

Bing-Zhong Wang

List of Publications by Citations

Source: <https://exaly.com/author-pdf/7506298/bing-zhong-wang-publications-by-citations.pdf>

Version: 2024-04-23

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

348
papers

4,260
citations

35
h-index

50
g-index

467
ext. papers

5,674
ext. citations

3
avg, IF

6.01
L-index

#	Paper	IF	Citations
348	An Ultrathin and Broadband Radar Absorber Using Resistive FSS. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012 , 11, 748-751	3.8	145
347	Yagi Patch Antenna With Dual-Band and Pattern Reconfigurable Characteristics. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2007 , 6, 168-171	3.8	108
346	Wide-Angle Scanning Phased Array With Pattern Reconfigurable Elements. <i>IEEE Transactions on Antennas and Propagation</i> , 2011 , 59, 4071-4076	4.9	107
345	Compact UWB Antenna With Multiple Band-Notches for WiMAX and WLAN. <i>IEEE Transactions on Antennas and Propagation</i> , 2011 , 59, 1372-1376	4.9	105
344	Research on a Millimeter-Wave Phased Array With Wide-Angle Scanning Performance. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 5319-5324	4.9	84
343	TWO NOVEL BAND-NOTCHED UWB SLOT ANTENNAS FED BY MICROSTRIP LINE. <i>Progress in Electromagnetics Research</i> , 2008 , 78, 209-218	3.8	82
342	Reduction of Mutual Coupling Between Patch Antennas Using a Polarization-Conversion Isolator. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 1257-1260	3.8	76
341	A Compact Slow-Wave Microstrip Branch-Line Coupler With High Performance. <i>IEEE Microwave and Wireless Components Letters</i> , 2007 , 17, 501-503	2.6	75
340	Planar Phased Array With Wide-Angle Scanning Performance Based on Image Theory. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 3908-3917	4.9	73
339	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	3.8	61
338	A Compact Frequency Reconfigurable Rectenna for 5.2- and 5.8-GHz Wireless Power Transmission. <i>IEEE Transactions on Power Electronics</i> , 2015 , 30, 6006-6010	7.2	61
337	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	4.9	59
336	A Novel Wideband Antenna With Reconfigurable Broadside and Endfire Patterns. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013 , 12, 995-998	3.8	57
335	A Tunable Bandstop Resonator Based on a Compact Slotted Ground Structure. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2007 , 55, 1912-1918	4.1	56
334	Design of Pattern Reconfigurable Antennas Based on a Two-Element Dipole Array Model. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 4867-4871	4.9	55
333	A Hybrid IWO/PSO Algorithm for Pattern Synthesis of Conformal Phased Arrays. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 2328-2332	4.9	53
332	An Improved PSO Algorithm and Its Application to UWB Antenna Design. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013 , 12, 1236-1239	3.8	50

331	Novel Design of Wilkinson Power Dividers With Arbitrary Power Division Ratios. <i>IEEE Transactions on Industrial Electronics</i> , 2011 , 58, 2541-2546	8.9	50
330	Investigation of Using High Impedance Surfaces for Wide-Angle Scanning Arrays. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 2895-2901	4.9	48
329	Polarization Reconfigurable Broadband Rectenna With Tunable Matching Network for Microwave Power Transmission. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 1136-1141	4.9	47
328	Bandwidth-enhancing ultralow-profile compact patch antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2005 , 53, 3443-3447	4.9	46
327	A Wide-Angle Scanning Planar Phased Array with Pattern Reconfigurable Magnetic Current Element. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 1434-1439	4.9	44
326	A Dual-Polarized Pattern Reconfigurable Yagi Patch Antenna for Microbase Stations. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 5095-5102	4.9	41
325	Planar Wide-Angle Scanning Phased Array With Pattern-Reconfigurable Windmill-Shaped Loop Elements. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 932-936	4.9	41
324	A COMPACT SQUARE LOOP DUAL-MODE BANDPASS FILTER WITH WIDE STOP-BAND. <i>Progress in Electromagnetics Research</i> , 2007 , 77, 67-73	3.8	41
323	COMPACT BROADBAND DUAL-BAND BANDPASS FILTERS USING SLOTTED GROUND STRUCTURES. <i>Progress in Electromagnetics Research</i> , 2008 , 82, 151-166	3.8	40
322	A Circularly Polarized Implantable Antenna for 2.4-GHz ISM Band Biomedical Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 2554-2557	3.8	39
321	Circularly Polarized Beam-Steering Antenna Array With Butler Matrix Network. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2011 , 10, 1278-1281	3.8	39
320	Multiparameter Modeling With ANN for Antenna Design. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 3718-3723	4.9	38
319	A Wide-Angle Scanning and Low Sidelobe Level Microstrip Phased Array Based on Genetic Algorithm Optimization. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 805-810	4.9	38
318	A Novel Ultra-Wideband Differential Filter Based on Microstrip Line Structures. <i>IEEE Microwave and Wireless Components Letters</i> , 2013 , 23, 128-130	2.6	38
317	A Dual-Band Circularly Polarized Planar Monopole Antenna for WLAN/Wi-Fi Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2016 , 15, 670-673	3.8	37
316	Dynamic Adjustment Kernel Extreme Learning Machine for Microwave Component Design. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2018 , 66, 4452-4461	4.1	37
315	Wideband and Dual-Band Design of a Printed Dipole Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2008 , 7, 1-4	3.8	36
314	PERFORMANCE OF IMPULSE RADIO UWB COMMUNICATIONS BASED ON TIME REVERSAL TECHNIQUE. <i>Progress in Electromagnetics Research</i> , 2008 , 79, 401-413	3.8	36

