

Bing-zhong Wang

List of Publications by Year in descending order

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580
papers

9,642
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29928

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g-index

594
all docs

594
docs citations

594
times ranked

15530
citing authors

#	ARTICLE	IF	CITATIONS
1	Significantly improved PCR-based clonality testing in B-cell malignancies by use of multiple immunoglobulin gene targets. Report of the BIOMED-2 Concerted Action BHM4-CT98-3936. <i>Leukemia</i> , 2007, 21, 207-214.	7.5	294
2	Evaluation of Electronic Cigarette Liquids and Aerosol for the Presence of Selected Inhalation Toxins. <i>Nicotine and Tobacco Research</i> , 2015, 17, 168-174.	2.6	262
3	An Ultrathin and Broadband Radar Absorber Using Resistive FSS. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012, 11, 748-751.	4.4	233
4	Wide-Angle Scanning Phased Array With Pattern Reconfigurable Elements. <i>IEEE Transactions on Antennas and Propagation</i> , 2011, 59, 4071-4076.	5.3	174
5	Yagi Patch Antenna With Dual-Band and Pattern Reconfigurable Characteristics. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2007, 6, 168-171.	4.4	144
6	Wide-field digital imaging based telemedicine for screening for acute retinopathy of prematurity (ROP). Six-year results of a multicentre field study. <i>Graefe's Archive for Clinical and Experimental Ophthalmology</i> , 2009, 247, 1251-1262.	1.9	144
7	Planar Phased Array With Wide-Angle Scanning Performance Based on Image Theory. <i>IEEE Transactions on Antennas and Propagation</i> , 2015, 63, 3908-3917.	5.3	131
8	Compact UWB Antenna With Multiple Band-Notches for WiMAX and WLAN. <i>IEEE Transactions on Antennas and Propagation</i> , 2011, 59, 1372-1376.	5.3	127
9	Research on a Millimeter-Wave Phased Array With Wide-Angle Scanning Performance. <i>IEEE Transactions on Antennas and Propagation</i> , 2013, 61, 5319-5324.	5.3	127
10	Mutual Coupling Reduction in Dielectric Resonator Antennas Using Metasurface Shield for 60-GHz MIMO Systems. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017, 16, 477-480.	4.4	127
11	A Compact Slow-Wave Microstrip Branch-Line Coupler With High Performance. <i>IEEE Microwave and Wireless Components Letters</i> , 2007, 17, 501-503.	3.3	121
12	Reduction of Mutual Coupling Between Patch Antennas Using a Polarization-Conversion Isolator. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017, 16, 1257-1260.	4.4	112
13	TWO NOVEL BAND-NOTCHED UWB SLOT ANTENNAS FED BY MICROSTRIP LINE. <i>Progress in Electromagnetics Research</i> , 2008, 78, 209-218.	4.7	105
14	Multiparameter Modeling With ANN for Antenna Design. <i>IEEE Transactions on Antennas and Propagation</i> , 2018, 66, 3718-3723.	5.3	105
15	Varactor-Loaded Pattern Reconfigurable Array for Wide-Angle Scanning With Low Gain Fluctuation. <i>IEEE Transactions on Antennas and Propagation</i> , 2015, 63, 2364-2369.	5.3	101
16	A Circularly Polarized Multimode Patch Antenna for the Generation of Multiple Orbital Angular Momentum Modes. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017, 16, 521-524.	4.4	94
17	An Improved PSO Algorithm and Its Application to UWB Antenna Design. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013, 12, 1236-1239.	4.4	89
18	Comparative performances of the 7th and the 8th editions of the American Joint Committee on Cancer staging systems for intrahepatic cholangiocarcinoma. <i>Journal of Surgical Oncology</i> , 2017, 115, 696-703.	1.7	87

