

# Chi H Chan

## List of Publications by Citations

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

281  
papers

4,599  
citations

37  
h-index

54  
g-index

342  
ext. papers

5,902  
ext. citations

3.2  
avg. IF

5.92  
L-index

#	Paper	IF	Citations
281	Novel 1-D microstrip PBG cells <b>2000</b> , 10, 403-405		144
280	Space-coiling metamaterials with double negativity and conical dispersion. <i>Scientific Reports</i> , <b>2013</b> , 3, 1614	4.9	113
279	3-D Printed Millimeter-Wave and Terahertz Lenses with Fixed and Frequency Scanned Beam. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2016</b> , 64, 442-449	4.9	98
278	. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2012</b> , 60, 3129-3136	4.9	97
277	Backscattering enhancement of electromagnetic waves from two-dimensional perfectly conducting random rough surfaces based on Monte Carlo simulations. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>1995</b> , 12, 2491	1.8	89
276	Substrate-Integrated-Waveguide-Fed Array Antenna Covering 57-1 GHz Band for 5G Applications. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2017</b> , 65, 6298-6306	4.9	87
275	RF Tunable Bandstop Filters With Constant Bandwidth Based on a Doublet Configuration. <i>IEEE Transactions on Industrial Electronics</i> , <b>2012</b> , 59, 1257-1265	8.9	82
274	Low-Loss Frequency-Agile Bandpass Filters With Controllable Bandwidth and Suppressed Second Harmonic. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2010</b> , 58, 1557-1564	4.1	80
273	Design of a 5.8-GHz rectenna incorporating a new patch antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2005</b> , 4, 175-178	3.8	79
272	Backscattering enhancement of electromagnetic waves from two-dimensional perfectly conducting random rough surfaces: a comparison of Monte Carlo simulations with experimental data. <i>IEEE Transactions on Antennas and Propagation</i> , <b>1996</b> , 44, 748	4.9	78
271	Backscattering enhancement of a two-dimensional random rough surface (three-dimensional scattering) based on Monte Carlo simulations. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>1994</b> , 11, 711	1.8	71
270	. <i>Proceedings of the IEEE</i> , <b>2012</b> , 100, 2109-2121	14.3	70
269	Virtually Shorted Patch Antenna for Circular Polarization. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2010</b> , 9, 1213-1216	3.8	68
268	Printed Circularly Polarized Spiral Antenna Array for Millimeter-Wave Applications. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2017</b> , 65, 636-643	4.9	64
267	Wideband and High-Gain Composite Cavity-Backed Crossed Triangular Bowtie Dipoles for Circularly Polarized Radiation. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2010</b> , 58, 3157-3164	4.9	63
266	Multiband Antenna for WiFi and WiGig Communications. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2016</b> , 15, 309-312	3.8	62
265	Wideband Cavity-Backed Bowtie Antenna With Pattern Improvement. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2008</b> , 56, 3850-3854	4.9	60

