Bing-Zhong Wang

List of Publications by Year in Descending Order

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	Substrate-Integrated Cavity-Backed Array With Controlled Mutual Coupling for Wide Scanning. *IEEE Antennas and Wireless Propagation Letters*, **2022**, 1-1	3.8	1
347	Design of High-Gain Metasurface Antenna Based on Characteristic Mode Analysis. *IEEE Antennas and Wireless Propagation Letters*, **2022**, 1-1	3.8	0
346	Metasurface-Based Beam Scanning Array with In-Band Co-Polarized Scattered Field Shaping. *IEEE Transactions on Antennas and Propagation*, **2022**, 1-1	4.9	
345	Dimension-Reduced Optimization for Uniform Near-Field Synthesis of Irregular Arrays. *IEEE Antennas and Wireless Propagation Letters*, **2022**, 1-1	3.8	0
344	Subspace-Based Distorted FDFD Iterative Method for Inverse Scattering. *IEEE Geoscience and Remote Sensing Letters*, **2022**, 19, 1-5	4.1	
343	Shape Modeling of Microstrip Filters Based on Convolutional Neural Network. *IEEE Microwave and Wireless Components Letters*, **2022**, 1-4	2.6	1
342	A Low-Cost Beam Steering Antenna for Indoor Wireless Communication. *IEEE Transactions on Antennas and Propagation*, **2022**, 1-1	4.9	
341	Dual-Polarized Nonuniform Fabry-Prot Cavity Antenna with Flat-Topped Radiation Pattern. *IEEE Antennas and Wireless Propagation Letters*, **2022**, 1-1	3.8	
340	Wide-Angle, Ultra-Wideband, Polarization-Independent Circuit Analog Absorbers. *IEEE Transactions on Antennas and Propagation*, **2022**, 1-1	4.9	1
339	A Compact High-Selectivity Wideband Filtering Antenna with Multipath Coupling Structure. *IEEE Antennas and Wireless Propagation Letters*, **2022**, 1-1	3.8	2
338	Efficient EDM-PO Method for the Scattering from Electrically Large Objects with the High-Order Impedance Boundary Condition. *IEEE Transactions on Antennas and Propagation*, **2022**, 1-1	4.9	
337	Accurate Iterative Inverse Scattering Methods Based on Finite-Difference Frequency-Domain Inversion. *IEEE Transactions on Geoscience and Remote Sensing*, **2021**, 1-1	8.1	0
336	Selectively Powering Multiple Small-Size Devices Spaced at Diffraction Limited Distance with Point-Focused Electromagnetic Waves. *IEEE Transactions on Industrial Electronics*, **2021**, 1-1	8.9	0
335	Asynchronous Focusing Time Reversal Wireless Power Transfer for Multi-Users With Equal Received Power Assignment. *IEEE Access*, **2021**, 1-1	3.5	2
334	An Effective Hybrid Synthesis Strategy of Multi-Beam Subarray. *IEEE Transactions on Antennas and Propagation*, **2021**, 1-1	4.9	
333	On the Design of Wideband Absorber Based on Multilayer and Multiresonant FSS Array. *IEEE Antennas and Wireless Propagation Letters*, **2021**, 20, 284-288	3.8	14
332	Substrate-insensitive microstrip monopolar antenna. *International Journal of RF and Microwave Computer-Aided Engineering*, **2021**, 31, e22758	1.5	0

331	Bandwidth enhancement of the omni-directional and circularly-polarized EZR-MZR antenna. *International Journal of RF and Microwave Computer-Aided Engineering*, **2021**, 31, e22731	1.5	1
330	Method to obtain the initial value for the inverse design in nanophotonics based on a time-reversal technique. *Optics Letters*, **2021**, 46, 2815-2818	3	2
329	An Efficient Artificial Neural Network Model for Inverse Design of Metasurfaces. *IEEE Antennas and Wireless Propagation Letters*, **2021**, 20, 1013-1017	3.8	3
328	Study on an Accurate and Efficient Design Method of Resonant FSSs Based on the Macro-Model of Units in the Basic Strip-Gap FSS. *IEEE Transactions on Antennas and Propagation*, **2021**, 69, 2741-2750	4.9	2