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19	A Hybrid IWO/PSO Algorithm for Pattern Synthesis of Conformal Phased Arrays. IEEE Transactions on Antennas and Propagation, 2013, 61, 2328-2332.	5.3	86
20	Advances in the use of functional composites of β -cyclodextrin in electrochemical sensors. Mikrochimica Acta, 2018, 185, 328.	5.2	85
21	Vesicular Stomatitis Virus RNA Replication: a Role for the NS Protein. Journal of General Virology, 1989, 70, 2683-2694.	2.9	84
22	Design of Pattern Reconfigurable Antennas Based on a Two-Element Dipole Array Model. IEEE Transactions on Antennas and Propagation, 2013, 61, 4867-4871.	5.3	83
23	A Compact Frequency Reconfigurable Rectenna for 5.2- and 5.8-GHz Wireless Power Transmission. IEEE Transactions on Power Electronics, 2015, 30, 6006-6010.	8.1	83
24	17 β -Estradiol activates ICI 182,780-sensitive estrogen receptors and cyclic GMP-dependent thioredoxin expression for neuroprotection. FASEB Journal, 2003, 17, 1-20.	0.5	82
25	Investigation of Using High Impedance Surfaces for Wide-Angle Scanning Arrays. IEEE Transactions on Antennas and Propagation, 2015, 63, 2895-2901.	5.3	81
26	A system for rapid eDNA detection of aquatic invasive species. Environmental DNA, 2020, 2, 261-270.	5.8	81
27	A Novel Wideband Antenna With Reconfigurable Broadside and Endfire Patterns. IEEE Antennas and Wireless Propagation Letters, 2013, 12, 995-998.	4.4	80
28	A Wide-Angle Scanning Planar Phased Array with Pattern Reconfigurable Magnetic Current Element. IEEE Transactions on Antennas and Propagation, 2017, 65, 1434-1439.	5.3	79
29	The Fanconi Anemia Group C Gene Product Is Located in Both the Nucleus and Cytoplasm of Human Cells. Blood, 1998, 91, 1418-1425.	1.4	78
30	Planar Wide-Angle Scanning Phased Array With Pattern-Reconfigurable Windmill-Shaped Loop Elements. IEEE Transactions on Antennas and Propagation, 2017, 65, 932-936.	5.3	77
31	A Circularly Polarized Implantable Antenna for 2.4-GHz ISM Band Biomedical Applications. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2554-2557.	4.4	75
32	Polarization Reconfigurable Broadband Rectenna With Tunable Matching Network for Microwave Power Transmission. IEEE Transactions on Antennas and Propagation, 2016, 64, 1136-1141.	5.3	74
33	A Tunable Bandstop Resonator Based on a Compact Slotted Ground Structure. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 1912-1918.	4.7	72
34	Multilocus Sequence Analysis of the Marine Bacterial Genus Tenacibaculum Suggests Parallel Evolution of Fish Pathogenicity and Endemic Colonization of Aquaculture Systems. Applied and Environmental Microbiology, 2014, 80, 5503-5514.	3.2	72
35	On the Design of Ultrawideband Circuit Analog Absorber Based on Quasi-Single-Layer FSS. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 591-595.	4.4	72
36	Wide-Beam SIW-Slot Antenna for Wide-Angle Scanning Phased Array. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 1638-1641.	4.4	71

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37	Novel Design of Wilkinson Power Dividers With Arbitrary Power Division Ratios. IEEE Transactions on Industrial Electronics, 2011, 58, 2541-2546.	8.2	70
38	A Dual-Polarized Pattern Reconfigurable Yagi Patch Antenna for Microbase Stations. IEEE Transactions on Antennas and Propagation, 2017, 65, 5095-5102.	5.3	68
39	Mosquito larvicidal activity of thymol from essential oil of Coleus aromaticus Benth. against Culex tritaeniorhynchus, Aedes albopictus, and Anopheles subpictus (Diptera: Culicidae). Parasitology Research, 2013, 112, 3713-3721.	1.6	65
40	2-D Planar Wide-Angle Scanning-Phased Array Based on Wide-Beam Elements. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 876-879.	4.4	64
41	A Low-Profile Wideband Hybrid Metasurface Antenna Array for 5G and WiFi Systems. IEEE Transactions on Antennas and Propagation, 2020, 68, 665-671.	5.3	63
42	Bandwidth-enhancing ultralow-profile compact patch antenna. IEEE Transactions on Antennas and Propagation, 2005, 53, 3443-3447.	5.3	62
43	A Dual-Band Circularly Polarized Planar Monopole Antenna for WLAN/Wi-Fi Applications. IEEE Antennas and Wireless Propagation Letters, 2016, 15, 670-673.	4.4	62
44	A Novel Wide-Angle Scanning Phased Array Based on Dual-Mode Pattern-Reconfigurable Elements. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 396-399.	4.4	61
45	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.	5.3	60
46	Circularly Polarized Beam-Steering Antenna Array With Butler Matrix Network. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 1278-1281.	4.4	59
47	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.	4.4	59
48	Thermally induced variation of primary wave velocity in granite from Yantai: Experimental and modeling results. International Journal of Thermal Sciences, 2017, 114, 320-326.	4.9	59
49	A COMPACT SQUARE LOOP DUAL-MODE BANDPASS FILTER WITH WIDE STOP-BAND. Progress in Electromagnetics Research, 2007, 77, 67-73.	4.7	57
50	Wideband and Dual-Band Design of a Printed Dipole Antenna. IEEE Antennas and Wireless Propagation Letters, 2008, 7, 1-4.	4.4	57
51	Dual-Polarized and Wide-Angle Scanning Microstrip Phased Array. IEEE Transactions on Antennas and Propagation, 2018, 66, 3775-3780.	5.3	57
52	Molecular characterization of the t(2;5) (p23; q35) translocation in anaplastic large cell lymphoma (Ki-1) and Hodgkin's disease. Blood, 1996, 87, 1081-1088.	1.4	57
53	Dynamic Adjustment Kernel Extreme Learning Machine for Microwave Component Design. IEEE Transactions on Microwave Theory and Techniques, 2018, 66, 4452-4461.	4.7	56
54	COMPACT BROADBAND DUAL-BAND BANDPASS FILTERS USING SLOTTED GROUND STRUCTURES. Progress in Electromagnetics Research, 2008, 82, 151-166.	4.7	54