313	Wideband Impedance Model for Coaxial Through-Silicon Vias in 3-D Integration. <i>IEEE Transactions on Electron Devices</i> , 2013 , 60, 2498-2504	2.9	35
312	Circularly Polarized Reconfigurable Crossed-Yagi Patch Antenna. <i>IEEE Antennas and Propagation Magazine</i> , 2011 , 53, 65-80	1.7	34
311	Pattern reconfigurable leaky-wave antenna design by FDTD method and Floquet's Theorem. <i>IEEE Transactions on Antennas and Propagation</i> , 2005 , 53, 1845-1848	4.9	34
310	2-D Planar Wide-Angle Scanning-Phased Array Based on Wide-Beam Elements. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 876-879	3.8	33
309	Improved Performance of a Microstrip Phased Array Using Broadband and Ultra-Low-Loss Metamaterial Slabs. <i>IEEE Antennas and Propagation Magazine</i> , 2011 , 53, 31-41	1.7	33
308	A NUMERICAL STUDY ON TIME- REVERSAL ELECTROMAGNETIC WAVE FOR INDOOR ULTRA-WIDEBAND SIGNAL TRANSMISSION. <i>Progress in Electromagnetics Research</i> , 2007 , 77, 329-342	3.8	33
307	Wide-Beam SIW-Slot Antenna for Wide-Angle Scanning Phased Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2016 , 15, 1638-1641	3.8	32
306	A hybrid 2-D ADI-FDTD subgridding scheme for modeling on-chip interconnects. <i>IEEE Transactions on Advanced Packaging</i> , 2001 , 24, 528-533		32
305	Compact Surface-Wave Assisted Beam-Steerable Antenna Based on HIS. <i>IEEE Transactions on Antennas and Propagation</i> , 2014 , 62, 3511-3519	4.9	31
304	SPATIAL FOCUSING CHARACTERISTICS OF TIME REVERSAL UWB PULSE TRANSMISSION WITH DIFFERENT ANTENNA ARRAYS. <i>Progress in Electromagnetics Research B</i> , 2008 , 2, 223-232	0.7	31
303	On the Design of Ultrawideband Circuit Analog Absorber Based on Quasi-Single-Layer FSS. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 591-595	3.8	30
302	Efficient gradient-based optimisation of pixel antenna with large-scale connections. <i>IET Microwaves, Antennas and Propagation</i> , 2018 , 12, 385-389	1.6	30
301	A novel frequency-reconfigurable patch antenna. <i>Microwave and Optical Technology Letters</i> , 2003 , 36, 295-297	1.2	30
300	A Novel Wide-Angle Scanning Phased Array Based on Dual-Mode Pattern-Reconfigurable Elements. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 396-399	3.8	29
299	An Azimuth-Pattern-Reconfigurable Antenna With Enhanced Gain and Front-to-Back Ratio. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 2303-2306	3.8	29
298	Wide-Beam Circularly Polarized Microstrip Magnetic-Electric Dipole Antenna for Wide-Angle Scanning Phased Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 428-431	3.8	28
297	ADE-Laguerre-FDTD Method for Wave Propagation in General Dispersive Materials. <i>IEEE Microwave and Wireless Components Letters</i> , 2013 , 23, 228-230	2.6	27
296	A Wide-Angle Scanning Phased Array With Microstrip Patch Mode Reconfiguration Technique. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 4548-4555	4.9	27

295	A Compact Dual-Band Dual-Polarized Loop-Slot Planar Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 1742-1745	3.8	26
294	Numerical Dispersion Analysis and Key Parameter Selection in Laguerre-FDTD Method. <i>IEEE Microwave and Wireless Components Letters</i> , 2013 , 23, 629-631	2.6	26
293	A REFLECTARRAY ANTENNA BACKED ON FSS FOR LOW RCS AND HIGH RADIATION PERFORMANCES. <i>Progress in Electromagnetics Research C</i> , 2010 , 15, 145-155	0.9	26
292	A Compact Half-Mode Substrate Integrated Waveguide Bandpass Filter With Wide Out-of-Band Rejection. <i>IEEE Microwave and Wireless Components Letters</i> , 2016 , 26, 501-503	2.6	26
291	Low-Profile Pattern-Reconfigurable Vertically Polarized Endfire Antenna With Magnetic-Current Radiators. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 829-832	3.8	25
290	A novel uniplanar compact photonic bandgap power plane with ultra-broadband suppression of ground bounce noise. <i>IEEE Microwave and Wireless Components Letters</i> , 2006 , 16, 267-268	2.6	25
289	Time Reversal Based Broadband Synthesis Method for Arbitrarily Structured Beam-Steering Arrays. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 164-173	4.9	24
288	Switched Band-Notched UWB/Dual-Band WLAN Slot Antenna With Inverted S-Shaped Slots. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012 , 11, 572-575	3.8	24
287	Dual-Polarized and Wide-Angle Scanning Microstrip Phased Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 3775-3780	4.9	23
286	. <i>IEEE Photonics Technology Letters</i> , 2014 , 26, 2173-2176	2.2	23
285	. <i>IEEE Transactions on Antennas and Propagation</i> , 2010 , 58, 1731-1738	4.9	23
284	WIDEBAND X-BAND MICROSTRIP BUTLER MATRIX. <i>Progress in Electromagnetics Research</i> , 2007 , 74, 131-140	3.8	23
283	A Low-Profile Wideband Hybrid Metasurface Antenna Array for 5G and WiFi Systems. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 665-671	4.9	23
282	Dual-Band Wide-Angle Scanning Phased Array Composed of SIW-Cavity Backed Elements. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 2678-2683	4.9	22
281	A Pattern-Reconfigurable Planar Fractal Antenna and its Characteristic-Mode Analysis. <i>IEEE Antennas and Propagation Magazine</i> , 2007 , 49, 68-75	1.7	22
280	Design of low-profile microstrip antenna with enhanced bandwidth and reduced size. <i>IEEE Transactions on Antennas and Propagation</i> , 2006 , 54, 1594-1599	4.9	22
279	Pattern-reconfigurable quasi-yagi microstrip antenna using a photonic band gap structure. <i>Microwave and Optical Technology Letters</i> , 2004 , 42, 296-297	1.2	22
278	An Optimized Higher Order PML in Domain Decomposition WLP-FDTD Method for Time Reversal Analysis. <i>IEEE Transactions on Antennas and Propagation</i> , 2016 , 64, 4374-4383	4.9	21