327	Modeling of electromagnetic radiation-induced from a magnetostrictive/piezoelectric laminated composite. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2021**, 385, 126959	2.3	5
326	. *IEEE Transactions on Antennas and Propagation*, **2021**, 69, 869-881	4.9	6
325	. *IEEE Access*, **2021**, 9, 30677-30686	3.5	1
324	. *IEEE Antennas and Wireless Propagation Letters*, **2021**, 20, 63-67	3.8	2
323	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	
322	. *IEEE Access*, **2021**, 9, 24975-24983	3.5	2
321	Wall-Meshed Cavity Resonator Based Wireless Power Transfer without Blocking Wireless Communications with Outside World. *IEEE Transactions on Industrial Electronics*, **2021**, 1-1	8.9	
320	Inverse Artificial Neural Network for Multiobjective Antenna Design. *IEEE Transactions on Antennas and Propagation*, **2021**, 1-1	4.9	8
319	Array Factor Analysis for the Untra-Wide-Angle Scanning Performance of Planar Phased Arrays*. *Wuli Xuebao/Acta Physica Sinica*, **2021**, 0-0	0.6	0
318	Dual-Wideband Hollowed Substrate-Integrated Stacked Antenna for Vertically Mounted Low-Elevation Scanning Array. *IEEE Transactions on Antennas and Propagation*, **2021**, 69, 5100-5105	4.9	1
317	Beamwidth Reduction for Low-Profile Omnidirectional Antennas With an Annular Loading of Parasitic Elements. *IEEE Transactions on Antennas and Propagation*, **2021**, 69, 5072-5077	4.9	1
316	Synthesis of Multiple-Pattern Planar Arrays by the Multitask Bayesian Compressive Sensing. *IEEE Antennas and Wireless Propagation Letters*, **2021**, 20, 1587-1591	3.8	2
315	Synthesis of Planar Arrays Based on Fast Iterative Shrinkage-Thresholding Algorithm. *IEEE Transactions on Antennas and Propagation*, **2021**, 69, 6046-6051	4.9	
314	Broadband High-Gain Empty SIW Cavity-Backed Slot Antenna. *IEEE Antennas and Wireless Propagation Letters*, **2021**, 1-1	3.8	2

313	Polarization and bandwidth improvements of a zeroth-order resonators loaded microstrip antenna with grid polarization filter cover and metallic cavity. *International Journal of RF and Microwave Computer-Aided Engineering*, **2020**, 30, e22445	1.5	
312	Multibranch Artificial Neural Network Modeling for Inverse Estimation of Antenna Array Directivity. *IEEE Transactions on Antennas and Propagation*, **2020**, 68, 4417-4427	4.9	9
311	A metamaterial-based compact broadband planar monopole MIMO antenna with high isolation. *Microwave and Optical Technology Letters*, **2020**, 62, 2965-2970	1.2	10
310	Miniaturization of patch antenna based on hybrid topology optimization. *International Journal of RF and Microwave Computer-Aided Engineering*, **2020**, 30, e22308	1.5	3
309	Scanning Range Expansion of Planar Phased Arrays Using Metasurfaces. *IEEE Transactions on Antennas and Propagation*, **2020**, 68, 1402-1410	4.9	17
308	An Eigenmode Correlation-Based Algorithm for Approaching Antenna Optimal Currents With Multiple Feeds. *Radio Science*, **2020**, 55, e2019RS006957	1.4	
307	Research on Structurally Integrated Phased Array for Wireless Communications. *IEEE Access*, **2020**, 8, 52359-52369	3.5	1
306	A Wideband Phased Array With Broad Scanning Range and Wide-Angle Impedance Matching. *IEEE Transactions on Antennas and Propagation*, **2020**, 68, 6022-6031	4.9	7
305	. *IEEE Transactions on Antennas and Propagation*, **2020**, 68, 7348-7357	4.9	11
304	Frequency Diversity Array for Near-Field Focusing. *Electronics (Switzerland)*, **2020**, 9, 958	2.6	
303	. *IEEE Access*, **2020**, 8, 29089-29098	3.5	6