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55	A Wide-Angle Scanning Phased Array With Microstrip Patch Mode Reconfiguration Technique. IEEE Transactions on Antennas and Propagation, 2017, 65, 4548-4555.	5.3	53
56	On the Design of Wideband Absorber Based on Multilayer and Multiresonant FSS Array. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 284-288.	4.4	53
57	A Novel Ultra-Wideband Differential Filter Based on Microstrip Line Structures. IEEE Microwave and Wireless Components Letters, 2013, 23, 128-130.	3.3	51
58	PERFORMANCE OF IMPULSE RADIO UWB COMMUNICATIONS BASED ON TIME REVERSAL TECHNIQUE. Progress in Electromagnetics Research, 2008, 79, 401-413.	4.7	50
59	Circularly Polarized Reconfigurable Crossed-Yagi Patch Antenna. IEEE Antennas and Propagation Magazine, 2011, 53, 65-80.	1.7	50
60	Wideband Impedance Model for Coaxial Through-Silicon Vias in 3-D Integration. IEEE Transactions on Electron Devices, 2013, 60, 2498-2504.	3.2	49
61	Computed Tomography Perfusion After Thrombectomy. Stroke, 2020, 51, 1736-1742.	5.3	49
62	Pattern reconfigurable leaky-wave antenna design by FDTD method and Floquet's Theorem. IEEE Transactions on Antennas and Propagation, 2005, 53, 1845-1848.	5.3	48
63	An Azimuth-Pattern-Reconfigurable Antenna With Enhanced Gain and Front-to-Back Ratio. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2303-2306.	4.4	48
64	A NUMERICAL STUDY ON TIME- REVERSAL ELECTROMAGNETIC WAVE FOR INDOOR ULTRA-WIDEBAND SIGNAL TRANSMISSION. Progress in Electromagnetics Research, 2007, 77, 329-342.	4.7	47
65	Compact Surface-Wave Assisted Beam-Steerable Antenna Based on HIS. IEEE Transactions on Antennas and Propagation, 2014, 62, 3511-3519.	5.3	47
66	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.	3.3	47
67	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
68	Improved Performance of a Microstrip Phased Array Using Broadband and Ultra-Low-Loss Metamaterial Slabs. IEEE Antennas and Propagation Magazine, 2011, 53, 31-41.	1.7	45
69	Changes of orexin A plasma levels in girls with anorexia nervosa during eight weeks of realimentation. International Journal of Eating Disorders, 2011, 44, 547-552.	4.6	43
70	Inverse Artificial Neural Network for Multiobjective Antenna Design. IEEE Transactions on Antennas and Propagation, 2021, 69, 6651-6659.	5.3	43
71	Switched Band-Notched UWB/Dual-Band WLAN Slot Antenna With Inverted S-Shaped Slots. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 572-575.	4.4	42
72	A REFLECTARRAY ANTENNA BACKED ON FSS FOR LOW RCS AND HIGH RADIATION PERFORMANCES. Progress in Electromagnetics Research C, 2010, 15, 145-155.	0.9	41