277	Beam-Scanning Microstrip Quasi-Yagi-Uda Antenna Based on Hybrid Metal-Graphene Materials. <i>IEEE Photonics Technology Letters</i> , 2018 , 30, 1127-1130	2.2	21
276	Far-field subwavelength imaging with near-field resonant metalens scanning at microwave frequencies. <i>Scientific Reports</i> , 2015 , 5, 11131	4.9	20
275	An Efficient Domain Decomposition Laguerre-FDTD Method for Two-Dimensional Scattering Problems. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 2639-2645	4.9	20
274	A BEVELED AND SLOT-LOADED PLANAR BOW-TIE ANTENNA FOR UWB APPLICATION. <i>Progress in Electromagnetics Research M</i> , 2008 , 2, 37-46	0.6	20
273	Compact rat-race ring coupler with capacitor loading. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 7-9	1.2	19
272	Antenna Radiation Characteristics Optimization by a Hybrid Topological Method. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 2843-2854	4.9	18
271	Scanning Range Expansion of Planar Phased Arrays Using Metasurfaces. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 1402-1410	4.9	17
270	Horizontal Dipole Located Close to Ground Plane With Bidirectional Endfire Radiation. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014 , 13, 1144-1147	3.8	17
269	Novel Flexible Dual-Frequency Broadside Radiating Rectangular Patch Antennas Based on Complementary Planar ENZ or MNZ Metamaterials. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 3958-3961	4.9	17
268	Sub-wavelength Array With Embedded Chirped Delay Lines Based on Time Reversal Technique. <i>IEEE Transactions on Antennas and Propagation</i> , 2013 , 61, 2868-2873	4.9	17
267	Design and Realization of a GA-Optimized VHF/UHF Antenna With "On-Body" Matching Network. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2010 , 9, 303-306	3.8	17
266	Subwavelength Array of Planar Monopoles With Complementary Split Rings Based on Far-Field Time Reversal. <i>IEEE Transactions on Antennas and Propagation</i> , 2011 , 59, 4345-4350	4.9	17
265	Nearly PML for ADE-WLP-FDTD Modeling in Two-Dimensional Dispersive Media. <i>IEEE Microwave and Wireless Components Letters</i> , 2014 , 24, 75-77	2.6	15
264	Improved self-adaptive genetic algorithm with quantum scheme for electromagnetic optimisation. <i>IET Microwaves, Antennas and Propagation</i> , 2014 , 8, 965-972	1.6	15
263	Efficient compact 2-D time-domain method with weighted Laguerre polynomials. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2006 , 48, 442-448	2	15
262	. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 2788-2796	4.9	15
261	Research on epoxy resin decomposition under microwave heating by using ReaxFF molecular dynamics simulations. <i>RSC Advances</i> , 2014 , 4, 17083-17090	3.7	14
260	. <i>IEEE Transactions on Antennas and Propagation</i> , 2017 , 65, 6976-6985	4.9	14

259	Novel Broadband Reflectarray Antenna with Windmill-Shaped Elements for Millimeter-Wave Application. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2007 , 28, 339-344		14
258	On the Design of Wideband Absorber Based on Multilayer and Multiresonant FSS Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 284-288	3.8	14
257	Far-Field Super-Resolution Imaging With Compact and Multifrequency Planar Resonant Lens Based on Time Reversal. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 5586-5592	4.9	13
256	. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 220-230	4.9	13
255	Radiation Pattern Calculation for Arbitrary Conformal Arrays that Include mutual-coupling effects. <i>IEEE Antennas and Propagation Magazine</i> , 2010 , 52, 57-63	1.7	13
254	Topology Optimization of Conical-Beam Antennas Exploiting Rotational Symmetry. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 2254-2261	4.9	12
253	Dual-Band and Low-Profile Differentially Fed Slot Antenna for Wide-Angle Scanning Phased Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 259-262	3.8	12
252	Wide-angle scanning planar array with quasi-hemispherical-pattern elements. <i>Scientific Reports</i> , 2017 , 7, 2729	4.9	12
251	Compact Multiport Antenna With Radiator-Sharing Approach and Its Performance Evaluation of Time Reversal in an Intra-Car Environment. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 4213-4219	4.9	11
250	. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 7348-7357	4.9	11
249	An RFID Multicriteria Coarse- and Fine-Space Tag Antenna Design. <i>IEEE Transactions on Industrial Electronics</i> , 2011 , 58, 2522-2530	8.9	11
248	Compact Wideband Unidirectional Antenna With a Reflector Connected to the Ground Using a Stub. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2011 , 10, 1186-1189	3.8	11
247	A metamaterial-based compact broadband planar monopole MIMO antenna with high isolation. <i>Microwave and Optical Technology Letters</i> , 2020 , 62, 2965-2970	1.2	10
246	Dual-Wideband High-Gain Fabry-Perot Cavity Antenna. <i>IEEE Access</i> , 2020 , 8, 4754-4760	3.5	10
245	Planar Microstrip Endfire Antenna With Multiport Feeding. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2016 , 15, 556-559	3.8	10
244	Researches on pattern reconfigurable antenna and its application in phased array 2011 ,		10
243	Metasurface-based wideband, low-profile, and high-gain antenna. <i>IET Microwaves, Antennas and Propagation</i> , 2019 , 13, 436-441	1.6	10
242	An Efficient Hybrid Method of Iterative MoM-PO and Equivalent Dipole-Moment for Scattering From Electrically Large Objects. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 16, 1723-1726	3.8	9

241	Near-Field Image Restoration for Rotman Lens by Localized Angle-Time Spread Function-Based Filtering Method. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 2353-2358	4.9	9
240	Multibranch Artificial Neural Network Modeling for Inverse Estimation of Antenna Array Directivity. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 4417-4427	4.9	9
239	Broadband Low-RCS Phased Array With Wide-Angle Scanning Performance Based on the Switchable Stacked Artificial Structure. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 6452-6460	4.8	9
238	Creation of an Arbitrary Electromagnetic Illusion Using a Planar Ultrathin Metasurface. <i>IEEE Photonics Journal</i> , 2017 , 9, 1-9	1.8	9
237	Design and Time-Domain Analysis for a Novel Pattern Reconfigurable Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2011 , 10, 365-368	3.8	9
236	Tradeoff of Transmitted Power in Time-Reversed Impulse Radio Ultrawideband Communications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2009 , 8, 1426-1429	3.8	9
235	Modeling stripline discontinuities by neural network with knowledge-based neurons. <i>IEEE Transactions on Advanced Packaging</i> , 2000 , 23, 692-698		9
234	A New Unconditionally Stable FDTD Method Based on the Newmark-Beta Algorithm. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2016 , 64, 4082-4090	4.1	9
233	Far-Field Super-Resolution Imaging of Scatterers With a Time-Reversal System Aided by a Grating Plate. <i>IEEE Photonics Journal</i> , 2017 , 9, 1-8	1.8	8
232	Wireless Cloaking System Based on Time-Reversal Multipath Propagation Effects. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 1386-1391	4.9	8
231	Semisupervised Radial Basis Function Neural Network With an Effective Sampling Strategy. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020 , 68, 1260-1269	4.1	8
230	An efficient higher-order PML in WLP-FDTD method for time reversed wave simulation. <i>Journal of Computational Physics</i> , 2016 , 321, 1206-1216	4.1	8
229	Impedance Matching Design of a Low-Profile Wide-Angle Scanning Phased Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 6401-6409	4.9	8
228	Enhancement of Time-Reversal Subwavelength Wireless Transmission Using Pulse Shaping. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 4169-4174	4.9	8
227	A Broadband and Electrically Small Planar Monopole Employing Metamaterial Transmission Line. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 1018-1021	3.8	8
226	Novel folded single split ring resonator and its application to eliminate scan blindness in infinite phased array 2010 ,		8
225	Two-Element PIFA Antenna System With Inherent Performance of Low Mutual Coupling. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2009 , 8, 1223-1226	3.8	8
224	A 60-GHz Wideband Slot Antenna Based on Substrate Integrated Waveguide Cavity. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2007 , 28, 275-281		8

