

Bing-Zhong Wang

List of Publications by Year in descending order

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466
papers

6,820
citations

53660

45
h-index

102304

66
g-index

467
all docs

467
docs citations

467
times ranked

3827
citing authors

#	ARTICLE	IF	CITATIONS
1	An Ultrathin and Broadband Radar Absorber Using Resistive FSS. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 748-751.	2.4	227
2	Wide-Angle Scanning Phased Array With Pattern Reconfigurable Elements. IEEE Transactions on Antennas and Propagation, 2011, 59, 4071-4076.	3.1	170
3	Yagi Patch Antenna With Dual-Band and Pattern Reconfigurable Characteristics. IEEE Antennas and Wireless Propagation Letters, 2007, 6, 168-171.	2.4	141
4	Compact UWB Antenna With Multiple Band-Notches for WiMAX and WLAN. IEEE Transactions on Antennas and Propagation, 2011, 59, 1372-1376.	3.1	126
5	Planar Phased Array With Wide-Angle Scanning Performance Based on Image Theory. IEEE Transactions on Antennas and Propagation, 2015, 63, 3908-3917.	3.1	122
6	Research on a Millimeter-Wave Phased Array With Wide-Angle Scanning Performance. IEEE Transactions on Antennas and Propagation, 2013, 61, 5319-5324.	3.1	121
7	A Compact Slow-Wave Microstrip Branch-Line Coupler With High Performance. IEEE Microwave and Wireless Components Letters, 2007, 17, 501-503.	2.0	120
8	Reduction of Mutual Coupling Between Patch Antennas Using a Polarization-Conversion Isolator. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1257-1260.	2.4	109
9	TWO NOVEL BAND-NOTCHED UWB SLOT ANTENNAS FED BY MICROSTRIP LINE. Progress in Electromagnetics Research, 2008, 78, 209-218.	1.6	105
10	Varactor-Loaded Pattern Reconfigurable Array for Wide-Angle Scanning With Low Gain Fluctuation. IEEE Transactions on Antennas and Propagation, 2015, 63, 2364-2369.	3.1	96
11	Multiparameter Modeling With ANN for Antenna Design. IEEE Transactions on Antennas and Propagation, 2018, 66, 3718-3723.	3.1	93
12	A Circularly Polarized Multimode Patch Antenna for the Generation of Multiple Orbital Angular Momentum Modes. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 521-524.	2.4	89
13	An Improved PSO Algorithm and Its Application to UWB Antenna Design. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 1236-1239.	2.4	85
14	Design of Pattern Reconfigurable Antennas Based on a Two-Element Dipole Array Model. IEEE Transactions on Antennas and Propagation, 2013, 61, 4867-4871.	3.1	82
15	A Compact Frequency Reconfigurable Rectenna for 5.2- and 5.8-GHz Wireless Power Transmission. IEEE Transactions on Power Electronics, 2015, 30, 6006-6010.	5.4	80
16	A Novel Wideband Antenna With Reconfigurable Broadside and Endfire Patterns. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 995-998.	2.4	79
17	A Hybrid IWO/PSO Algorithm for Pattern Synthesis of Conformal Phased Arrays. IEEE Transactions on Antennas and Propagation, 2013, 61, 2328-2332.	3.1	78
18	Investigation of Using High Impedance Surfaces for Wide-Angle Scanning Arrays. IEEE Transactions on Antennas and Propagation, 2015, 63, 2895-2901.	3.1	77

