Artificial Magnetic Conductor Ground. IEEE Transactions on Antennas and Propagation, 2018, 66, 1564-1569.	5.1	70
44	Wideband Circularly Polarized Substrate Integrated Cavity-Backed Antenna Array. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1513-1516.	4.0	69
45	Octave Bandwidth Transmitarrays With a Flat Gain. IEEE Transactions on Antennas and Propagation, 2018, 66, 5231-5238.	5.1	68
46	A Period-Reconfigurable Leaky-Wave Antenna With Fixed-Frequency and Wide-Angle Beam Scanning. IEEE Transactions on Antennas and Propagation, 2019, 67, 3720-3732.	5.1	68
47	Millimeter-Wave Circularly Polarized Tapered-Elliptical Cavity Antenna With Wide Axial-Ratio Beamwidth. IEEE Transactions on Antennas and Propagation, 2016, 64, 811-814.	5.1	67
48	3-D Printed Circularly Polarized Modified Fresnel Lens Operating at Terahertz Frequencies. IEEE Transactions on Antennas and Propagation, 2019, 67, 4429-4437.	5.1	67
49	A Wideband Low-Profile Tightly Coupled Antenna Array With a Very High Figure of Merit. IEEE Transactions on Antennas and Propagation, 2019, 67, 2332-2343.	5.1	66
50	Enabling Attribute Revocation for Fine-Grained Access Control in Blockchain-IoT Systems. IEEE Transactions on Engineering Management, 2020, 67, 1213-1230.	3.5	65
51	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
52	Design of Wideband In-Phase and Out-of-Phase Power Dividers Using Microstrip-to-Slotline Transitions and Slotline Resonators. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 1412-1424.	4.6	61
53	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
54	Single-Layer Dual-Band Reflectarray With Single Linear Polarization. IEEE Transactions on Antennas and Propagation, 2014, 62, 199-205.	5.1	60

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55	High-Gain Circularly Polarized Lens Antenna for Terahertz Applications. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 921-925.	4.0	60
56	Frequency Steerable Two Dimensional Focusing Using Rectilinear Leaky-Wave Lenses. IEEE Transactions on Antennas and Propagation, 2011, 59, 407-415.	5.1	59
57	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
58	A Multi-linear Polarization Reconfigurable Unidirectional Patch Antenna. IEEE Transactions on Antennas and Propagation, 2017, 65, 4299-4304.	5.1	58
59	Wideband Folded Reflectarray Using Novel Elements With High Orthogonal Polarization Isolation. IEEE Transactions on Antennas and Propagation, 2016, 64, 3195-3200.	5.1	57
60	Circularly Polarized Ellipse-Loaded Circular Slot Array for Millimeter-Wave WPAN Applications. IEEE Transactions on Antennas and Propagation, 2009, 57, 2862-2870.	5.1	56
61	Energy-Efficient Distributed Data Storage for Wireless Sensor Networks Based on Compressed Sensing and Network Coding. IEEE Transactions on Wireless Communications, 2013, 12, 5087-5099.	9.2	56
62	Terahertz Reflecting and Transmitting Metasurfaces. Proceedings of the IEEE, 2017, 105, 1166-1184.	21.3	56
63	Practical Implementation of Wideband and Wide-Scanning Cylindrically Conformal Phased Array. IEEE Transactions on Antennas and Propagation, 2019, 67, 5729-5733.	5.1	56
64	Pattern Synthesis of 4-D Irregular Antenna Arrays Based on Maximum-Entropy Model. IEEE Transactions on Antennas and Propagation, 2019, 67, 3048-3057.	5.1	56
65	Dual-Polarized Wideband Fabryâ€“Perot Antenna With Quad-Layer Partially Reflective Surface. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 551-554.	4.0	54
66	Circular-Polarized Substrate-Integrated-Waveguide Leaky-Wave Antenna With Wide-Angle and Consistent-Gain Continuous Beam Scanning. IEEE Transactions on Antennas and Propagation, 2019, 67, 4418-4428.	5.1	54
67	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
68	Beam Steering Conformal Transmitarray Employing Ultra-Thin Triple-Layer Slot Elements. IEEE Transactions on Antennas and Propagation, 2019, 67, 5390-5398.	5.1	52
69	Electronic Full-Space Scanning With 1-D Fabryâ€“PÃ©rot LWA Using Electromagnetic Band-Gap. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 1426-1429.	4.0	51
70	A Frequency-Reconfigurable Quasi-Yagi Dipole Antenna. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 883-886.	4.0	50