223	A Novel Reconfiguration CPW Leaky-Wave Antenna for Millimeter-Wave Application. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2002 , 23, 1637-1648		8
222	2-D FDTD method for exact attenuation constant extraction of lossy transmission lines. <i>IEEE Microwave and Wireless Components Letters</i> , 2004 , 14, 289-291	2.6	8
221	Inverse Artificial Neural Network for Multiobjective Antenna Design. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 1-1	4.9	8
220	Defocus noise suppression with combined frame difference and connected component methods in optical scanning holography. <i>Optics Letters</i> , 2015 , 40, 4146-9	3	7
219	A Wideband Phased Array With Broad Scanning Range and Wide-Angle Impedance Matching. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 6022-6031	4.9	7
218	Low-Profile Implementation of U-Shaped Power Quasi-Isotropic Antennas for Intra-Vehicle Wireless Communications. <i>IEEE Access</i> , 2020 , 8, 48557-48565	3.5	7
217	Design of MIMO Antenna Isolation Structure Based on a Hybrid Topology Optimization Method. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 6298-6307	4.9	7
216	A dual-frequency quasi-pifa rectenna with a robust voltage doubler for 2.45- and 5.8-GHz wireless power transmission. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 319-322	1.2	7
215	Radar cross-section reduction design for a microstrip antenna. <i>Microwave and Optical Technology Letters</i> , 2014 , 56, 1200-1204	1.2	7
214	Research on pyrolysis of toluene under microwave heating by using ReaxFF molecular dynamics simulations. <i>Molecular Physics</i> , 2014 , 112, 1724-1730	1.7	7
213	A Broadband VHF/UHF Double-Whip Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 719-724	4.9	7
212	Radiation Pattern Computation of Pyramidal Conformal Antenna Array with Active-Element Pattern Technique. <i>IEEE Antennas and Propagation Magazine</i> , 2011 , 53, 28-37	1.7	7
211	Mur Absorbing Boundary Condition for Three-Step 3-D LOD-FDTD Method. <i>IEEE Microwave and Wireless Components Letters</i> , 2010 , 20, 589-591	2.6	7
210	Trapezoidal monopole antenna and array for UWB-MIMO applications 2012 ,		7
209	Fractal Hilbert microstrip antennas with reconfigurable radiation patterns. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 352-354	1.2	7
208	Frequency and pattern reconfigurable Yagi patch antenna. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 716-719	1.2	7
207	Second-order absorbing boundary conditions for marching-on-in-order scheme. <i>IEEE Microwave and Wireless Components Letters</i> , 2006 , 16, 308-310	2.6	7
206	Closed-form impedance model for annular through-silicon via pairs in three-dimensional integration. <i>IET Microwaves, Antennas and Propagation</i> , 2015 , 9, 808-813	1.6	6

205	. <i>IEEE Access</i> , 2020 , 8, 29089-29098	3.5	6
204	High Temperature Pyrolysis of Toluene under Electromagnetic Fields at Different Frequencies. <i>ACS Sustainable Chemistry and Engineering</i> , 2016 , 4, 4573-4581	8.3	6
203	Efficient extreme learning machine with transfer functions for filter design 2017 ,		6
202	The Design of Coupled Resonator Bandpass Filter With Wide Stop-Band. <i>IEEE Microwave and Wireless Components Letters</i> , 2008 , 18, 251-253	2.6	6
201	2D full-wave finite-difference frequency-domain method for lossy metal waveguide. <i>Microwave and Optical Technology Letters</i> , 2004 , 42, 158-161	1.2	6
200	Artificial Neural Network Models for the Gap Discontinuities in Stripline Circuits. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2000 , 21, 677-688		6
199	LOW-PROFILE ON-BOARD ANTENNA WITH A BROAD BEAM BASED ON THREE-CURRENT MODEL. <i>Progress in Electromagnetics Research</i> , 2016 , 156, 13-24	3.8	6
198	Efficient Inverse Extreme Learning Machine for Parametric Design of Metasurfaces. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 992-996	3.8	6
197	. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 869-881	4.9	6
196	Parametric Modeling of Microwave Components Based on Semi-Supervised Learning. <i>IEEE Access</i> , 2019 , 7, 35890-35897	3.5	5
195	New autofocus and reconstruction method based on a connected domain. <i>Optics Letters</i> , 2018 , 43, 2201-2203	3	5
194	Performance Comparison with Different Antenna Properties in Time Reversal Ultra-Wideband Communications for Sensor System Applications. <i>Sensors</i> , 2017 , 18,	3.8	5
193	Planar array with bidirectional elements for tunnel environments. <i>Scientific Reports</i> , 2017 , 7, 15421	4.9	5
192	Compact, low-profile, HIS-based pattern-reconfigurable antenna for wide-angle scanning 2014 ,		5
191	A Small and Bandwidth-Extended Dipole Antenna With Nonperiodic Left-Handed Transmission Line Loading. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014 , 13, 1019-1022	3.8	5
190	Design of Hybrid Patch/Slot Antenna Operating in Induced TM_{120} Mode \square <i>IEEE Transactions on Antennas and Propagation</i> , 2012 , 60, 2157-2165	4.9	5
189	Compact microstrip dual-band bandpass filter with multiple transmission zeros. <i>Journal of Electromagnetic Waves and Applications</i> , 2013 , 27, 930-937	1.3	5
188	A Ka-Band Monopulse Microstrip Antenna Array 2008 ,		5