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19	A Wide-Angle Scanning Planar Phased Array with Pattern Reconfigurable Magnetic Current Element. IEEE Transactions on Antennas and Propagation, 2017, 65, 1434-1439.	3.1	74
20	Planar Wide-Angle Scanning Phased Array With Pattern-Reconfigurable Windmill-Shaped Loop Elements. IEEE Transactions on Antennas and Propagation, 2017, 65, 932-936.	3.1	74
21	A Tunable Bandstop Resonator Based on a Compact Slotted Ground Structure. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 1912-1918.	2.9	71
22	Polarization Reconfigurable Broadband Rectenna With Tunable Matching Network for Microwave Power Transmission. IEEE Transactions on Antennas and Propagation, 2016, 64, 1136-1141.	3.1	70
23	A Circularly Polarized Implantable Antenna for 2.4-GHz ISM Band Biomedical Applications. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2554-2557.	2.4	70
24	Novel Design of Wilkinson Power Dividers With Arbitrary Power Division Ratios. IEEE Transactions on Industrial Electronics, 2011, 58, 2541-2546.	5.2	69
25	Wide-Beam SIW-Slot Antenna for Wide-Angle Scanning Phased Array. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1638-1641.	2.4	67
26	On the Design of Ultrawideband Circuit Analog Absorber Based on Quasi-Single-Layer FSS. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 591-595.	2.4	64
27	Bandwidth-enhancing ultralow-profile compact patch antenna. IEEE Transactions on Antennas and Propagation, 2005, 53, 3443-3447.	3.1	62
28	A Dual-Polarized Pattern Reconfigurable Yagi Patch Antenna for Microbase Stations. IEEE Transactions on Antennas and Propagation, 2017, 65, 5095-5102.	3.1	61
29	A Dual-Band Circularly Polarized Planar Monopole Antenna for WLAN/Wi-Fi Applications. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 670-673.	2.4	60
30	2-D Planar Wide-Angle Scanning-Phased Array Based on Wide-Beam Elements. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 876-879.	2.4	60
31	Circularly Polarized Beam-Steering Antenna Array With Butler Matrix Network. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1278-1281.	2.4	59
32	A Wide-Angle Scanning and Low Sidelobe Level Microstrip Phased Array Based on Genetic Algorithm Optimization. IEEE Transactions on Antennas and Propagation, 2016, 64, 805-810.	3.1	58
33	A COMPACT SQUARE LOOP DUAL-MODE BANDPASS FILTER WITH WIDE STOP-BAND. Progress in Electromagnetics Research, 2007, 77, 67-73.	1.6	57
34	Wideband and Dual-Band Design of a Printed Dipole Antenna. IEEE Antennas and Wireless Propagation Letters, 2008, 7, 1-4.	2.4	57
35	A Novel Wide-Angle Scanning Phased Array Based on Dual-Mode Pattern-Reconfigurable Elements. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 396-399.	2.4	57
36	A Low-Profile Wideband Hybrid Metasurface Antenna Array for 5G and WiFi Systems. IEEE Transactions on Antennas and Propagation, 2020, 68, 665-671.	3.1	57