302	On the Design of Ultrawideband Circuit Analog Absorber Based on Quasi-Single-Layer FSS. *IEEE Antennas and Wireless Propagation Letters*, **2020**, 19, 591-595	3.8	30
301	Dual-Wideband High-Gain Fabry-Perot Cavity Antenna. *IEEE Access*, **2020**, 8, 4754-4760	3.5	10
300	Semisupervised Radial Basis Function Neural Network With an Effective Sampling Strategy. *IEEE Transactions on Microwave Theory and Techniques*, **2020**, 68, 1260-1269	4.1	8
299	A Wideband Circularly Polarized Connected Parallel Slot Array in the Presence of a Backing Reflector. *IEEE Access*, **2020**, 8, 26517-26523	3.5	3
298	Low-Profile Implementation of U-Shaped Power Quasi-Isotropic Antennas for Intra-Vehicle Wireless Communications. *IEEE Access*, **2020**, 8, 48557-48565	3.5	7
297	Efficient Born Iterative Method for Inverse Scattering Based on Modified Forward-Solver. *IEEE Access*, **2020**, 8, 229101-229107	3.5	0
296	Shaping Electric Field Intensity via Angular Spectrum Projection and the Linear Superposition Principle. *IEEE Transactions on Antennas and Propagation*, **2020**, 68, 8249-8254	4.9	3

295	Radial Basis Function Neural Network With Hidden Node Interconnection Scheme for Thinned Array Modeling. *IEEE Antennas and Wireless Propagation Letters*, **2020**, 19, 2418-2422	3.8	3
294	Design Method of Passive Lossless Metasurfaces With Auxiliary Waves for Beam Control. *IEEE Transactions on Antennas and Propagation*, **2020**, 68, 4126-4131	4.9	1
293	. *IEEE Transactions on Antennas and Propagation*, **2020**, 68, 2788-2796	4.9	15
292	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	4.9	5
291	Synthesis of Nonuniformly Spaced Arrays With Frequency-Invariant Shaped Patterns by Sequential Convex Optimization. *IEEE Antennas and Wireless Propagation Letters*, **2020**, 19, 1093-1097	3.8	5
290	. *IEEE Access*, **2020**, 8, 151316-151324	3.5	3
289	An ANN-Based Synthesis Method for Nonuniform Linear Arrays Including Mutual Coupling Effects. *IEEE Access*, **2020**, 8, 144015-144026	3.5	4
288	A Low-Profile Wideband Hybrid Metasurface Antenna Array for 5G and WiFi Systems. *IEEE Transactions on Antennas and Propagation*, **2020**, 68, 665-671	4.9	23
287	Efficient Inverse Extreme Learning Machine for Parametric Design of Metasurfaces. *IEEE Antennas and Wireless Propagation Letters*, **2020**, 19, 992-996	3.8	6
286	Uncertainty Analysis in Dispersive and Lossy Media for Ground-Penetrating Radar Modeling. *IEEE Antennas and Wireless Propagation Letters*, **2019**, 18, 1931-1935	3.8	3
285	Full Analog Broadband Time-Reversal Module for Ultra-Wideband Communication System. *IEEE Photonics Journal*, **2019**, 11, 1-10	1.8	3
284	**2019**,		3
283	Time-Reversal Multi-Channel Transmission With Single Receiving Antenna. *IEEE Access*, **2019**, 7, 66476-66484	3.5	0
282	Parametric Modeling of Microwave Components Based on Semi-Supervised Learning. *IEEE Access*, **2019**, 7, 35890-35897	3.5	5
281	Wireless Cloaking System Based on Time-Reversal Multipath Propagation Effects. *IEEE Transactions on Antennas and Propagation*, **2019**, 67, 1386-1391	4.9	8
280	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	4.9	9
279	. *IEEE Transactions on Antennas and Propagation*, **2019**, 67, 4883-4888	4.9	4
278	Impedance Matching Design of a Low-Profile Wide-Angle Scanning Phased Array. *IEEE Transactions on Antennas and Propagation*, **2019**, 67, 6401-6409	4.9	8

277	Subwavelength Field Shaping Approach Based on Time Reversal Technique and Defective Metasurfaces. *IEEE Access*, **2019**, 7, 84629-84636	3.5	2