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73	Efficient gradient-based optimisation of pixel antenna with large-scale connections. IET Microwaves, Antennas and Propagation, 2018, 12, 385-389.	1.4	41
74	Age- and Sex-Specific Burden of Cardiovascular Disease Attributable to 5 Major and Modifiable Risk Factors in 10 Asian Countries of the Western Pacific Region. Circulation Journal, 2015, 79, 1662-1674.	1.6	40
75	A Compact Dual-Band Dual-Polarized Loop-Slot Planar Antenna. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1742-1745.	4.4	40
76	Low-Profile Pattern-Reconfigurable Vertically Polarized Endfire Antenna With Magnetic-Current Radiators. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 829-832.	4.4	40
77	Design of Low-Profile Microstrip Antenna with Enhanced Bandwidth and Reduced Size. IEEE Transactions on Antennas and Propagation, 2006, 54, 1594-1599.	5.3	38
78	SPATIAL FOCUSING CHARACTERISTICS OF TIME REVERSAL UWB PULSE TRANSMISSION WITH DIFFERENT ANTENNA ARRAYS. Progress in Electromagnetics Research B, 2008, 2, 223-232.	1.0	38
79	Nonlinear vibrational resonance. Physical Review E, 2013, 88, 042904.	2.1	38
80	Search for Narrow Resonances in the $b\bar{b}$ -Tagged Dijet Mass Spectrum in Proton-Proton Collisions at $\sqrt{s}=7$ TeV. Physical Review Letters, 2018, 120, 201801.	8.0	38
81	Beam-Scanning Microstrip Quasi-Yagi Antenna Based on Hybrid Metal-Graphene Materials. IEEE Photonics Technology Letters, 2018, 30, 1127-1130.	2.5	38
82	Scanning Range Expansion of Planar Phased Arrays Using Metasurfaces. IEEE Transactions on Antennas and Propagation, 2020, 68, 1402-1410.	5.3	38
83	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.	3.3	37
84	Optically Controlled Reconfigurable Band-Notched UWB Antenna for Cognitive Radio Applications. IEEE Photonics Technology Letters, 2014, 26, 2173-2176.	2.5	37
85	Antenna Radiation Characteristics Optimization by a Hybrid Topological Method. IEEE Transactions on Antennas and Propagation, 2017, 65, 2843-2854.	5.3	37
86	A novel frequency-reconfigurable patch antenna. Microwave and Optical Technology Letters, 2003, 36, 295-297.	1.5	36
87	Numerical Dispersion Analysis and Key Parameter Selection in Laguerre-FDTD Method. IEEE Microwave and Wireless Components Letters, 2013, 23, 629-631.	3.3	36
88	A metamaterial-based compact broadband planar monopole MIMO antenna with high isolation. Microwave and Optical Technology Letters, 2020, 62, 2965-2970.	1.5	36
89	Search for Z^0 resonances decaying to $\tau^+\tau^-$ final states in pp collisions at $\sqrt{s}=7$ TeV. Physical Review D, 2013, 87, .	4.8	35
90	Ultrawideband, Wide-Angle Scanning Array With Compact, Single-Layer Feeding Network. IEEE Transactions on Antennas and Propagation, 2020, 68, 2788-2796.	5.3	35