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37	COMPACT BROADBAND DUAL-BAND BANDPASS FILTERS USING SLOTTED GROUND STRUCTURES. Progress in Electromagnetics Research, 2008, 82, 151-166.	1.6	54
38	Dynamic Adjustment Kernel Extreme Learning Machine for Microwave Component Design. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 4452-4461.	2.9	54
39	A Novel Ultra-Wideband Differential Filter Based on Microstrip Line Structures. IEEE Microwave and Wireless Components Letters, 2013, 23, 128-130.	2.0	51
40	PERFORMANCE OF IMPULSE RADIO UWB COMMUNICATIONS BASED ON TIME REVERSAL TECHNIQUE. Progress in Electromagnetics Research, 2008, 79, 401-413.	1.6	50
41	Circularly Polarized Reconfigurable Crossed-Yagi Patch Antenna. IEEE Antennas and Propagation Magazine, 2011, 53, 65-80.	1.2	48
42	Pattern reconfigurable leaky-wave antenna design by FDTD method and Floquet's Theorem. IEEE Transactions on Antennas and Propagation, 2005, 53, 1845-1848.	3.1	47
43	A NUMERICAL STUDY ON TIME- REVERSAL ELECTROMAGNETIC WAVE FOR INDOOR ULTRA-WIDEBAND SIGNAL TRANSMISSION. Progress in Electromagnetics Research, 2007, 77, 329-342.	1.6	47
44	Wide-Beam Circularly Polarized Microstrip Magnetic-Electric Dipole Antenna for Wide-Angle Scanning Phased Array. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 428-431.	2.4	47
45	Dual-Polarized and Wide-Angle Scanning Microstrip Phased Array. IEEE Transactions on Antennas and Propagation, 2018, 66, 3775-3780.	3.1	47
46	A hybrid 2-D ADI-FDTD subgridding scheme for modeling on-chip interconnects. IEEE Transactions on Advanced Packaging, 2001, 24, 528-533.	1.7	46
47	An Azimuth-Pattern-Reconfigurable Antenna With Enhanced Gain and Front-to-Back Ratio. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2303-2306.	2.4	46
48	A Wide-Angle Scanning Phased Array With Microstrip Patch Mode Reconfiguration Technique. IEEE Transactions on Antennas and Propagation, 2017, 65, 4548-4555.	3.1	46
49	Wideband Impedance Model for Coaxial Through-Silicon Vias in 3-D Integration. IEEE Transactions on Electron Devices, 2013, 60, 2498-2504.	1.6	45
50	Compact Surface-Wave Assisted Beam-Steerable Antenna Based on HIS. IEEE Transactions on Antennas and Propagation, 2014, 62, 3511-3519.	3.1	45
51	Improved Performance of a Microstrip Phased Array Using Broadband and Ultra-Low-Loss Metamaterial Slabs. IEEE Antennas and Propagation Magazine, 2011, 53, 31-41.	1.2	44
52	A Compact Half-Mode Substrate Integrated Waveguide Bandpass Filter With Wide Out-of-Band Rejection. IEEE Microwave and Wireless Components Letters, 2016, 26, 501-503.	2.0	43
53	Switched Band-Notched UWB/Dual-Band WLAN Slot Antenna With Inverted S-Shaped Slots. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 572-575.	2.4	42
54	A REFLECTARRAY ANTENNA BACKED ON FSS FOR LOW RCS AND HIGH RADIATION PERFORMANCES. Progress in Electromagnetics Research C, 2010, 15, 145-155.	0.6	41

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55	Efficient gradient-based optimisation of pixel antenna with large-scale connections. IET Microwaves, Antennas and Propagation, 2018, 12, 385-389.	0.7	40
56	A Compact Dual-Band Dual-Polarized Loop-Slot Planar Antenna. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1742-1745.	2.4	39
57	Low-Profile Pattern-Reconfigurable Vertically Polarized Endfire Antenna With Magnetic-Current Radiators. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 829-832.	2.4	39
58	On the Design of Wideband Absorber Based on Multilayer and Multiresonant FSS Array. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 284-288.	2.4	39
59	SPATIAL FOCUSING CHARACTERISTICS OF TIME REVERSAL UWB PULSE TRANSMISSION WITH DIFFERENT ANTENNA ARRAYS. Progress in Electromagnetics Research B, 2008, 2, 223-232.	0.7	38
60	A novel uniplanar compact photonic bandgap power plane with ultra-broadband suppression of ground bounce noise. IEEE Microwave and Wireless Components Letters, 2006, 16, 267-268.	2.0	37
61	Design of Low-Profile Microstrip Antenna with Enhanced Bandwidth and Reduced Size. IEEE Transactions on Antennas and Propagation, 2006, 54, 1594-1599.	3.1	37
62	Optically Controlled Reconfigurable Band-Notched UWB Antenna for Cognitive Radio Applications. IEEE Photonics Technology Letters, 2014, 26, 2173-2176.	1.3	37
63	A novel frequency-reconfigurable patch antenna. Microwave and Optical Technology Letters, 2003, 36, 295-297.	0.9	36
64	Numerical Dispersion Analysis and Key Parameter Selection in Laguerre-FDTD Method. IEEE Microwave and Wireless Components Letters, 2013, 23, 629-631.	2.0	36
65	Antenna Radiation Characteristics Optimization by a Hybrid Topological Method. IEEE Transactions on Antennas and Propagation, 2017, 65, 2843-2854.	3.1	36
66	Scanning Range Expansion of Planar Phased Arrays Using Metasurfaces. IEEE Transactions on Antennas and Propagation, 2020, 68, 1402-1410.	3.1	36
67	Beam-Scanning Microstrip Quasi-Yagi-Uda Antenna Based on Hybrid Metal-Graphene Materials. IEEE Photonics Technology Letters, 2018, 30, 1127-1130.	1.3	35
68	ADE-Laguerre-FDTD Method for Wave Propagation in General Dispersive Materials. IEEE Microwave and Wireless Components Letters, 2013, 23, 228-230.	2.0	33
69	Dual-Band Wide-Angle Scanning Phased Array Composed of SIW-Cavity Backed Elements. IEEE Transactions on Antennas and Propagation, 2018, 66, 2678-2683.	3.1	33
70	A metamaterial-based compact broadband planar monopole <sc>MIMO</sc> antenna with high isolation. Microwave and Optical Technology Letters, 2020, 62, 2965-2970.	0.9	32
71	Inverse Artificial Neural Network for Multiobjective Antenna Design. IEEE Transactions on Antennas and Propagation, 2021, 69, 6651-6659.	3.1	32
72	A Pattern-Reconfigurable Planar Fractal Antenna and its Characteristic-Mode Analysis. IEEE Antennas and Propagation Magazine, 2007, 49, 68-75.	1.2	31