276	Design of MIMO Antenna Isolation Structure Based on a Hybrid Topology Optimization Method. *IEEE Transactions on Antennas and Propagation*, **2019**, 67, 6298-6307	4.9	7
275	Achieving Spatial Multi-Point Focusing by Frequency Diversity Array. *Electronics (Switzerland)*, **2019**, 8, 883	2.6	1
274	Prediction of time reversal channel with neural network optimized by empirical knowledge based genetic algorithm. *Wuli Xuebao/Acta Physica Sinica*, **2019**, 68, 170503	0.6	4
273	A compact four-element multiple-input-multiple-output antenna with enhanced gain and bandwidth. *Microwave and Optical Technology Letters*, **2019**, 61, 1828-1834	1.2	3
272	Wideband polarisation-insensitive metasurface with tunable near-field scattering focusing characteristic. *Electronics Letters*, **2019**, 55, 776-778	1.1	2
271	Research on the acquisition of time-reversed electromagnetic waves based on Fourier transform theory. *Microwave and Optical Technology Letters*, **2019**, 61, 191-194	1.2	1
270	Metasurface-based wideband, low-profile, and high-gain antenna. *IET Microwaves, Antennas and Propagation*, **2019**, 13, 436-441	1.6	10
269	Hybrid sub-gridded ADE-FDTD method for modeling ground-penetrating radar on dispersive soils. *Journal of Electromagnetic Waves and Applications*, **2018**, 32, 1416-1426	1.3	1
268	Robust Rectifying Circuits With FET Shunt-Mounted Voltage-Doubler Rectifier. *IEEE Microwave and Wireless Components Letters*, **2018**, 1-3	2.6	0
267	Recursively Convolutional CFS-PML in 3-D Laguerre-FDTD Scheme for Arbitrary Media. *IEEE Transactions on Microwave Theory and Techniques*, **2018**, 66, 2070-2079	4.1	4
266	Far-Field Sub-Wavelength Imaging of Two-Dimensional Extended Target Aided By Compact Planar Resonant Structures. *IEEE Photonics Journal*, **2018**, 10, 1-11	1.8	2
265	Topology Optimization of Conical-Beam Antennas Exploiting Rotational Symmetry. *IEEE Transactions on Antennas and Propagation*, **2018**, 66, 2254-2261	4.9	12
264	Dual-Band Wide-Angle Scanning Phased Array Composed of SIW-Cavity Backed Elements. *IEEE Transactions on Antennas and Propagation*, **2018**, 66, 2678-2683	4.9	22
263	Low-Profile Pattern-Reconfigurable Vertically Polarized Endfire Antenna With Magnetic-Current Radiators. *IEEE Antennas and Wireless Propagation Letters*, **2018**, 17, 829-832	3.8	25
262	A Novel Feeding Network for Quadri-Polarization Antennas With Simultaneously Wide Impedance and Polarization Bandwidth. *IEEE Transactions on Antennas and Propagation*, **2018**, 66, 2107-2112	4.9	3
261	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	3.8	12
260	Time reversal of a high frequency signal based on time-varying guided wave system. *AEU - International Journal of Electronics and Communications*, **2018**, 84, 186-191	2.8	2

259	Multiparameter Modeling With ANN for Antenna Design. *IEEE Transactions on Antennas and Propagation*, **2018**, 66, 3718-3723	4.9	38
258	Efficient gradient-based optimisation of pixel antenna with large-scale connections. *IET Microwaves, Antennas and Propagation*, **2018**, 12, 385-389	1.6	30
257	Agile Beamwidth Control and Directivity Enhancement for Aperture Radiation With Low-Profile Metasurfaces. *IEEE Transactions on Antennas and Propagation*, **2018**, 66, 1528-1533	4.9	3
256	Evanescent-Wave Reconstruction in Time Reversal System. *Frequenz*, **2018**, 72, 285-292	0.6	1
255	Axial localization using time reversal multiple signal classification in optical scanning holography. *Optics Express*, **2018**, 26, 3756-3771	3.3	2