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91	Dual-Band Wide-Angle Scanning Phased Array Composed of SIW-Cavity Backed Elements. IEEE Transactions on Antennas and Propagation, 2018, 66, 2678-2683.	5.3	34
92	ADE-Laguerre-FDTD Method for Wave Propagation in General Dispersive Materials. IEEE Microwave and Wireless Components Letters, 2013, 23, 228-230.	3.3	33
93	Modeling of electromagnetic radiation-induced from a magnetostrictive/piezoelectric laminated composite. Physics Letters, Section A: General, Atomic and Solid State Physics, 2021, 385, 126959.	2.2	33
94	Time Reversal Based Broadband Synthesis Method for Arbitrarily Structured Beam-Steering Arrays. IEEE Transactions on Antennas and Propagation, 2012, 60, 164-173.	5.3	32
95	A Pattern-Reconfigurable Planar Fractal Antenna and its Characteristic-Mode Analysis. IEEE Antennas and Propagation Magazine, 2007, 49, 68-75.	1.7	31
96	Multibranch Artificial Neural Network Modeling for Inverse Estimation of Antenna Array Directivity. IEEE Transactions on Antennas and Propagation, 2020, 68, 4417-4427.	5.3	31
97	Pattern-reconfigurable quasi-yagi microstrip antenna using a photonic band gap structure. Microwave and Optical Technology Letters, 2004, 42, 296-297.	1.5	29
98	WIDEBAND X-BAND MICROSTRIP BUTLER MATRIX. Progress in Electromagnetics Research, 2007, 74, 131-140.	4.7	29
99	An Efficient Domain Decomposition Laguerre-FDTD Method for Two-Dimensional Scattering Problems. IEEE Transactions on Antennas and Propagation, 2013, 61, 2639-2645.	5.3	29
100	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.	5.3	29
101	Post-Time-Reversed MIMO Ultrawideband Transmission Scheme. IEEE Transactions on Antennas and Propagation, 2010, 58, 1731-1738.	5.3	28
102	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.	5.3	28
103	Gene Expression Profiling of Acute Lymphoblastic Leukemia in Children with Very Early Relapse. Archives of Medical Research, 2016, 47, 644-655.	3.5	28
104	A BEVELED AND SLOT-LOADED PLANAR BOW-TIE ANTENNA FOR UWB APPLICATION. Progress in Electromagnetics Research M, 2008, 2, 37-46.	0.9	27
105	Compact rat��ce ring coupler with capacitor loading. Microwave and Optical Technology Letters, 2010, 52, 7-9.	1.5	27
106	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.	5.3	27
107	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.	4.4	27
108	A Central Small Amino Acid in the VAMP2 Transmembrane Domain Regulates the Fusion Pore in Exocytosis. Scientific Reports, 2017, 7, 2835.	3.4	27

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109	Characterization and catalytic behavior of hydrotalcite-derived Ni-Al catalysts for methane decomposition. International Journal of Hydrogen Energy, 2020, 45, 17299-17310.	7.2	27
110	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.	5.3	26
111	Wide-angle scanning planar array with quasi-hemispherical-pattern elements. Scientific Reports, 2017, 7, 2729.	3.4	26
112	Horizontal Dipole Located Close to Ground Plane With Bidirectional Endfire Radiation. IEEE Antennas and Wireless Propagation Letters, 2014, 13, 1144-1147.	4.4	24
113	Topology Optimization of Conical-Beam Antennas Exploiting Rotational Symmetry. IEEE Transactions on Antennas and Propagation, 2018, 66, 2254-2261.	5.3	24
114	Dual-Wideband High-Gain Fabry-Perot Cavity Antenna. IEEE Access, 2020, 8, 4754-4760.	4.4	24
115	Immunohistologischer Nachweis von Chlamydia psittaci/pecorum und C. trachomatis im Ferkel-Darm. Zoonoses and Public Health, 1995, 42, 266-276.	1.4	23
116	Morphology changes in bainite formed under stress. Scripta Materialia, 2006, 54, 2185-2189.	5.3	22
117	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.	4.4	22
118	Radiation Pattern Calculation for Arbitrary Conformal Arrays that Include mutual-coupling effects. IEEE Antennas and Propagation Magazine, 2010, 52, 57-63.	1.7	22
119	Far-field subwavelength imaging with near-field resonant metalens scanning at microwave frequencies. Scientific Reports, 2015, 5, 11131.	3.4	22
120	Search for rare decays of Z and Higgs bosons to J/ψ and a photon in proton-proton collisions at $\sqrt{s} = 13$ TeV. European Physical Journal C, 2019, 79, 94.	4.0	22
121	Metasurface-based wideband, low-profile, and high-gain antenna. IET Microwaves, Antennas and Propagation, 2019, 13, 436-441.	1.4	22
122	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.	5.3	22
123	An Efficient Artificial Neural Network Model for Inverse Design of Metasurfaces. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1013-1017.	4.4	22
124	Sub-wavelength Array With Embedded Chirped Delay Lines Based on Time Reversal Technique. IEEE Transactions on Antennas and Propagation, 2013, 61, 2868-2873.	5.3	21
125	A Broadband and Electrically Small Planar Monopole Employing Metamaterial Transmission Line. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 1018-1021.	4.4	21
126	A Two-Channel Frequency Reconfigurable Rectenna for Microwave Power Transmission and Data Communication. IEEE Transactions on Antennas and Propagation, 2017, 65, 6976-6985.	5.3	21