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73	Time Reversal Based Broadband Synthesis Method for Arbitrarily Structured Beam-Steering Arrays. IEEE Transactions on Antennas and Propagation, 2012, 60, 164-173.	3.1	31
74	Pattern-reconfigurable quasi-yagi microstrip antenna using a photonic band gap structure. Microwave and Optical Technology Letters, 2004, 42, 296-297.	0.9	29
75	WIDEBAND X-BAND MICROSTRIP BUTLER MATRIX. Progress in Electromagnetics Research, 2007, 74, 131-140.	1.6	29
76	Ultrawideband, Wide-Angle Scanning Array With Compact, Single-Layer Feeding Network. IEEE Transactions on Antennas and Propagation, 2020, 68, 2788-2796.	3.1	29
77	Multibranch Artificial Neural Network Modeling for Inverse Estimation of Antenna Array Directivity. IEEE Transactions on Antennas and Propagation, 2020, 68, 4417-4427.	3.1	29
78	Post-Time-Reversed MIMO Ultrawideband Transmission Scheme. IEEE Transactions on Antennas and Propagation, 2010, 58, 1731-1738.	3.1	28
79	An Efficient Domain Decomposition Laguerre-FDTD Method for Two-Dimensional Scattering Problems. IEEE Transactions on Antennas and Propagation, 2013, 61, 2639-2645.	3.1	28
80	A BEVELED AND SLOT-LOADED PLANAR BOW-TIE ANTENNA FOR UWB APPLICATION. Progress in Electromagnetics Research M, 2008, 2, 37-46.	0.5	27
81	Compact ratâ€œace ring coupler with capacitor loading. Microwave and Optical Technology Letters, 2010, 52, 7-9.	0.9	27
82	Subwavelength Array of Planar Monopoles With Complementary Split Rings Based on Far-Field Time Reversal. IEEE Transactions on Antennas and Propagation, 2011, 59, 4345-4350.	3.1	27
83	Novel Flexible Dual-Frequency Broadside Radiating Rectangular Patch Antennas Based on Complementary Planar ENZ or MNZ Metamaterials. IEEE Transactions on Antennas and Propagation, 2012, 60, 3958-3961.	3.1	27
84	Modeling of electromagnetic radiation-induced from a magnetostrictive/piezoelectric laminated composite. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 385, 126959.	0.9	27
85	A Planar Ultrawideband Wide-Angle Scanning Array Loaded With Polarization-Sensitive Frequency-Selective Surface Structure. IEEE Transactions on Antennas and Propagation, 2020, 68, 7348-7357.	3.1	26
86	An Optimized Higher Order PML in Domain Decomposition WLP-FDTD Method for Time Reversal Analysis. IEEE Transactions on Antennas and Propagation, 2016, 64, 4374-4383.	3.1	25
87	Wide-angle scanning planar array with quasi-hemispherical-pattern elements. Scientific Reports, 2017, 7, 2729.	1.6	24
88	Topology Optimization of Conical-Beam Antennas Exploiting Rotational Symmetry. IEEE Transactions on Antennas and Propagation, 2018, 66, 2254-2261.	3.1	24
89	Horizontal Dipole Located Close to Ground Plane With Bidirectional Endfire Radiation. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1144-1147.	2.4	23
90	Dual-Wideband High-Gain Fabry-Perot Cavity Antenna. IEEE Access, 2020, 8, 4754-4760.	2.6	23