264	A novel microstrip ring hybrid incorporating a PBG cell. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2001</b> , 11, 258-260	2.6	56
263	Circularly Polarized Patch Antenna for Future 5G Mobile Phones. <i>IEEE Access</i> , <b>2014</b> , 2, 1521-1529	3.5	53
262	A Broadband Compact Microstrip Rat-Race Hybrid Using a Novel CPW Inverter. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2007</b> , 55, 161-167	4.1	53
261	An Explicit Fourth-Order Orthogonal Curvilinear Staggered-Grid FDTD Method for Maxwell's Equations. <i>Journal of Computational Physics</i> , <b>2002</b> , 175, 739-763	4.1	52
260	Wideband and Unidirectional Cavity-Backed Folded Triangular Bowtie Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2009</b> , 57, 1259-1263	4.9	51
259	Ultrawideband Composite Cavity-Backed Folded Sectorial Bowtie Antenna With Stable Pattern and High Gain. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2009</b> , 57, 2478-2483	4.9	50
258	Dual-Band Bandpass Filter With Controllable Bandwidths Using Two Coupling Paths. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2010</b> , 20, 616-618	2.6	49
257	Broadband, Single-Layer Dual Circularly Polarized Reflectarrays With Linearly Polarized Feed. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2016</b> , 64, 4235-4241	4.9	48
256	Design and Analysis of a High-Selectivity Frequency-Selective Surface at 60 GHz. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2016</b> , 64, 1694-1703	4.1	47
255	A sparse-matrix canonical-grid method for scattering by many scatterers. <i>Microwave and Optical Technology Letters</i> , <b>1995</b> , 8, 114-118	1.2	46
254	Monte Carlo simulations of large-scale one-dimensional random rough-surface scattering at near-grazing incidence: Penetrable case. <i>IEEE Transactions on Antennas and Propagation</i> , <b>1998</b> , 46, 142-149	4.9	44
253	Controlling dispersion characteristics of terahertz metasurface. <i>Scientific Reports</i> , <b>2015</b> , 5, 9367	4.9	41
252	Bandwidth enhancement technique for quarter-wave patch antennas. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2003</b> , 2, 130-132	3.8	40
251	Electromagnetic scattering of waves by random rough surface: A finite-difference time-domain approach. <i>Microwave and Optical Technology Letters</i> , <b>1991</b> , 4, 355-359	1.2	40
250	Miniaturized Circularly Polarized Patch Antenna With Low Back Radiation for GPS Satellite Communications. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2015</b> , 63, 5934-5938	4.9	39
249	Novel oscillator incorporating a compact microstrip resonant cell. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2001</b> , 11, 202-204	2.6	39
248	3-D Printed Circularly Polarized Modified Fresnel Lens Operating at Terahertz Frequencies. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2019</b> , 67, 4429-4437	4.9	38
247	An In-Line Waveguide-to-Microstrip Transition Using Radial-Shaped Probe. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2008</b> , 18, 311-313	2.6	38

246	Low conversion-loss fourth subharmonic mixers incorporating CMRC for millimeter-wave applications. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2003</b> , 51, 1449-1454	4.1	38
245	Analysis of a Class of Cylindrical Multiconductor Transmission Lines Using an Iterative Approach. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>1987</b> , 35, 415-424	4.1	38
244	A Tunable Via-Patch Loaded PIFA With Size Reduction. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2007</b> , 55, 65-71	4.9	36
243	An explicit fourth-order staggered finite-difference time-domain method for Maxwell's equations. <i>Journal of Computational and Applied Mathematics</i> , <b>2002</b> , 147, 75-98	2.4	36
242	Terahertz Reflecting and Transmitting Metasurfaces. <i>Proceedings of the IEEE</i> , <b>2017</b> , 105, 1166-1184	14.3	35
241	Multiple scattering of waves by dense random distributions of sticky particles for applications in microwave scattering by terrestrial snow. <i>Radio Science</i> , <b>2007</b> , 42, n/a-n/a	1.4	33
240	Novel subharmonically pumped mixer incorporating dual-band stub and in-line SCMRC. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2003</b> , 51, 2538-2547	4.1	33
239	A Trapeziform U-Slot Folded Patch Feed Antenna Design Optimized With Jumping Genes Evolutionary Algorithm. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2008</b> , 56, 571-577	4.9	32
238	Wideband Periodic Endfire Antenna With Bowtie Dipoles. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2008</b> , 7, 314-317	3.8	32
237	High-Selectivity Bandpass Frequency-Selective Surface in Terahertz Band. <i>IEEE Transactions on Terahertz Science and Technology</i> , <b>2016</b> , 6, 284-291	3.4	32
236	Terahertz Wavefront Control on Both Sides of the Cascaded Metasurfaces. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2018</b> , 66, 209-216	4.9	31
235	A UWB Bandpass Filter With Two Transmission Zeros Using a Single Stub With CMRC. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2007</b> , 17, 43-45	2.6	31
234	L-Shaped probe-feed circularly polarized microstrip patch antenna with a cross slot. <i>Microwave and Optical Technology Letters</i> , <b>2000</b> , 25, 251-253	1.2	31
233	A microfabricated low-profile wideband antenna array for terahertz communications. <i>Scientific Reports</i> , <b>2017</b> , 7, 1268	4.9	30
232	A compact bandpass filter with two tuning transmission zeros using a CMRC resonator. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2005</b> , 53, 895-900	4.1	30
231	Application of the finite element method to Monte Carlo simulations of scattering of waves by random rough surfaces: penetrable case. <i>Waves in Random and Complex Media</i> , <b>1991</b> , 1, 287-307		30
230	. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2015</b> , 63, 1417-1424	4.9	29
229	Tunable terahertz fishnet metamaterial. <i>Applied Physics Letters</i> , <b>2013</b> , 102, 151903	3.4	29