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127	Efficient Compact 2-D Time-Domain Method With Weighted Laguerre Polynomials. IEEE Transactions on Electromagnetic Compatibility, 2006, 48, 442-448.	2.4	20
128	Radiation Pattern Computation of Pyramidal Conformal Antenna Array with Active-Element Pattern Technique. IEEE Antennas and Propagation Magazine, 2011, 53, 28-37.	1.7	20
129	Research on epoxy resin decomposition under microwave heating by using ReaxFF molecular dynamics simulations. RSC Advances, 2014, 4, 17083-17090.	3.7	20
130	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.	4.4	20
131	Challenges and Opportunities With Oncology Drug Development in China. Clinical Pharmacology and Therapeutics, 2019, 105, 363-375.	4.9	20
132	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.	4.4	20
133	Simultaneous analytical characterisation of two ultrashort laser pulses using spectrally resolved interferometric correlations. Optics Express, 2006, 14, 4538.	3.4	19
134	Novel Broadband Reflectarray Antenna with Windmill-Shaped Elements for Millimeter-Wave Application. Journal of Infrared, Millimeter and Terahertz Waves, 2007, 28, 339-344.	0.7	19
135	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.	5.3	19
136	Impedance Matching Design of a Low-Profile Wide-Angle Scanning Phased Array. IEEE Transactions on Antennas and Propagation, 2019, 67, 6401-6409.	5.3	19
137	Semisupervised Radial Basis Function Neural Network With an Effective Sampling Strategy. IEEE Transactions on Microwave Theory and Techniques, 2020, 68, 1260-1269.	4.7	19
138	Wide-Angle, Ultra-Wideband, Polarization-Independent Circuit Analog Absorbers. IEEE Transactions on Antennas and Propagation, 2022, 70, 7276-7281.	5.3	19
139	Investigation of the interaction between isomeric derivatives and human serum albumin by fluorescence spectroscopy and molecular modeling. Journal of Luminescence, 2014, 154, 8-14.	3.2	18
140	Hoxb13 a potential prognostic biomarker for prostate cancer. Frontiers in Bioscience - Elite, 2016, 8, 40-45.	1.8	18
141	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.	5.3	18
142	Design of MIMO Antenna Isolation Structure Based on a Hybrid Topology Optimization Method. IEEE Transactions on Antennas and Propagation, 2019, 67, 6298-6307.	5.3	18
143	An ANN-Based Synthesis Method for Nonuniform Linear Arrays Including Mutual Coupling Effects. IEEE Access, 2020, 8, 144015-144026.	4.4	18
144	Tunable topological edge and corner states in an all-dielectric photonic crystal. Optics Express, 2022, 30, 40515.	3.4	18

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145	Evidence for linkage by transmission disequilibrium test analysis of a chromosome 22 microsatellite marker D22S278 and bipolar disorder in a Palestinian Arab population. American Journal of Medical Genetics Part A, 2000, 96, 836-838.	2.3	17
146	Improved self-adaptive genetic algorithm with quantum scheme for electromagnetic optimisation. IET Microwaves, Antennas and Propagation, 2014, 8, 965-972.	1.4	17
147	Renormalized Energy Between Vortices in Some Ginzburg-Landau Models on 2-Dimensional Riemannian Manifolds. Archive for Rational Mechanics and Analysis, 2021, 239, 1577-1666.	2.4	17
148	Nearly PML for ADE-WLP-FDTD Modeling in Two-Dimensional Dispersive Media. IEEE Microwave and Wireless Components Letters, 2014, 24, 75-77.	3.3	16
149	Fault location in distribution feeders with optimally placed PMU's. , 2015, , .		16
150	A Wideband Phased Array With Broad Scanning Range and Wide-Angle Impedance Matching. IEEE Transactions on Antennas and Propagation, 2020, 68, 6022-6031.	5.3	16
151	Efficient Inverse Extreme Learning Machine for Parametric Design of Metasurfaces. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 992-996.	4.4	16
152	Shaping Electric Field Intensity via Angular Spectrum Projection and the Linear Superposition Principle. IEEE Transactions on Antennas and Propagation, 2020, 68, 8249-8254.	5.3	16
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