#	ARTICLE	IF	CITATIONS
91	Design and Realization of a GA-Optimized VHF/UHF Antenna With "On-Body" Matching Network. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 303-306.	2.4	22
92	Far-field subwavelength imaging with near-field resonant metalens scanning at microwave frequencies. Scientific Reports, 2015, 5, 11131.	1.6	22
93	An Efficient Hybrid Method of Iterative MoM-PO and Equivalent Dipole-Moment for Scattering From Electrically Large Objects. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 1723-1726.	2.4	22
94	Metasurface-based wideband, low-profile, and high-gain antenna. IET Microwaves, Antennas and Propagation, 2019, 13, 436-441.	0.7	22
95	Radiation Pattern Calculation for Arbitrary Conformal Arrays that Include mutual-coupling effects. IEEE Antennas and Propagation Magazine, 2010, 52, 57-63.	1.2	21
96	Sub-wavelength Array With Embedded Chirped Delay Lines Based on Time Reversal Technique. IEEE Transactions on Antennas and Propagation, 2013, 61, 2868-2873.	3.1	21
97	Efficient Compact 2-D Time-Domain Method With Weighted Laguerre Polynomials. IEEE Transactions on Electromagnetic Compatibility, 2006, 48, 442-448.	1.4	20
98	Dual-Band and Low-Profile Differentially Fed Slot Antenna for Wide-Angle Scanning Phased Array. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 259-262.	2.4	20
99	Novel Broadband Reflectarray Antenna with Windmill-Shaped Elements for Millimeter-Wave Application. Journal of Infrared, Millimeter and Terahertz Waves, 2007, 28, 339-344.	0.6	19
100	Radiation Pattern Computation of Pyramidal Conformal Antenna Array with Active-Element Pattern Technique. IEEE Antennas and Propagation Magazine, 2011, 53, 28-37.	1.2	19
101	Research on epoxy resin decomposition under microwave heating by using ReaxFF molecular dynamics simulations. RSC Advances, 2014, 4, 17083-17090.	1.7	19
102	A Broadband and Electrically Small Planar Monopole Employing Metamaterial Transmission Line. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1018-1021.	2.4	19
103	A Two-Channel Frequency Reconfigurable Rectenna for Microwave Power Transmission and Data Communication. IEEE Transactions on Antennas and Propagation, 2017, 65, 6976-6985.	3.1	19
104	Synthesis of Sparse Planar Arrays With Multiple Patterns by the Generalized Matrix Enhancement and Matrix Pencil. IEEE Transactions on Antennas and Propagation, 2021, 69, 869-881.	3.1	19
105	An Efficient Artificial Neural Network Model for Inverse Design of Metasurfaces. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1013-1017.	2.4	19
106	Far-Field Super-Resolution Imaging With Compact and Multifrequency Planar Resonant Lens Based on Time Reversal. IEEE Transactions on Antennas and Propagation, 2015, 63, 5586-5592.	3.1	18
107	Broadband Low-RCS Phased Array With Wide-Angle Scanning Performance Based on the Switchable Stacked Artificial Structure. IEEE Transactions on Antennas and Propagation, 2019, 67, 6452-6460.	3.1	18
108	Improved self-adaptive genetic algorithm with quantum scheme for electromagnetic optimisation. IET Microwaves, Antennas and Propagation, 2014, 8, 965-972.	0.7	17