228	A Novel Supercell-Based Dielectric Grating Dual-Beam Leaky-Wave Antenna for 60-GHz Applications. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2016</b> , 64, 5521-5526	4.9	28
227	Magnetolectric Dipole Antennas With Dual Open-Ended Slot Excitation. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2016</b> , 64, 3338-3346	4.9	28
226	China: Power Combiners/Dividers. <i>IEEE Microwave Magazine</i> , <b>2011</b> , 12, 96-106	1.2	28
225	The Implementation of Multilevel Green's Function Interpolation Method for Full-Wave Electromagnetic Problems. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2007</b> , 55, 1348-1358	4.9	28
224	Flat Terahertz Reflective Focusing Metasurface with Scanning Ability. <i>Scientific Reports</i> , <b>2017</b> , 7, 3478	4.9	27
223	. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2015</b> , 63, 466-473	4.9	27
222	Combined random rough surface and volume scattering based on Monte Carlo simulations of solutions of Maxwell's equations. <i>Radio Science</i> , <b>1993</b> , 28, 331-338	1.4	27
221	Iterative Approaches to the Solution of Electromagnetic Boundary Value Problems. <i>Electromagnetics</i> , <b>1985</b> , 5, 123-146	0.8	27
220	High-Gain Circularly Polarized Lens Antenna for Terahertz Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2019</b> , 18, 921-925	3.8	26
219	An Investigation of Open- and Short-Ended Resonators and Their Applications to Bandpass Filters. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2009</b> , 57, 2203-2210	4.1	26
218	Study of a small wide-band patch antenna with double shorting walls. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2004</b> , 3, 230-231	3.8	26
217	A new multilevel Green's function interpolation method for large-scale low-frequency EM simulations. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , <b>2005</b> , 24, 1427-1443	2.5	25
216	Monte Carlo simulations of large-scale composite random rough-surface scattering based on the banded-matrix iterative approach. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>1994</b> , 11, 691	1.8	25
215	Bandwidth enhancement of circularly polarized microstrip patch antenna using multiple L-shaped probe feeds. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 42, 263-265	1.2	24
214	Parallel implementation of the sparse-matrix/canonical grid method for the analysis of two-dimensional random rough surfaces (three-dimensional scattering problem) on a Beowulf system. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2000</b> , 38, 1600-1608	8.1	24
213	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2021</b> , 69, 1493-1510	4.1	24
212	. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2019</b> , 18, 507-511	3.8	23
211	Multiple scattering among vias in planar waveguides using preconditioned SMCG method. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2004</b> , 52, 20-28	4.1	23

210	. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2016</b> , 64, 849-855	4.9	22
209	. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2012</b> , 60, 3096-3103	4.9	22
208	Application of physics-based two-grid method and sparse matrix canonical grid method for numerical simulations of emissivities of soils with rough surfaces at microwave frequencies. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2000</b> , 38, 1635-1643	8.1	22
207	Numerical simulation of conical diffraction of tapered electromagnetic waves from random rough surfaces and applications to passive remote sensing. <i>Radio Science</i> , <b>1994</b> , 29, 587-598	1.4	22
206	High-Gain Millimeter-Wave Antennas Based on Spoof Surface Plasmon Polaritons. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2020</b> , 68, 4320-4331	4.9	21
205	Bandwidth Enhancement of Planar Slot Antenna Using Complementary Source Technique for Millimeter-Wave Applications. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2014</b> , 62, 4452-4458	4.9	21
204	Circularly polarized patch antenna with an L-shaped probe fed by a microstrip line. <i>Microwave and Optical Technology Letters</i> , <b>2000</b> , 24, 412-414	1.2	21
203	A Complementary Circularly Polarized Antenna for 60-GHz Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2017</b> , 16, 1373-1376	3.8	19
202	Surface electric fields and impedance matrix elements of stratified media. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2000</b> , 48, 1533-1543	4.9	19
201	Bistatic scattering and emissivities of random rough dielectric lossy surfaces with the physics-based two-grid method in conjunction with the sparse-matrix canonical grid method. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2000</b> , 48, 1-11	4.9	19
200	Multilevel expansion of the sparse-matrix canonical grid method for two-dimensional random rough surfaces. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2001</b> , 49, 1579-1589	4.9	19
199	An Endfire Circularly Polarized Complementary Antenna Array for 5G Applications. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2020</b> , 68, 266-274	4.9	19
198	A Double-Sided Parallel-Strip Line PushBull Oscillator. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2008</b> , 18, 335-337	2.6	18
197	Analysis of elliptical waveguides by a meshless collocation method with the Wendland radial basis functions. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 32, 162-165	1.2	18
196	A Circularly Polarized Differentially Fed Transmission-Line-Excited Magnetolectric Dipole Antenna Array for 5G Applications. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2019</b> , 67, 2002-2007	4.9	17
195	Amplifier linearization using compact microstrip resonant cell-theory and experiment. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2004</b> , 52, 927-934	4.1	17
194	Application of preconditioned CGFFT technique to method of lines for analysis of the infinite-plane metallic grating. <i>Microwave and Optical Technology Letters</i> , <b>2000</b> , 24, 170-175	1.2	17
193	Waveguide-Based Differentially Fed Dual-Polarized Magnetolectric Dipole Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2017</b> , 65, 3849-3857	4.9	16