71	Cavity-Backed Proximity-Coupled Reconfigurable Microstrip Antenna With Agile Polarizations and Steerable Beams. IEEE Transactions on Antennas and Propagation, 2017, 65, 5553-5558.	5.1	50
72	Radio Frequency Self-Interference Cancellation With Analog Least Mean-Square Loop. IEEE Transactions on Microwave Theory and Techniques, 2017, 65, 3336-3350.	4.6	48

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73	Advances in Reconfigurable Antenna Systems Facilitated by Innovative Technologies. IEEE Access, 2018, 6, 5780-5794.	4.2	48
74	Compact Planar Beamforming Array With Endfire Radiating Elements for 5G Applications. IEEE Transactions on Antennas and Propagation, 2019, 67, 6859-6869.	5.1	47
75	Wideband Dual-Polarized Multiple Beam-Forming Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2019, 67, 1590-1604.	5.1	47
76	Antenna Array Excited by Spoof Planar Plasmonic Waveguide. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1227-1230.	4.0	46
77	Ku-Band Transmitarrays With Improved Feed Mechanism. IEEE Transactions on Antennas and Propagation, 2018, 66, 2883-2891.	5.1	46
78	Gamma-Correction-Based Visibility Restoration for Single Hazy Images. IEEE Signal Processing Letters, 2018, 25, 1084-1088.	3.6	46
79	Reduced-Sidelobe Multibeam Array Antenna Based on SIW Rotman Lens. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 188-192.	4.0	45
80	A Hybrid Adaptive Antenna Array for Long-Range mm-Wave Communications [Antenna Applications Corner]. IEEE Antennas and Propagation Magazine, 2012, 54, 271-282.	1.4	44
81	Waveform Design and Accurate Channel Estimation for Frequency-Hopping MIMO Radar-Based Communications. IEEE Transactions on Communications, 2020, , 1-1.	7.8	44
82	A Novel Dual-Band Circularly Polarized Antenna Based on Electromagnetic Band-Gap Structure. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 1149-1152.	4.0	43
83	Design of multiâ€band bandpass filters based on stub loaded steppedâ€impedance resonator with defected microstrip structure. IET Microwaves, Antennas and Propagation, 2016, 10, 230-236.	1.4	43
84	1D-Leaky Wave Antenna Employing Parallel-Plate Waveguide Loaded With PRS and HIS. IEEE Transactions on Antennas and Propagation, 2011, 59, 3687-3694.	5.1	42
85	Enhancing Frequency-Scanning Response of Leaky-Wave Antennas Using High-Impedance Surfaces. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 7-10.	4.0	42
86	A Defected Microstrip Structure (DMS)-Based Phase Shifter and Its Application to Beamforming Antennas. IEEE Transactions on Antennas and Propagation, 2014, 62, 641-651.	5.1	42
87	Terahertz Wavefront Control on Both Sides of the Cascaded Metasurfaces. IEEE Transactions on Antennas and Propagation, 2018, 66, 209-216.	5.1	42
88	Linearly Polarized Shaped Power Pattern Synthesis With Sidelobe and Cross-Polarization Control by Using Semidefinite Relaxation. IEEE Transactions on Antennas and Propagation, 2018, 66, 3207-3212.	5.1	42
89	Polarization-Reconfigurable Leaky-Wave Antenna With Continuous Beam Scanning Through Broadside. IEEE Transactions on Antennas and Propagation, 2020, 68, 121-133.	5.1	42
90	A Compact Dual-Band Orthogonal Circularly Polarized Antenna Array With Disparate Elements. IEEE Transactions on Antennas and Propagation, 2015, 63, 1359-1364.	5.1	41

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91	Out-of-band emission reduction and a unified framework for precoded OFDM. , 2015, 53, 151-159.		41
92	A Wideband Base Station Antenna Element With Stable Radiation Pattern and Reduced Beam Squint. IEEE Access, 2017, 5, 23022-23031.	4.2	41
93	Energy-Efficient Caching for Scalable Videos in Heterogeneous Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 1802-1815.	14.0	41
94	Microstrip Array Antenna With 2-D Steerable Focus in Near-Field Region. IEEE Transactions on Antennas and Propagation, 2017, 65, 4607-4617.	5.1	40
95	Forward and Backward Beam-Scanning Tri-Band Leaky-Wave Antenna. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1891-1894.	4.0	39
96	Continuous Beam Scanning at a Fixed Frequency With a Composite Right-/Left-Handed Leaky-Wave Antenna Operating Over a Wide Frequency Band. IEEE Transactions on Antennas and Propagation, 2019, 67, 7272-7284.	5.1	39