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109	Impedance Matching Design of a Low-Profile Wide-Angle Scanning Phased Array. IEEE Transactions on Antennas and Propagation, 2019, 67, 6401-6409.	3.1	17
110	Design of MIMO Antenna Isolation Structure Based on a Hybrid Topology Optimization Method. IEEE Transactions on Antennas and Propagation, 2019, 67, 6298-6307.	3.1	17
111	An ANN-Based Synthesis Method for Nonuniform Linear Arrays Including Mutual Coupling Effects. IEEE Access, 2020, 8, 144015-144026.	2.6	17
112	Nearly PML for ADE-WLP-FDTD Modeling in Two-Dimensional Dispersive Media. IEEE Microwave and Wireless Components Letters, 2014, 24, 75-77.	2.0	16
113	Semisupervised Radial Basis Function Neural Network With an Effective Sampling Strategy. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 1260-1269.	2.9	16
114	Conjugate Impedance Matching Method for Wideband and Wide-Angle Impedance Matching Layer With 70° Scanning in the H-Plane. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 63-67.	2.4	16
115	Compact Wideband Unidirectional Antenna With a Reflector Connected to the Ground Using a Stub. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1186-1189.	2.4	15
116	Transmitting-Mode Time Reversal Imaging Using MUSIC Algorithm for Surveillance in Wireless Sensor Network. IEEE Transactions on Antennas and Propagation, 2012, 60, 220-230.	3.1	15
117	Planar Microstrip Endfire Antenna With Multiport Feeding. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 556-559.	2.4	15
118	Efficient Inverse Extreme Learning Machine for Parametric Design of Metasurfaces. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 992-996.	2.4	15
119	Modeling stripline discontinuities by neural network with knowledge-based neurons. IEEE Transactions on Advanced Packaging, 2000, 23, 692-698.	1.7	14
120	Researches on pattern reconfigurable antenna and its application in phased array. , 2011, , .		14
121	A Broadband VHF/UHF Double-Whip Antenna. IEEE Transactions on Antennas and Propagation, 2012, 60, 719-724.	3.1	14
122	A Wideband Phased Array With Broad Scanning Range and Wide-Angle Impedance Matching. IEEE Transactions on Antennas and Propagation, 2020, 68, 6022-6031.	3.1	14
123	Mutual Coupling Reduction of ±45° Dual-Polarized Closely Spaced MIMO Antenna by Topology Optimization. IEEE Access, 2020, 8, 29089-29098.	2.6	14
124	2-D FDTD method for exact attenuation constant extraction of lossy transmission lines. IEEE Microwave and Wireless Components Letters, 2004, 14, 289-291.	2.0	13
125	A 60-GHz Wideband Slot Antenna Based on Substrate Integrated Waveguide Cavity. Journal of Infrared, Millimeter and Terahertz Waves, 2007, 28, 275-281.	0.6	13
126	Design and Time-Domain Analysis for a Novel Pattern Reconfigurable Antenna. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 365-368.	2.4	13