192	Interior Penalty Discontinuous Galerkin Time-Domain Method Based on Wave Equation for 3-D Electromagnetic Modeling. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2017</b> , 65, 7174-7184	4.9	16
191	A Differentially Fed Transmission-Line-Excited Magnetolectric Dipole Antenna Array for 5G Applications. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2018</b> , 66, 5224-5230	4.9	16
190	Some recent developments in iterative techniques for solving electromagnetic boundary value problems. <i>Radio Science</i> , <b>1987</b> , 22, 929-934	1.4	16
189	Efficient calculation of electron diffraction for the structural determination of nanomaterials. <i>Physical Review Letters</i> , <b>2006</b> , 97, 055505	7.4	15
188	On sampling algorithms in multilevel QR factorization method for magnetoquasistatic analysis of integrated circuits over multilayered lossy substrates. <i>IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems</i> , <b>2006</b> , 25, 1777-1792	2.5	15
187	On the analysis of statistical distributions of UWB signal scattering by random rough surfaces based on Monte Carlo simulations of Maxwell equations. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2004</b> , 52, 3200-3206	4.9	15
186	Small dual-band antenna with folded-patch technique. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2004</b> , 3, 108-110	3.8	15
185	Gap structures and wave functions of classical waves in large-sized two-dimensional quasiperiodic structures. <i>Physical Review B</i> , <b>2006</b> , 74,	3.3	14
184	Application of the preconditioned conjugate-gradient algorithm to the edge FEM for electromagnetic boundary-value problems. <i>Microwave and Optical Technology Letters</i> , <b>2000</b> , 27, 235-238 <sup>1.2</sup>	1.2	14
183	An Improved Vector Wave Equation-Based Discontinuous Galerkin Time Domain Method and Its Hybridization With Maxwell Equation-Based Discontinuous Galerkin Time Domain Method. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2018</b> , 66, 6170-6178	4.9	13
182	SOLUTION TO ELECTROMAGNETIC SCATTERING BY BI-ISOTROPIC MEDIA USING MULTILEVEL GREEN'S FUNCTION INTERPOLATION METHOD. <i>Progress in Electromagnetics Research</i> , <b>2009</b> , 97, 259-274 <sup>2.8</sup>	2.8	13
181	A study of compact microstrip resonant cells with applications in active circuits. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 37, 158-162	1.2	13
180	All-optical diffractive neural networked terahertz hologram. <i>Optics Letters</i> , <b>2020</b> , 45, 2906-2909	3	13
179	Orbital Angular Momentum (OAM) Mode-Reconfigurable Discrete Dielectric Lens Operating at 300 GHz. <i>IEEE Transactions on Terahertz Science and Technology</i> , <b>2020</b> , 10, 480-489	3.4	12
178	Low-Cost 1-D Beam-Steering Reflectarray With 70° Scan Coverage. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2020</b> , 68, 5009-5014	4.9	12
177	An Improved Multilevel Green's Function Interpolation Method With Adaptive Phase Compensation. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2008</b> , 56, 1381-1393	4.9	12
176	Multilevel Green's function interpolation method for scattering from composite metallic and dielectric objects. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2008</b> , 25, 2535-48	1.8	12
175	High-efficiency linear RF Amplifier - a unified circuit approach to achieving compactness and low distortion. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2006</b> , 54, 3255-3266	4.1	12