187	A wideband microstrip bandpass filter for ultra-wideband wireless communication application. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 1975-1976	1.2	5
186	Element-free Galerkin method for transient electromagnetic field simulation. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 134-138	1.2	5
185	Space-domain finite-difference and time-domain moment method for electromagnetic simulation. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2006 , 48, 10-18	2	5
184	A Planar Wide-Angle Scanning Phased Array With X -, Ku -, and K -Band RCS Reduction. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 4103-4108	4.9	5
183	Synthesis of Nonuniformly Spaced Arrays With Frequency-Invariant Shaped Patterns by Sequential Convex Optimization. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 1093-1097	3.8	5
182	Modeling of electromagnetic radiation-induced from a magnetostrictive/piezoelectric laminated composite. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2021 , 385, 126959	2.3	5
181	A reconfigurable dual-mode bandpass filter based on substrate integrated waveguide. <i>Microwave and Optical Technology Letters</i> , 2017 , 59, 934-937	1.2	4
180	Efficient construction and solution of MoM matrix equation with compressed sensing technique. <i>Journal of Electromagnetic Waves and Applications</i> , 2015 , 29, 683-692	1.3	4
179	Recursively Convolutional CFS-PML in 3-D Laguerre-FDTD Scheme for Arbitrary Media. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2018 , 66, 2070-2079	4.1	4
178	. <i>IEEE Transactions on Antennas and Propagation</i> , 2019 , 67, 4883-4888	4.9	4
177	Design of a broadband negative planar material with low frequency dispersion. <i>Applied Physics A: Materials Science and Processing</i> , 2012 , 106, 821-828	2.6	4
176	Time-Reversal Focusing Beyond the Diffraction Limit Using Near-Field Auxiliary Sources. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2017 , 1-1	3.8	4
175	Time Reversal of Electromagnetic Waves Using the Dispersion Compensation Approach. <i>IEEE Photonics Journal</i> , 2015 , 7, 1-7	1.8	4
174	Time-reversal ESPRIT imaging method for the detection of single target. <i>Journal of Electromagnetic Waves and Applications</i> , 2014 , 28, 634-640	1.3	4
173	Design of Compact, Low-Profile, Wideband, Dual-Frequency Patch Antennas Based on Complementary Co-Directional SRRs. <i>IEEE Antennas and Propagation Magazine</i> , 2014 , 56, 72-89	1.7	4
172	Polycentric spatial focus of time-reversal electromagnetic field in rectangular conductor cavity. <i>Optics Express</i> , 2013 , 21, 26657-62	3.3	4
171	Novel design for low-RCS screens using a combination of dual-AMC 2009 ,		4
170	Research on broadband characteristics of double folded-slot antenna with back ground conductor. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 1829-1833	1.2	4

169	Dual-Band Bi-Directional Pattern Reconfigurable Fractal Patch Antenna for Millimeter Wave Application. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2007 , 28, 25-31		4
168	Two-port reconfigurable Hilbert curve patch antenna. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 91-93	1.2	4
167	Dual-Band Stepped-Impedance Band-Pass Filter 2006 ,		4
166	Artificial Neural Network Model for the Gap Discontinuity in Shielded Coplanar Waveguide. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2001 , 22, 1267-1276		4
165	Prediction of time reversal channel with neural network optimized by empirical knowledge based genetic algorithm. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2019 , 68, 170503	0.6	4
164	An ANN-Based Synthesis Method for Nonuniform Linear Arrays Including Mutual Coupling Effects. <i>IEEE Access</i> , 2020 , 8, 144015-144026	3.5	4
163	Uncertainty Analysis in Dispersive and Lossy Media for Ground-Penetrating Radar Modeling. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2019 , 18, 1931-1935	3.8	3
162	Full Analog Broadband Time-Reversal Module for Ultra-Wideband Communication System. <i>IEEE Photonics Journal</i> , 2019 , 11, 1-10	1.8	3
161	2019 ,		3
160	Miniaturization of patch antenna based on hybrid topology optimization. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2020 , 30, e22308	1.5	3
159	A Wideband Circularly Polarized Connected Parallel Slot Array in the Presence of a Backing Reflector. <i>IEEE Access</i> , 2020 , 8, 26517-26523	3.5	3
158	A Novel Feeding Network for Quadri-Polarization Antennas With Simultaneously Wide Impedance and Polarization Bandwidth. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 2107-2112	4.9	3
157	Agile Beamwidth Control and Directivity Enhancement for Aperture Radiation With Low-Profile Metasurfaces. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 1528-1533	4.9	3
156	Basis function selection for compressed sensing and sparse representations of pulsed radar echoes. <i>Journal of Electromagnetic Waves and Applications</i> , 2013 , 27, 2330-2340	1.3	3
155	Pattern-reconfigurable antenna for on-body communication 2013 ,		3
154	Artificial neural network with data mining techniques for antenna design 2017 ,		3
153	Experimental study of silicon-based microwave switches optically driven by LEDs. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 2768-2774	1.2	3
152	Use of Compressed Sensing in analysis of electric field integral equation by the Method of Moments 2014 ,		3

151	A linear phased array with reconfigurable dynamic Yagi-Uda patch antenna elements 2012,		3
150	Performance Improvement of Optically Controlled Microwave Switch by Introducing Complementary Split-Ring Resonator. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013 , 12, 930-932 ^{3,8}		3
149	Time-Reversal Method for Coexistence Between Ultrawideband Radios and IEEE802.11a Systems. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2011 , 53, 1065-1071	2	3
148	Node localization based on time reversal in wireless sensor network 2010,		3
147	Time reversal based channel self-adaptive OFDM in complex environment 2010,		3
146	A novel pattern reconfigurable wideband slot antenna using PIN diodes 2010,		3
145	A multipath delay model for indoor ultra-wideband systems 2012,		3
144	Compact and wideband PIFA for DCS/PCS/UMTS/WLAN communication system. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 1097-1100	1.2	3
143	Design of a broadband balun based on composite right/left handed structure. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 1310-1313	1.2	3
142	Compact microstrip power divider with both sides capacitor loading. <i>Microwave and Optical Technology Letters</i> , 2010 , 52, 1663-1664	1.2	3
141	Full-Wave Analyses of Coaxial to Waveguide Adapters by the FDTD Method. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 1998 , 19, 1121-1130		3
140	An Extended Sub-Entire Domain Basis Function Method for Finite Periodic Structures. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2008 , 7, 404-407	3.8	3
139	Compact LTCC bandpass filter design with controllable transmission zeros in the stopband. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 1919-1922	1.2	3
138	Design of Optically Controlled Microwave Switch for Reconfigurable Antenna Systems 2007,		3
137	Pattern reconfigurable patch antenna with two orthogonal quasi-Yagi arrays		3
136	A reconfigurable Hilbert curve patch antenna		3
135	Robust knowledge-based neural-network model for microstrip T-junction structure. <i>Microwave and Optical Technology Letters</i> , 2004 , 42, 257-260	1.2	3
134	Design of Reconfigurable Millimeter-Wave Patch Antenna. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2002 , 23, 1091-1099		3