254	New autofocus and reconstruction method based on a connected domain. *Optics Letters*, **2018**, 43, 2201-2203	3	5
253	Dual-Polarized and Wide-Angle Scanning Microstrip Phased Array. *IEEE Transactions on Antennas and Propagation*, **2018**, 66, 3775-3780	4.9	23
252	Wireless Power Transfer System Based on Strapping Resonators. *Applied Sciences (Switzerland)*, **2018**, 8, 2341	2.6	1
251	A Magnetically Tunable Dual-mode Bandpass Filter for Cognitive Wireless System **2018**,		1
250	A Wide-Angle Scanning Tightly Coupled Antenna Array with a Microstrip-to-Slotline Feeding Network **2018**,		1
249	A Novel Method for Extracting Equivalent Circuit Parameters of Circular Patch and Ring Frequency Selective Surfaces **2018**,		1
248	Research on Shaping Microwave Fields at UESTC **2018**,		1
247	Reconfigurable rectenna array design with mutual coupling analysis. *Microwave and Optical Technology Letters*, **2018**, 61, 654	1.2	1
246	Broadband Quasi-Bidirectional Antenna With Vertical Polarization. *IEEE Antennas and Wireless Propagation Letters*, **2018**, 17, 2232-2236	3.8	2
245	Dynamic Adjustment Kernel Extreme Learning Machine for Microwave Component Design. *IEEE Transactions on Microwave Theory and Techniques*, **2018**, 66, 4452-4461	4.1	37
244	Electromagnetic Scattering From Periodic Array With Object Using a New Efficient Aggregate Basis Function Method. *IEEE Transactions on Antennas and Propagation*, **2018**, 66, 4374-4379	4.9	3
243	Beam-Scanning Microstrip Quasi-Yagi□da Antenna Based on Hybrid Metal-Graphene Materials. *IEEE Photonics Technology Letters*, **2018**, 30, 1127-1130	2.2	21
242	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	3.8	28

241	A Novel Wide-Angle Scanning Phased Array Based on Dual-Mode Pattern-Reconfigurable Elements. *IEEE Antennas and Wireless Propagation Letters*, **2017**, 16, 396-399	3.8	29
240	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	3.8	9
239	Near-Field Periodic Subwavelength Holey Metallic Plate for Far-Field Superresolution Focusing. *IEEE Photonics Journal*, **2017**, 9, 1-7	1.8	1
238	A reconfigurable dual-mode bandpass filter based on substrate integrated waveguide. *Microwave and Optical Technology Letters*, **2017**, 59, 934-937	1.2	4
237	Antenna Radiation Characteristics Optimization by a Hybrid Topological Method. *IEEE Transactions on Antennas and Propagation*, **2017**, 65, 2843-2854	4.9	18
236	An Azimuth-Pattern-Reconfigurable Antenna With Enhanced Gain and Front-to-Back Ratio. *IEEE Antennas and Wireless Propagation Letters*, **2017**, 16, 2303-2306	3.8	29
235	A Wide-Angle Scanning Planar Phased Array with Pattern Reconfigurable Magnetic Current Element. *IEEE Transactions on Antennas and Propagation*, **2017**, 65, 1434-1439	4.9	44
234	Far-Field Super-Resolution Imaging of Scatterers With a Time-Reversal System Aided by a Grating Plate. *IEEE Photonics Journal*, **2017**, 9, 1-8	1.8	8
233	Performance Comparison with Different Antenna Properties in Time Reversal Ultra-Wideband Communications for Sensor System Applications. *Sensors*, **2017**, 18,	3.8	5
232	A Dual-Polarized Pattern Reconfigurable Yagi Patch Antenna for Microbase Stations. *IEEE Transactions on Antennas and Propagation*, **2017**, 65, 5095-5102	4.9	41
231	A Circularly Polarized Implantable Antenna for 2.4-GHz ISM Band Biomedical Applications. *IEEE Antennas and Wireless Propagation Letters*, **2017**, 16, 2554-2557	3.8	39
230	Scanning range increase of microstrip dipole phased array by parasitic strips. *Microwave and Optical Technology Letters*, **2017**, 59, 2501-2507	1.2	1