174	Investigation of microstrip reflectarray using a photonic bandgap structure. <i>Microwave and Optical Technology Letters</i> , <b>2001</b> , 28, 114-116	1.2	12
173	High-Gain Filtering Reflectarray Antenna for Millimeter-Wave Applications. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2020</b> , 68, 805-812	4.9	12
172	Waveguide Fed Broadband Millimeter Wave Short Backfire Antenna. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2013</b> , 61, 1697-1703	4.9	11
171	High-Efficiency Periodic Sparse Microstrip Array Based on Mutual Coupling. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2013</b> , 61, 1963-1970	4.9	11
170	Multilevel Green's function interpolation method for analysis of 3-D frequency selective structures using volume/surface integral equation. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2010</b> , 27, 308-18	1.8	11
169	Flexible GMRES-FFT method for fast matrix solution: application to 3D dielectric bodies electromagnetic scattering. <i>International Journal of Numerical Modelling: Electronic Networks, Devices and Fields</i> , <b>2004</b> , 17, 523-537	1	11
168	A miniature monopole antenna for mobile communications. <i>Microwave and Optical Technology Letters</i> , <b>2000</b> , 27, 262-263	1.2	11
167	Efficient hybrid spatial and spectral techniques in analyzing planar periodic structures with nonuniform discretizations. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2000</b> , 48, 1623-1627	4.1	11
166	Monte carlo simulations of scattering of waves by a random rough surface with the finite element method and the finite difference method. <i>Microwave and Optical Technology Letters</i> , <b>1990</b> , 3, 150-154	1.2	11
165	Wide-Angle Scanning Lens Fed by Small-Scale Antenna Array for 5G in Millimeter-Wave Band. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2020</b> , 68, 3635-3643	4.9	10
164	Wideband Millimeter-Wave Antenna With Low Cross Polarization Based on Spoof Surface Plasmon Polaritons. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2019</b> , 18, 1681-1685	3.8	10
163	Phase-Conjugated Arrays Using Low Conversion-Loss Resistive Phase-Conjugating Mixers and Stub-Loaded Patch Antennas. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2008</b> , 56, 1764-1773	4.1	10
162	Theory of low-energy electron diffraction for detailed structural determination of nanomaterials: Finite-size and disordered structures. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	10
161	3-D Printed Terahertz Lens to Generate Higher Order Bessel Beams Carrying OAM. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 69, 3399-3408	4.9	10
160	A miniature monopole antenna for mobile communications <b>2000</b> , 27, 262		10
159	Wideband shorted higher-order mode millimeter-wave patch antenna <b>2012</b> ,		9
158	High-Efficiency Periodic Sparse Patch Array Based on Mutual Coupling. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2011</b> , 10, 1317-1320	3.8	9
157	Design of Multiband Miniature Handset Antenna by MoM and HGA. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2006</b> , 5, 179-182	3.8	9