97	A Balanced-to-Balanced In-Phase Filtering Power Divider With High Selectivity and Isolation. IEEE Transactions on Microwave Theory and Techniques, 2019, 67, 683-694.	4.6	38
98	Low-Profile Wideband Reflectarray by Novel Elements With Linear Phase Response. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 1545-1547.	4.0	37
99	A multi-gigabit microwave backhaul. , 2012, 50, 122-129.		37
100	A Low Profile, Ultra-Lightweight, High Efficient Circularly-Polarized Antenna Array for Ku Band Satellite Applications. IEEE Access, 2017, 5, 18356-18365.	4.2	37
101	Robust Unambiguous Estimation of Angle-of-Arrival in Hybrid Array With Localized Analog Subarrays. IEEE Transactions on Wireless Communications, 2018, 17, 2987-3002.	9.2	37
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	Conformal Phased Array Antenna for Unmanned Aerial Vehicle With Â±70Â° Scanning Range. IEEE Transactions on Antennas and Propagation, 2021, 69, 4580-4587.	5.1	37
104	A Compact Microstrip Phase Shifter Employing Reconfigurable Defected Microstrip Structure (RDMS) for Phased Array Antennas. IEEE Transactions on Antennas and Propagation, 2015, 63, 1985-1996.	5.1	36
105	Wideband Matching of Full-Wavelength Dipole With Reflector for Base Station. IEEE Transactions on Antennas and Propagation, 2017, 65, 5571-5576.	5.1	36
106	Simplified Tightly-Coupled Cross-Dipole Arrangement for Base Station Applications. IEEE Access, 2017, 5, 27491-27503.	4.2	36
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	Low-Cost 1-D Beam-Steering Reflectarray With Â±70Â° Scan Coverage. IEEE Transactions on Antennas and Propagation, 2020, 68, 5009-5014.	5.1	36

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109	Rectilinear Leaky-Wave Antennas With Broad Beam Patterns Using Hybrid Printed-Circuit Waveguides. IEEE Transactions on Antennas and Propagation, 2011, 59, 3999-4007.	5.1	35
110	Frequency Switchable Printed Yagi-Uda Dipole Sub-Array for Base Station Antennas. IEEE Transactions on Antennas and Propagation, 2012, 60, 1639-1642.	5.1	35
111	Flat Terahertz Reflective Focusing Metasurface with Scanning Ability. Scientific Reports, 2017, 7, 3478.	3.3	35
112	Single-Layer Multi-Via Loaded CRLH Leaky-Wave Antennas for Wide-Angle Beam Scanning With Consistent Gain. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 313-317.	4.0	35
113	Phased Transmitarray Antennas for 1-D Beam Scanning. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 358-362.	4.0	35
114	Suppression of Cross-Band Scattering in Interleaved Dual-Band Cellular Base-Station Antenna Arrays. IEEE Access, 2020, 8, 222486-222495.	4.2	35
115	High-Gain Planar Antenna Arrays for Mobile Satellite Communications [Antenna Applications Corner]. IEEE Antennas and Propagation Magazine, 2012, 54, 256-268.	1.4	34
116	Shaped Power Pattern Synthesis of a Linear Dipole Array by Element Rotation and Phase Optimization Using Dynamic Differential Evolution. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 697-701.	4.0	34
117	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
118	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
119	Joint Resource Management for MC-NOMA: A Deep Reinforcement Learning Approach. IEEE Transactions on Wireless Communications, 2021, 20, 5672-5688.	9.2	33
120	Ka-Band Cavity-Backed Detached Crossed Dipoles for Circular Polarization. IEEE Transactions on Antennas and Propagation, 2014, 62, 5944-5950.	5.1	32
121	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
122	An X-Band Reflectarray With Novel Elements and Enhanced Bandwidth. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 317-320.	4.0	31
123	High-Gain Filtering Reflectarray Antenna for Millimeter-Wave Applications. IEEE Transactions on Antennas and Propagation, 2020, 68, 805-812.	5.1	31
124	A Complementary Circularly Polarized Antenna for 60-GHz Applications. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1373-1376.	4.0	30
125	HTS step-edge Josephson junction terahertz harmonic mixer. Superconductor Science and Technology, 2017, 30, 024002.	3.5	30