133	Wideband mobile antenna design based on artificial neural network models. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2003 , 13, 316-320	1.5	3
132	Artificial Neural Network Models for the Double-Vias in Multilayer Stripline Circuits. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 1999 , 20, 1377-1387		3
131	Artificial Neural Network Models for the Bend Discontinuities in Stripline Circuits. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 1999 , 20, 1563-1579		3
130	Shaping Electric Field Intensity via Angular Spectrum Projection and the Linear Superposition Principle. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 8249-8254	4.9	3
129	Radial Basis Function Neural Network With Hidden Node Interconnection Scheme for Thinned Array Modeling. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020 , 19, 2418-2422	3.8	3
128	. <i>IEEE Access</i> , 2020 , 8, 151316-151324	3.5	3
127	An Efficient Artificial Neural Network Model for Inverse Design of Metasurfaces. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 1013-1017	3.8	3
126	Compact Reconfigurable Antenna with an Omnidirectional Pattern and Four Directional Patterns for Wireless Sensor Systems. <i>Sensors</i> , 2016 , 16,	3.8	3
125	A compact four-element multiple-input-multiple-output antenna with enhanced gain and bandwidth. <i>Microwave and Optical Technology Letters</i> , 2019 , 61, 1828-1834	1.2	3
124	Electromagnetic Scattering From Periodic Array With Object Using a New Efficient Aggregate Basis Function Method. <i>IEEE Transactions on Antennas and Propagation</i> , 2018 , 66, 4374-4379	4.9	3
123	Far-Field Sub-Wavelength Imaging of Two-Dimensional Extended Target Aided By Compact Planar Resonant Structures. <i>IEEE Photonics Journal</i> , 2018 , 10, 1-11	1.8	2
122	Time reversal of a high frequency signal based on time-varying guided wave system. <i>AEU - International Journal of Electronics and Communications</i> , 2018 , 84, 186-191	2.8	2
121	Researches on far-field super-resolution imaging based on time-reversed electromagnetics at UESTC 2016 ,		2
120	Axial localization using time reversal multiple signal classification in optical scanning holography. <i>Optics Express</i> , 2018 , 26, 3756-3771	3.3	2
119	Subwavelength Field Shaping Approach Based on Time Reversal Technique and Defective Metasurfaces. <i>IEEE Access</i> , 2019 , 7, 84629-84636	3.5	2
118	An Efficient 2-D WLP-FDTD Method Utilizing Vertex-Based Domain Decomposition Scheme. <i>IEEE Microwave and Wireless Components Letters</i> , 2015 , 25, 769-771	2.6	2
117	Low-Power Optically Controlled Patch Antenna of Reconfigurable Beams. <i>International Journal of Antennas and Propagation</i> , 2014 , 2014, 1-6	1.2	2
116	Enhanced target detection in clutter using dispersive delay lines and time reversal. <i>Electronics Letters</i> , 2014 , 50, 1480-1482	1.1	2

115	Virtual-Echo Projection Method for Suppression of Noise in UWB-SAR Imaging Systems. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2013 , 10, 53-56	4.1	2
114	Wideband antenna for ultra-wideband (UWB) body-centric wireless communications 2010 ,		2
113	Performance of UWB PPM-TH system with time reversal and its improved solution one-bit TR 2010 ,		2
112	A study of dual-mode patch resonator-based microwave filters 2010 ,		2
111	Compact coplanar design for harmonic suppression in microstrip antenna. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 1326-1329	1.2	2
110	Ultrawideband bandpass filter with a controllable notched band. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 1745-1748	1.2	2
109	Sub-wavelength spatial focusing property of time reversal electromagnetic wave in periodic metal wire array 2012 ,		2
108	Miniaturized microstrip Wilkinson power divider with EBG structure 2012 ,		2
107	High selective stepped-impedance dual-band bandpass filter. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 1964-1966	1.2	2
106	Ultra-Wideband Planar Antenna Optimized by a Multi-Objective Evolutionary Algorithm 2007 ,		2
105	Artificial Neural Network Models for Coaxial to Waveguide Adapters. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 1999 , 20, 125-136		2
104	Artificial Neural Network Models for the Crossover Discontinuities in Stripline Circuits. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 1999 , 20, 1939-1956		2
103	A UTD formula for H-polarization plane wave diffraction by a wedge with impedance faces. <i>Microwave and Optical Technology Letters</i> , 1990 , 3, 356-359	1.2	2
102	Asynchronous Focusing Time Reversal Wireless Power Transfer for Multi-Users With Equal Received Power Assignment. <i>IEEE Access</i> , 2021 , 1-1	3.5	2
101	Method to obtain the initial value for the inverse design in nanophotonics based on a time-reversal technique. <i>Optics Letters</i> , 2021 , 46, 2815-2818	3	2
100	Compact circularly polarized ZOR and for antenna employing crlh transmission lines. <i>Microwave and Optical Technology Letters</i> , 2016 , 58, 964-969	1.2	2
99	Conduction Mode Analysis and Impedance Extraction of Shielded Pair Transmission Lines. <i>IEEE Microwave and Wireless Components Letters</i> , 2016 , 26, 654-656	2.6	2
98	Wideband polarisation-insensitive metasurface with tunable near-field scattering focusing characteristic. <i>Electronics Letters</i> , 2019 , 55, 776-778	1.1	2

97	Study on an Accurate and Efficient Design Method of Resonant FSSs Based on the Macro-Model of Units in the Basic Strip-Gap FSS. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 2741-2750	4.9	2
96	. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 63-67	3.8	2
95	. <i>IEEE Access</i> , 2021 , 9, 24975-24983	3.5	2
94	Broadband Quasi-Bidirectional Antenna With Vertical Polarization. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2018 , 17, 2232-2236	3.8	2
93	Synthesis of Multiple-Pattern Planar Arrays by the Multitask Bayesian Compressive Sensing. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 20, 1587-1591	3.8	2
92	Broadband High-Gain Empty SIW Cavity-Backed Slot Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2021 , 1-1	3.8	2
91	A Compact High-Selectivity Wideband Filtering Antenna with Multipath Coupling Structure. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022 , 1-1	3.8	2
90	Near-Field Periodic Subwavelength Holey Metallic Plate for Far-Field Superresolution Focusing. <i>IEEE Photonics Journal</i> , 2017 , 9, 1-7	1.8	1
89	Using dispersive delay lines and time reversal for low contrast tumour detection. <i>Electronics Letters</i> , 2015 , 51, 678-680	1.1	1
88	Efficient hybrid method for time reversal superresolution imaging. <i>Journal of Systems Engineering and Electronics</i> , 2015 , 26, 32-37	1.3	1
87	Research on Structurally Integrated Phased Array for Wireless Communications. <i>IEEE Access</i> , 2020 , 8, 52359-52369	3.5	1
86	Hybrid sub-gridded ADE-FDTD method for modeling ground-penetrating radar on dispersive soils. <i>Journal of Electromagnetic Waves and Applications</i> , 2018 , 32, 1416-1426	1.3	1
85	Evanescent-Wave Reconstruction in Time Reversal System. <i>Frequenz</i> , 2018 , 72, 285-292	0.6	1
84	Achieving Spatial Multi-Point Focusing by Frequency Diversity Array. <i>Electronics (Switzerland)</i> , 2019 , 8, 883	2.6	1
83	Time Reversal Based Timing Acquisition for Ultra-Wideband Wireless Communications: Numerical and Experimental Study. <i>Wireless Personal Communications</i> , 2014 , 77, 3013-3026	1.9	1
82	Compact broadband linearly and circularly polarized antenna based on CRLH transmission line 2015 ,		1
81	A Two-Dimensional Nonorthogonal WLP-FDTD Method for Eigenvalue Problems. <i>IEEE Microwave and Wireless Components Letters</i> , 2013 , 23, 515-517	2.6	1
80	A high-gain LTCC horn antenna with different feeding structures 2013 ,		1