156	Retrodirective array for RFID and microwave tracking beacon applications. <i>Microwave and Optical Technology Letters</i> , <b>2006</b> , 48, 409-411	1.2	9
155	Anomalous properties of the band-edge states in large two-dimensional photonic quasicrystals. <i>Physical Review B</i> , <b>2007</b> , 76,	3.3	9
154	Theory of low-energy electron diffraction for detailed structural determination of nanomaterials: Ordered structures. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	9
153	Pseudospectral time-domain (PSTD) method with unsplit-field PML. <i>Microwave and Optical Technology Letters</i> , <b>1999</b> , 22, 278-283	1.2	9
152	Combining the FDTD and PSTD methods. <i>Microwave and Optical Technology Letters</i> , <b>1999</b> , 23, 249-254	1.2	9
151	Application of a banded matrix iterative approach to monte carlo simulations of scattering of waves by a random rough surface: TM case. <i>Microwave and Optical Technology Letters</i> , <b>1993</b> , 6, 148-151	1.2	9
150	Wave Equation-Based Discontinuous Galerkin Time Domain Method for Co-Simulation of Electromagnetics-Circuit Systems. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2020</b> , 68, 3026-3036	4.9	9
149	Terahertz free-space dielectric property measurements using time- and frequency-domain setups. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2019</b> , 29, e21839	1.5	8
148	Wideband, Low-Profile Slot-Fed Dipole-Patch Antenna and Array. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2020</b> , 19, 2250-2254	3.8	8
147	A 2-D Beam-Scanning Bessel Launcher for Terahertz Applications. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2020</b> , 68, 5893-5903	4.9	8
146	3D Printed High Gain Complementary Dipole/Slot Antenna Array. <i>Applied Sciences (Switzerland)</i> , <b>2018</b> , 8, 1410	2.6	8
145	Terahertz Frequency-Selective Surface With Polarization Selection and Conversion Characteristics. <i>IEEE Transactions on Terahertz Science and Technology</i> , <b>2019</b> , 9, 510-519	3.4	8
144	Ultrawideband Composite Cavity-Backed Rounded Triangular Bowtie Antenna with Stable Patterns. <i>Journal of Electromagnetic Waves and Applications</i> , <b>2009</b> , 23, 685-695	1.3	8
143	A compact wideband parallel-strip 180° hybrid coupler. <i>Microwave and Optical Technology Letters</i> , <b>2008</b> , 50, 3271-3274	1.2	8
142	Emission of orbital angular momentum based on spoof localized surface plasmons. <i>Optics Letters</i> , <b>2019</b> , 44, 5735-5738	3	8
141	Characteristic Mode Formulations for Penetrable Objects Based on Separation of Dissipation Power and Use of Single Surface Integral Equation. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 69, 1535-1544	4.9	8
140	Guest Editorial Special Cluster on Three-Dimensional Printed Antennas and Electromagnetic Structures. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2018</b> , 17, 1998-2002	3.8	8
139	Wide Impedance-Bandwidth and Gain-Bandwidth Terahertz On-Chip Antenna With Chip-Integrated Dielectric Resonator. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 69, 4269-4278	4.9	8

138	Compact Spoof Surface Plasmon Polaritons Waveguide Integrated With Blind Vias and Its Applications. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2020</b> , 67, 3038-3042	3.5	7
137	Terahertz Mueller Matrix Polarimetry and Polar Decomposition. <i>IEEE Transactions on Terahertz Science and Technology</i> , <b>2020</b> , 10, 74-84	3.4	7
136	Reflectarray Antenna Design With Arbitrary Incident and Reflection Beam Angle. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2018</b> , 66, 5964-5973	4.9	7
135	A novel dual-band printed-dipole antenna using CRC structure. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 41, 105-106	1.2	7
134	A compact Wilkinson power divider with curved PBG cells. <i>Microwave and Optical Technology Letters</i> , <b>2001</b> , 31, 81-83	1.2	7
133	Optimal simultaneous interpolation/extrapolation algorithm of electromagnetic responses in time and frequency domains. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2001</b> , 49, 1725-1732	4.1	7
132	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>1993</b> , 41, 1356-1362	4.1	7
131	A Collimated Surface-Wave-Excited High-Impedance Surface Leaky-Wave Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2017</b> , 16, 2082-2085	3.8	6
130	3-D printed discrete dielectric lens antenna with matching layer <b>2014</b> ,		6
129	A 4-Element Balanced Retrodirective Array for Direct Conversion Transmitter. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2011</b> , 59, 1185-1190	4.9	6
128	Comparison of Interpolating Functions and Interpolating Points in Full-Wave Multilevel Green's Function Interpolation Method. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2010</b> , 58, 2691-2699	4.9	6
127	Cavity-Backed Circularly Polarized Dual-Loop Antenna With Wide Tunable Range. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2008</b> , 7, 761-763	3.8	6
126	Genetic algorithm optimized printed UWB sickle-shape dipolar antenna with stable radiation pattern. <i>Microwave and Optical Technology Letters</i> , <b>2007</b> , 49, 2695-2697	1.2	6
125	Application of preconditioned Krylov subspace iterative FFT techniques to method of lines for analysis of the infinite plane metallic grating. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 35, 160-167	1.2	6
124	A fast solution of the time-domain integral equation using fast Fourier transformation. <i>Microwave and Optical Technology Letters</i> , <b>2000</b> , 25, 172-175	1.2	6
123	An approximate time-domain Green's function for a microstrip structure. <i>Microwave and Optical Technology Letters</i> , <b>2000</b> , 25, 423-425	1.2	6
122	Monte Carlo simulations of scattering and emission from lossy dielectric random rough surfaces using the wavelet transform method. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>1999</b> , 37, 2295-2304	8.1	6
121	Application of the extended boundary condition method to monte carlo simulations of scattering of waves by two-dimensional random rough surfaces. <i>Microwave and Optical Technology Letters</i> , <b>1991</b> , 4, 527-531	1.2	6