229	Wide-angle scanning planar array with quasi-hemispherical-pattern elements. *Scientific Reports*, **2017**, 7, 2729	4.9	12
228	Creation of an Arbitrary Electromagnetic Illusion Using a Planar Ultrathin Metasurface. *IEEE Photonics Journal*, **2017**, 9, 1-9	1.8	9
227	. *IEEE Transactions on Antennas and Propagation*, **2017**, 65, 6976-6985	4.9	14
226	Planar array with bidirectional elements for tunnel environments. *Scientific Reports*, **2017**, 7, 15421	4.9	5
225	A Wide-Angle Scanning Phased Array With Microstrip Patch Mode Reconfiguration Technique. *IEEE Transactions on Antennas and Propagation*, **2017**, 65, 4548-4555	4.9	27
224	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	3.8	61

223	2-D Planar Wide-Angle Scanning-Phased Array Based on Wide-Beam Elements. *IEEE Antennas and Wireless Propagation Letters*, **2017**, 16, 876-879	3.8	33
222	Reduction of Mutual Coupling Between Patch Antennas Using a Polarization-Conversion Isolator. *IEEE Antennas and Wireless Propagation Letters*, **2017**, 16, 1257-1260	3.8	76
221	Planar Wide-Angle Scanning Phased Array With Pattern-Reconfigurable Windmill-Shaped Loop Elements. *IEEE Transactions on Antennas and Propagation*, **2017**, 65, 932-936	4.9	41
220	Efficient extreme learning machine with transfer functions for filter design **2017**,		6
219	Artificial neural network with data mining techniques for antenna design **2017**,		3
218	Time-Reversal Focusing Beyond the Diffraction Limit Using Near-Field Auxiliary Sources. *IEEE Antennas and Wireless Propagation Letters*, **2017**, 1-1	3.8	4
217	An efficient higher-order PML in WLP-FDTD method for time reversed wave simulation. *Journal of Computational Physics*, **2016**, 321, 1206-1216	4.1	8
216	High Temperature Pyrolysis of Toluene under Electromagnetic Fields at Different Frequencies. *ACS Sustainable Chemistry and Engineering*, **2016**, 4, 4573-4581	8.3	6
215	Researches on far-field super-resolution imaging based on time-reversed electromagnetics at UESTC **2016**,		2
214	Impact of magnetic field distribution on performance of 18-vane 5.8 GHz magnetron. *Journal of Electromagnetic Waves and Applications*, **2016**, 30, 880-888	1.3	0
213	Wide-Beam SIW-Slot Antenna for Wide-Angle Scanning Phased Array. *IEEE Antennas and Wireless Propagation Letters*, **2016**, 15, 1638-1641	3.8	32
212	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	4.9	38
211	Polarization Reconfigurable Broadband Rectenna With Tunable Matching Network for Microwave Power Transmission. *IEEE Transactions on Antennas and Propagation*, **2016**, 64, 1136-1141	4.9	47
210	Planar Microstrip Endfire Antenna With Multiport Feeding. *IEEE Antennas and Wireless Propagation Letters*, **2016**, 15, 556-559	3.8	10
209	A Dual-Band Circularly Polarized Planar Monopole Antenna for WLAN/Wi-Fi Applications. *IEEE Antennas and Wireless Propagation Letters*, **2016**, 15, 670-673	3.8	37
208	LOW-PROFILE ON-BOARD ANTENNA WITH A BROAD BEAM BASED ON THREE-CURRENT MODEL. *Progress in Electromagnetics Research*, **2016**, 156, 13-24	3.8	6
207	Compact Reconfigurable Antenna with an Omnidirectional Pattern and Four Directional Patterns for Wireless Sensor Systems. *Sensors*, **2016**, 16,	3.8	3
206	Focus movement control for time reversal focusing microwaves **2016**,		1

205	Compact circularly polarized ZOR and for antenna employing crlh transmission lines. *Microwave and Optical Technology Letters*, **2016**, 58, 964-969	1.2	2
204	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	2.6	26