79	Scanning range increase of microstrip dipole phased array by parasitic strips. <i>Microwave and Optical Technology Letters</i> , 2017 , 59, 2501-2507	1.2	1
78	A novel printed dipole UHF RFID reader antenna 2014 ,		1
77	Analysis of Scattering from Multiple Objects by the Finite-Difference Frequency-Domain Method With an Iteration-Free Multiregion Technique. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2009 , 8, 794-797	3.8	1
76	A Compact Microstrip Branch-Line Coupler with Capacitor Loading 2008 ,		1
75	A Novel dual-band microstrip antenna for WLAN applications 2007 ,		1
74	A novel LTCC patch filter with sharp transition bands. <i>Microwave and Optical Technology Letters</i> , 2007 , 49, 989-991	1.2	1
73	STUDY OF MILLIMETER-WAVE WAVEGUIDES USING A 2-D ORDER-MARCHING TIME-DOMAIN METHOD. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2007 , 27, 1217-1225		1
72	Propagation characteristics of periodic guided wave structures with a compact finite-difference frequency-domain method. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 1941-1944	1.2	1
71	Compact LTCC bandpass filter design with controllable transmission zeros in the stopband. <i>Microwave and Optical Technology Letters</i> , 2006 , 48, 2261-2264	1.2	1
70	Analyses of bounces on power distribution networks using an unconditionally stable finite-difference time-domain method. <i>IEEE Transactions on Mobile Computing</i> , 2006 , 5, 20-27	4.6	1
69	Characteristic mode analysis of planar antenna		1
68	1D photonic band gap structures (PBG) for filter applications 2004 ,		1
67	2D FDTD Algorithm for the Analysis of Lossy and Dispersive Millimeter-Wave Coplanar Waveguide. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2003 , 24, 1553-1560		1
66	Millimeter Wave Gunn Diode Oscillator Design Based on FDTD Method*. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2005 , 26, 1417-1425		1
65	Full-Wave Analyses for Vertical Interconnections of Shielded Coplanar Waveguide. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2001 , 22, 1683-1694		1
64	Time domain transmission properties of multi-vias. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 1996 , 17, 1557-1566		1
63	FDTD simulation for the EMI properties of impedance surface enclosures. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 1996 , 17, 1243-1251		1
62	Substrate-Integrated Cavity-Backed Array With Controlled Mutual Coupling for Wide Scanning. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022 , 1-1	3.8	1

61	Design Method of Passive Lossless Metasurfaces With Auxiliary Waves for Beam Control. <i>IEEE Transactions on Antennas and Propagation</i> , 2020 , 68, 4126-4131	4.9	1
60	Bandwidth enhancement of the omni-directional and circularly-polarized EZR-MZR antenna. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2021 , 31, e22731	1.5	1
59	Focus movement control for time reversal focusing microwaves 2016 ,		1
58	Far-field time reversal super-resolution imaging of sources at microwave wavelengths aided by a grating-like slow-wave plate 2016 ,		1
57	Multi-frequency electrical resonant lens for far-field sub-wavelength imaging 2016 ,		1
56	Compact branch-line coupler with meander high-impedance transmission line and port impedance matching. <i>Journal of Engineering</i> , 2016 , 2016, 92-93	0.7	1
55	Research on the acquisition of time-reversed electromagnetic waves based on Fourier transform theory. <i>Microwave and Optical Technology Letters</i> , 2019 , 61, 191-194	1.2	1
54	. <i>IEEE Access</i> , 2021 , 9, 30677-30686	3.5	1
53	Wireless Power Transfer System Based on Strapping Resonators. <i>Applied Sciences (Switzerland)</i> , 2018 , 8, 2341	2.6	1
52	A Magnetically Tunable Dual-mode Bandpass Filter for Cognitive Wireless System 2018 ,		1
51	A Wide-Angle Scanning Tightly Coupled Antenna Array with a Microstrip-to-Slotline Feeding Network 2018 ,		1
50	A Novel Method for Extracting Equivalent Circuit Parameters of Circular Patch and Ring Frequency Selective Surfaces 2018 ,		1
49	Research on Shaping Microwave Fields at UESTC 2018 ,		1
48	Reconfigurable rectenna array design with mutual coupling analysis. <i>Microwave and Optical Technology Letters</i> , 2018 , 61, 654	1.2	1
47	Dual-Wideband Hollowed Substrate-Integrated Stacked Antenna for Vertically Mounted Low-Elevation Scanning Array. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 5100-5105	4.9	1
46	Beamwidth Reduction for Low-Profile Omnidirectional Antennas With an Annular Loading of Parasitic Elements. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 5072-5077	4.9	1
45	Shape Modeling of Microstrip Filters Based on Convolutional Neural Network. <i>IEEE Microwave and Wireless Components Letters</i> , 2022 , 1-4	2.6	1
44	Wide-Angle, Ultra-Wideband, Polarization-Independent Circuit Analog Absorbers. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9	1