120	Efficient Analysis of Scattering by Multiple Moving Objects Using a Tailored MLFMA. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2019</b> , 67, 2023-2027	4.9	6
119	Substrate-Integrated-Waveguide-Fed Wideband Filtering Antenna for Millimeter-Wave Applications. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 1-1	4.9	6
118	Spoof Surface Plasmon Polariton Filter With Reconfigurable Dual and Non-Linear Notched Characteristics. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 68, 2815-2819	3.5	6
117	A Hybrid 2-D/3-D Multilevel Green's Function Interpolation Method for Electrically Large Multilayered Problems. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2016</b> , 64, 3931-3942	4.9	5
116	An OpenMP Parallelized Multilevel Green's Function Interpolation Method Accelerated by Fast Fourier Transform Technique. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2012</b> , 60, 3305-3313	4.9	5
115	An optimal designed RCD snubber for DC-DC converters <b>2008</b> ,		5
114	A low-conversion-loss ring-hybrid mixer using TS-CMRC circuitry. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 41, 206-209	1.2	5
113	An algebraic domain decomposition algorithm for the vector finite-element analysis of 3D electromagnetic field problems. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 34, 414-417	1.2	5
112	Characteristics of a compact CPW resonant cell. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 37, 408-410	1.2	5
111	Shaped-beam pattern synthesis for base station antenna in mobile communication system. <i>Microwave and Optical Technology Letters</i> , <b>2000</b> , 24, 226-228	1.2	5
110	Ultra-Wideband and Compact Terahertz Planar Load Based on Spoof Surface Plasmon Polaritons With Nickel. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 68, 1922-1926	3.5	5
109	A 3-D Printed Waveguide-Based Linearly Polarized Magnetolectric Dipole Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2021</b> , 20, 68-72	3.8	5
108	Millimeter-Wave Holographic Flat Lens Antenna for Orbital Angular Momentum Multiplexing. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 69, 4289-4303	4.9	5
107	Soft, Bistable Actuators for Reconfigurable 3D Electronics. <i>ACS Applied Materials &amp; Interfaces</i> , <b>2021</b> , 13, 41968-41977	9.5	5
106	Stable TDIE-MOT Solver for Transient Scattering by Two-Dimensional Conducting Structures. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2014</b> , 62, 2149-2157	4.9	4
105	<b>2013</b> ,		4
104	New size reduction for patch antenna by parasitic shorting elements <b>2010</b> ,		4
103	Small circularly polarized patch antenna <b>2011</b> ,		4