126	A Dual Layered Loop Array Antenna for Base Stations With Enhanced Cross-Polarization Discrimination. IEEE Transactions on Antennas and Propagation, 2018, 66, 6975-6985.	5.1	30

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127	BDPK: Bayesian Dehazing Using Prior Knowledge. IEEE Transactions on Circuits and Systems for Video Technology, 2019, 29, 2349-2362.	8.3	30
128	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
129	Efficient Synthesis of 1-D Fabryâ€“Perot Antennas With Low Sidelobe Levels. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 869-872.	4.0	29
130	Millimeter-Wave Cavity-Backed Patch-Slot Dipole for Circularly Polarized Radiation. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 1355-1358.	4.0	29
131	A wideband terahertz high-T_csuperconducting Josephson-junction mixer: electromagnetic design, analysis and characterization. Superconductor Science and Technology, 2017, 30, 095011.	3.5	29
132	A Scalable THz Photonic Crystal Fiber With Partially-Slotted Core That Exhibits Improved Birefringence and Reduced Loss. Journal of Lightwave Technology, 2018, 36, 3408-3417.	4.6	29
133	Single-Ended-to-Balanced Power Divider With Extended Common-Mode Suppression and Its Application to Differential $2imes4$ Butler Matrices. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 1510-1519.	4.6	29
134	Wideband Dual-Layer Huygensâ€™ Metasurface for High-Gain Multibeam Array Antennas. IEEE Transactions on Antennas and Propagation, 2021, 69, 7521-7531.	5.1	29
135	Novel Parasitic Micro Strip Arrays for Low-Cost Active Phased Array Applications. IEEE Transactions on Antennas and Propagation, 2014, 62, 1731-1737.	5.1	28
136	Circular beamâ€reconfigurable antenna base on grapheneâ€metal hybrid. Electronics Letters, 2016, 52, 494-496.	1.0	28
137	Ensuring Maxâ€“Min Fairness of UL SIMO-NOMA: A Rate Splitting Approach. IEEE Transactions on Vehicular Technology, 2019, 68, 11080-11093.	6.3	28
138	Low-Profile Transmitarray Antenna With Cassegrain Reflectarray Feed. IEEE Transactions on Antennas and Propagation, 2019, 67, 3079-3088.	5.1	28
139	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
140	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
141	A New Compact and High Gain Circularly-Polarized Slot Antenna Array for Ku-Band Mobile Satellite TV Reception. IEEE Access, 2017, 5, 6707-6714.	4.2	27
142	Terahertz Metasurfaces for Absorber or Reflectarray Applications. IEEE Transactions on Antennas and Propagation, 2017, 65, 234-241.	5.1	27
143	Analysis and Design of a Broadband Multifeed Tightly Coupled Patch Array Antenna. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 217-220.	4.0	27
144	Wideband Planarized Dual-Linearly-Polarized Dipole Antenna and Its Integration for Dual-Circularly-Polarized Radiation. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 2289-2293.	4.0	27

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145	Circular hole ENZ photonic crystal fibers exhibit high birefringence. Optics Express, 2018, 26, 17264.	3.4	27
146	Wideband Filtering Phase Shifter Using Transversal Signal-Interference Techniques. IEEE Microwave and Wireless Components Letters, 2019, 29, 252-254.	3.2	27
147	Beam-Based Analog Self-Interference Cancellation in Full-Duplex MIMO Systems. IEEE Transactions on Wireless Communications, 2020, 19, 2460-2471.	9.2	27
148	NLOS Error Mitigation for Mobile Location Estimation in Wireless Networks. IEEE Vehicular Technology Conference, 2007, , .	0.4	26
149	A Study on Linear Frequency Modulation Signal Transmission by 4-D Antenna Arrays. IEEE Transactions on Antennas and Propagation, 2015, 63, 5409-5416.	5.1	26
150	Multi-Timescale Decentralized Online Orchestration of Software-Defined Networks. IEEE Journal on Selected Areas in Communications, 2018, 36, 2716-2730.	14.0	26
151	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
152	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
153	OAM-Generating Transmitarray Antenna With Circular Phased Array Antenna Feed. IEEE Transactions on Antennas and Propagation, 2020, 68, 4540-4548.	5.1	26
154	Delay and Reliability of Load-Based Listen-Before-Talk in LAA. IEEE Access, 2018, 6, 6171-6182.	4.2	25
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