43	Time-Reversal Multi-Channel Transmission With Single Receiving Antenna. <i>IEEE Access</i> , 2019 , 7, 66476-66484	3.9	o
42	Robust Rectifying Circuits With FET Shunt-Mounted Voltage-Doubler Rectifier. <i>IEEE Microwave and Wireless Components Letters</i> , 2018 , 1-3	2.6	o
41	Impact of magnetic field distribution on performance of 18-vane 5.8 GHz magnetron. <i>Journal of Electromagnetic Waves and Applications</i> , 2016 , 30, 880-888	1.3	o
40	Compact rat-race ring coupler with meander high-impedance transmission line and port impedance matching. <i>Journal of Engineering</i> , 2015 , 2015, 252-254	0.7	o
39	A Hybrid MM-FDFD Method for the Analysis of Waveguides With Multiple Discontinuities. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012 , 11, 645-647	3.8	o
38	Modeling Curved Surfaces Using Locally Conformal Order-Marching Time-Domain Method. <i>Journal of Infrared, Millimeter and Terahertz Waves</i> , 2007 , 28, 1033-1038		o
37	Compact microstrip bandpass filter using two-layer aperture-coupled resonator-embedded structure. <i>Microwave and Optical Technology Letters</i> , 2008 , 50, 2357-2360	1.2	o
36	Efficient Born Iterative Method for Inverse Scattering Based on Modified Forward-Solver. <i>IEEE Access</i> , 2020 , 8, 229101-229107	3.5	o
35	Accurate Iterative Inverse Scattering Methods Based on Finite-Difference Frequency-Domain Inversion. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-1	8.1	o
34	Selectively Powering Multiple Small-Size Devices Spaced at Diffraction Limited Distance with Point-Focused Electromagnetic Waves. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9	o
33	Design of High-Gain Metasurface Antenna Based on Characteristic Mode Analysis. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022 , 1-1	3.8	o
32	Substrate-insensitive microstrip monopolar antenna. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2021 , 31, e22758	1.5	o
31	Array Factor Analysis for the Ultra-Wide-Angle Scanning Performance of Planar Phased Arrays*. <i>Wuli Xuebao/Acta Physica Sinica</i> , 2021 , 0-0	0.6	o
30	Dimension-Reduced Optimization for Uniform Near-Field Synthesis of Irregular Arrays. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022 , 1-1	3.8	o
29	Polarization and bandwidth improvements of a zeroth-order resonators loaded microstrip antenna with grid polarization filter cover and metallic cavity. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2020 , 30, e22445	1.5	
28	An Eigenmode Correlation-Based Algorithm for Approaching Antenna Optimal Currents With Multiple Feeds. <i>Radio Science</i> , 2020 , 55, e2019RS006957	1.4	
27	Frequency Diversity Array for Near-Field Focusing. <i>Electronics (Switzerland)</i> , 2020 , 9, 958	2.6	
26	Simplified Pulse Shaping Network for Microwave Signal Focusing Based on Time Reversal. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2015 , 14, 225-228	3.8	

- 25 A Scheme for a Sparse Global Absorbing Boundary Condition for the Finite-Difference Frequency-Domain Method. *IEEE Antennas and Wireless Propagation Letters*, **2010**, 9, 459-462 3.8
- 24 Study on discontinuous microstrip periodic slow-wave structure. *Microwave and Optical Technology Letters*, **2009**, 51, 1455-1458 1.2
- 23 Applying Weighted Thinned Linear Array and Pattern Reconfigurable Elements to Extend Pattern Scanning Range of Millimeter Wave Microstrip Phased Array. *Journal of Infrared, Millimeter, and Terahertz Waves*, **2009**, 31, 1 2.2
- 22 Frequency domain transmission properties of multi-VIAS. *Journal of Infrared, Millimeter and Terahertz Waves*, **1997**, 18, 745-755
- 21 APPLICATION OF WAVELETS TO THE ANALYSIS OF ARBITRARY THIN-WIRE LOOP ANTENNAS AND SCATTERERS. *International Journal of Numerical Modelling: Electronic Networks, Devices and Fields*, **1997**, 10, 193-204 1
- 20 An example of the wavelet impedance matrix with $O(N)$ nonzero elements **1997**, 14, 181-182
- 19 Modeling and Analyses of Vias in Multilayered Boards with the Aid of Look-Up Tables. *Journal of Infrared, Millimeter and Terahertz Waves*, **1998**, 19, 1113-1119
- 18 Reply to Comments on The Design of Coupled Resonator Bandpass Filter With Stop-Band *IEEE Microwave and Wireless Components Letters*, **2008**, 18, 650-650 2.6
- 17 Tri-section stepped-impedance bandpass filter with wide stopband performance. *Microwave and Optical Technology Letters*, **2007**, 49, 870-872 1.2
- 16 Novel distributed circuit model for transition between coplanar waveguide and microstrip by using the generalized telegrapher equation method. *Microwave and Optical Technology Letters*, **2007**, 49, 1323-1328 1.2
- 15 A Locally Conformal Algorithm for Handling Curved Metallic Surfaces and Its Application. *Journal of Infrared, Millimeter and Terahertz Waves*, **2003**, 24, 985-992
- 14 Compact microstrip narrowband bandpass filter using multipath coupling configuration. *Microwave and Optical Technology Letters*, **2005**, 46, 543-544 1.2
- 13 The U-Band Pattern Steerable Active Patch Antenna. *Journal of Infrared, Millimeter and Terahertz Waves*, **2005**, 26, 1445-1452
- 12 The EMI properties of microstrip circuits in enclosures with slot apertures. *Journal of Infrared, Millimeter and Terahertz Waves*, **1996**, 17, 1431-1439
- 11 Metasurface-Based Beam Scanning Array with In-Band Co-Polarized Scattered Field Shaping. *IEEE Transactions on Antennas and Propagation*, **2022**, 1-1 4.9
- 10 An Effective Hybrid Synthesis Strategy of Multi-Beam Subarray. *IEEE Transactions on Antennas and Propagation*, **2021**, 1-1 4.9
- 9 An ultrawide-angle scanning TCDA with double-layer double-sided FSS superstrate. *International Journal of RF and Microwave Computer-Aided Engineering*, e22948 1.5
- 8 Design of periodic wideband pixel absorber by genetic algorithm combined with internal multi-port method. *International Journal of RF and Microwave Computer-Aided Engineering*, **2021**, 31, e22553 1.5

7	Wall-Meshed Cavity Resonator Based Wireless Power Transfer without Blocking Wireless Communications with Outside World. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 1-1	8.9
6	An ANN-based surrogate model for wave propagation in uncertain media. <i>Waves in Random and Complex Media</i> , 1-14	1.9
5	Synthesis of Planar Arrays Based on Fast Iterative Shrinkage-Thresholding Algorithm. <i>IEEE Transactions on Antennas and Propagation</i> , 2021 , 69, 6046-6051	4.9
4	Subspace-Based Distorted FDFD Iterative Method for Inverse Scattering. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2022 , 19, 1-5	4.1
3	A Low-Cost Beam Steering Antenna for Indoor Wireless Communication. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9
2	Dual-Polarized Nonuniform Fabry-Prot Cavity Antenna with Flat-Topped Radiation Pattern. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2022 , 1-1	3.8
1	Efficient EDM-PO Method for the Scattering from Electrically Large Objects with the High-Order Impedance Boundary Condition. <i>IEEE Transactions on Antennas and Propagation</i> , 2022 , 1-1	4.9