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127	An RFID Multicriteria Coarse- and Fine-Space Tag Antenna Design. IEEE Transactions on Industrial Electronics, 2011, 58, 2522-2530.	5.2	13
128	A New Unconditionally Stable FDTD Method Based on the Newmark-Beta Algorithm. IEEE Transactions on Microwave Theory and Techniques, 2016, 64, 4082-4090.	2.9	13
129	Far-Field Super-Resolution Imaging of Scatterers With a Time-Reversal System Aided by a Grating Plate. IEEE Photonics Journal, 2017, 9, 1-8.	1.0	13
130	Creation of an Arbitrary Electromagnetic Illusion Using a Planar Ultrathin Metasurface. IEEE Photonics Journal, 2017, 9, 1-9.	1.0	13
131	New autofocus and reconstruction method based on a connected domain. Optics Letters, 2018, 43, 2201.	1.7	13
132	Shaping Electric Field Intensity via Angular Spectrum Projection and the Linear Superposition Principle. IEEE Transactions on Antennas and Propagation, 2020, 68, 8249-8254.	3.1	13
133	Trapezoidal monopole antenna and array for UWB-MIMO applications. , 2012, , .		12
134	Radar cross-section reduction design for a microstrip antenna. Microwave and Optical Technology Letters, 2014, 56, 1200-1204.	0.9	12
135	Compact Multiport Antenna With Radiator-Sharing Approach and Its Performance Evaluation of Time Reversal in an Intra-Car Environment. IEEE Transactions on Antennas and Propagation, 2015, 63, 4213-4219.	3.1	12
136	A Planar Wide-Angle Scanning Phased Array With X -, Ku -, and K -Band RCS Reduction. IEEE Transactions on Antennas and Propagation, 2020, 68, 4103-4108.	3.1	12
137	Research on Structurally Integrated Phased Array for Wireless Communications. IEEE Access, 2020, 8, 52359-52369.	2.6	12
138	Tradeoff of Transmitted Power in Time-Reversed Impulse Radio Ultrawideband Communications. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 1426-1429.	2.4	11
139	A dual-frequency quasi-impedance antenna with a robust voltage doubler for 2.45- and 5.8-GHz wireless power transmission. Microwave and Optical Technology Letters, 2015, 57, 319-322.	0.9	11
140	Defocus noise suppression with combined frame difference and connected component methods in optical scanning holography. Optics Letters, 2015, 40, 4146.	1.7	11
141	Efficient extreme learning machine with transfer functions for filter design. , 2017, , .		11
142	A Flush-Mounted Quasi-Full-Space Beam-Scanning Cylindrical Phased Array. IEEE Transactions on Antennas and Propagation, 2019, 67, 4883-4888.	3.1	11
143	Low-Profile Implementation of U-Shaped Power Quasi-Isotropic Antennas for Intra-Vehicle Wireless Communications. IEEE Access, 2020, 8, 48557-48565.	2.6	11
144	Wide-Angle, Ultra-Wideband, Polarization-Independent Circuit Analog Absorbers. IEEE Transactions on Antennas and Propagation, 2022, 70, 7276-7281.	3.1	11

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145	A Novel Reconfiguration CPW Leaky-Wave Antenna for Millimeter-Wave Application. Journal of Infrared, Millimeter and Terahertz Waves, 2002, 23, 1637-1648.	0.6	10
146	Two-Element PIFA Antenna System With Inherent Performance of Low Mutual Coupling. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 1223-1226.	2.4	10
147	Novel design for low-RCS screens using a combination of dual-AMC. , 2009, , .		10
148	Mur Absorbing Boundary Condition for Three-Step 3-D LOD-FDTD Method. IEEE Microwave and Wireless Components Letters, 2010, 20, 589-591.	2.0	10
149	Research on pyrolysis of toluene under microwave heating by using ReaxFF molecular dynamics simulations. Molecular Physics, 2014, 112, 1724-1730.	0.8	10
150	Near-Field Image Restoration for Rotman Lens by Localized Angle-Time Spread Function-Based Filtering Method. IEEE Transactions on Antennas and Propagation, 2015, 63, 2353-2358.	3.1	10
151	Uncertainty Analysis in Dispersive and Lossy Media for Ground-Penetrating Radar Modeling. IEEE Antennas and Wireless Propagation Letters, 2019, 18, 1931-1935.	2.4	10
152	Synthesis of Nonuniformly Spaced Arrays With Frequency-Invariant Shaped Patterns by Sequential Convex Optimization. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1093-1097.	2.4	10
153	A Wide-Band Self-Complementary Tightly-Coupled Dipole Array With $\pm 80^\circ$ Scanning Range in the E Plane. IEEE Access, 2020, 8, 151316-151324.	2.6	10
154	Radial Basis Function Neural Network With Hidden Node Interconnection Scheme for Thinned Array Modeling. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2418-2422.	2.4	10
155	A Compact High-Selectivity Wideband Filtering Antenna With Multipath Coupling Structure. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1654-1658.	2.4	10
156	The Design of Coupled Resonator Bandpass Filter With Wide Stop-Band. IEEE Microwave and Wireless Components Letters, 2008, 18, 251-253.	2.0	9
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