203	Conduction Mode Analysis and Impedance Extraction of Shielded Pair Transmission Lines. *IEEE Microwave and Wireless Components Letters*, **2016**, 26, 654-656	2.6	2
202	Far-field time reversal super-resolution imaging of sources at microwave wavelengths aided by a grating-like slow-wave plate **2016**,		1
201	Multi-frequency electrical resonant lens for far-field sub-wavelength imaging **2016**,		1
200	Compact branch-line coupler with meander high-impedance transmission line and port impedance matching. *Journal of Engineering*, **2016**, 2016, 92-93	0.7	1
199	A New Unconditionally Stable FDTD Method Based on the Newmark-Beta Algorithm. *IEEE Transactions on Microwave Theory and Techniques*, **2016**, 64, 4082-4090	4.1	9
198	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	4.9	21
197	Planar Phased Array With Wide-Angle Scanning Performance Based on Image Theory. *IEEE Transactions on Antennas and Propagation*, **2015**, 63, 3908-3917	4.9	73
196	A Compact Dual-Band Dual-Polarized Loop-Slot Planar Antenna. *IEEE Antennas and Wireless Propagation Letters*, **2015**, 14, 1742-1745	3.8	26
195	Using dispersive delay lines and time reversal for low contrast tumour detection. *Electronics Letters* , **2015**, 51, 678-680	1.1	1
194	Closed-form impedance model for annular through-silicon via pairs in three-dimensional integration. *IET Microwaves, Antennas and Propagation*, **2015**, 9, 808-813	1.6	6
193	Efficient hybrid method for time reversal superresolution imaging. *Journal of Systems Engineering and Electronics*, **2015**, 26, 32-37	1.3	1
192	Efficient construction and solution of MoM matrix equation with compressed sensing technique. *Journal of Electromagnetic Waves and Applications*, **2015**, 29, 683-692	1.3	4
191	Investigation of Using High Impedance Surfaces for Wide-Angle Scanning Arrays. *IEEE Transactions on Antennas and Propagation*, **2015**, 63, 2895-2901	4.9	48
190	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	4.9	9
189	Varactor-Loaded Pattern Reconfigurable Array for Wide-Angle Scanning With Low Gain Fluctuation. *IEEE Transactions on Antennas and Propagation*, **2015**, 63, 2364-2369	4.9	59
188	Defocus noise suppression with combined frame difference and connected component methods in optical scanning holography. *Optics Letters*, **2015**, 40, 4146-9	3	7

187	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	4.9	11
186	Compact broadband linearly and circularly polarized antenna based on CRLH transmission line **2015** ,		1
185	Far-field subwavelength imaging with near-field resonant metalens scanning at microwave frequencies. *Scientific Reports*, **2015**, 5, 11131	4.9	20
184	Experimental study of silicon-based microwave switches optically driven by LEDs. *Microwave and Optical Technology Letters*, **2015**, 57, 2768-2774	1.2	3
183	Time Reversal of Electromagnetic Waves Using the Dispersion Compensation Approach. *IEEE Photonics Journal*, **2015**, 7, 1-7	1.8	4
182	An Efficient 2-D WLP-FDTD Method Utilizing Vertex-Based Domain Decomposition Scheme. *IEEE Microwave and Wireless Components Letters*, **2015**, 25, 769-771	2.6	2
181	Compact rat-race ring coupler with meander high-impedance transmission line and port impedance matching. *Journal of Engineering*, **2015**, 2015, 252-254	0.7	0
180	Enhancement of Time-Reversal Subwavelength Wireless Transmission Using Pulse Shaping. *IEEE Transactions on Antennas and Propagation*, **2015**, 63, 4169-4174	4.9	8
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