102	Numerical Analysis of Scattering by Dielectric Random Rough Surfaces Using Modified SMCG Scheme and Curvilinear RWG Basis Functions. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2009</b> , 57, 3392-3397	4.9	4
101	Application of a two-step preconditioning strategy to the finite element analysis for electromagnetic problems. <i>Microwave and Optical Technology Letters</i> , <b>2006</b> , 48, 1623-1627	1.2	4
100	A wideband circularly-polarized active Van Atta retrodirective transponder with information carrying ability <b>2006</b> ,		4
99	Parallel electromagnetic modeling of 3D microstrip discontinuities using FEM and PML. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2001</b> , 11, 38-47	1.5	4
98	Surface electric fields and spatial derivatives of Green's function of layered media based on half-space extraction. <i>Microwave and Optical Technology Letters</i> , <b>2000</b> , 24, 247-253	1.2	4
97	Application of the finite element method to Monte Carlo simulations of random rough surface scattering with Neumann boundary conditions. <i>Microwave and Optical Technology Letters</i> , <b>1991</b> , 4, 255-258	1.2	4
96	Dual-Polarized Reconfigurable Metasurface for Multifunctional Control of Electromagnetic Waves. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2022</b> , 1-1	4.9	4
95	Simultaneous In-situ Direction Finding and Field Manipulation Based on Space-Time-Coding Digital Metasurface. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2022</b> , 1-1	4.9	4
94	Microwave and Millimeter-Wave MIMO Antenna Using Conductive ITO Film. <i>IEEE Access</i> , <b>2020</b> , 8, 207024-207033	3.9	4
93	Center-Fed Patch Antenna Array Excited by an Inset Dielectric Waveguide for 60-GHz Applications. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2016</b> , 64, 1733-1739	4.9	4
92	Frequency-Controlled 2-D Focus-Scanning Terahertz Reflectarrays. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2019</b> , 67, 1573-1581	4.9	4
91	A High-Gain Circularly Polarized U-Slot Patch Antenna Array [Antenna Designers Notebook]. <i>IEEE Antennas and Propagation Magazine</i> , <b>2018</b> , 60, 147-153	1.7	4
90	Circular Polarized 3-D-Printed Dielectric Loaded Antenna Using Inset Waveguide-to-Dielectric Transition for 5G Millimeter-Wave Application. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2020</b> , 19, 1929-1932	3.8	3
89	Millimeter Wave Absorbing Electromagnetic Properties of ZnO Whisker/Silicon Resin Coating Material. <i>Materials Science Forum</i> , <b>2016</b> , 852, 1055-1059	0.4	3
88	An Improved Discrete Complex Image Method Based on a Special Sampling Path. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2014</b> , 62, 3858-3864	4.9	3
87	<b>2013</b> ,		3
86	Improving multilevel Green's function interpolation method with a new interpolation grid. <i>Journal of Electromagnetic Waves and Applications</i> , <b>2013</b> , 27, 1892-1901	1.3	3
85	Corrections to Comparison of Interpolating Functions and Interpolating Points in Full-Wave Multilevel Green's Function Interpolation Method [Aug 10 2691-2699]. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2010</b> , 58, 3437-3437	4.9	3

84	Wideband circularly polarized cavity-backed crossed loop antenna. <i>Microwave and Optical Technology Letters</i> , <b>2009</b> , 51, 1714-1718	1.2	3
83	Application of the complex image method to multilevel, multiconductor microstrip lines. <i>The International Executive</i> , <b>1997</b> , 7, 359-367		3
82	Monte Carlo simulations for electromagnetic scattering of rough surfaces by a combined wavelet transform and banded-matrix iterative approach/canonical grid method. <i>Microwave and Optical Technology Letters</i> , <b>1998</b> , 19, 274-279	1.2	3
81	Parallel FDTD analysis of active integrated antenna array. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 34, 317-319	1.2	3
80	Design of unequal microstrip power divider using hierarchal genetic algorithm. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 37, 421-423	1.2	3
79	Meta-material surface design using the hierarchical genetic algorithm. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 39, 226-230	1.2	3
78	Microwave emission of rough ocean surfaces with full spatial spectrum based on the multilevel expansion method. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2002</b> , 40, 574-582	8.1	3
77	Novel perforated microstrip PBG cell. <i>Microwave and Optical Technology Letters</i> , <b>2000</b> , 26, 325-327	1.2	3
76	3-D Printed Terahertz Lens for Bessel Beam Generation <b>2019</b> ,		3
75	. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 69, 4347-4358	4.9	3
74	High-selectivity frequency selective surfaces at millimeter-wave and terahertz frequencies <b>2015</b> ,		2
73	Circularly polarized series-fed patch array for THz applications <b>2016</b> ,		2
72	Wideband dielectric resonator terahertz reflectarray <b>2015</b> ,		2
71	A supercell based dual beam dielectric grating antenna for 60 GHz application <b>2015</b> ,		2
70	Gain enhancement for low-cost terahertz fresnel zone plate lens antennas <b>2015</b> ,		2
69	Low-cost discrete dielectric terahertz lens antenna using 3D printing <b>2014</b> ,		2
68	Wideband terahertz reflectarrays with fixed/frequency-scanning beams <b>2014</b> ,		2
67	Novel terahertz dual-polarized frequency selective surface with high frequency selectivity <b>2014</b> ,		2

66	Antennas for 60GHz high-speed radio systems <b>2012</b> ,		2
65	Printed millimeter wave vertical patch antenna <b>2010</b> ,		2
64	Application of the complex image method to characterization of microstrip vias. <i>The International Executive</i> , <b>1997</b> , 7, 368-379		2
63	On the extension of Ewald's method to periodic structures in layered media. <i>Microwave and Optical Technology Letters</i> , <b>1998</b> , 19, 125-131	1.2	2
62	A jumping genes paradigm for the design of wide-band patch antenna with double shorting wall. <i>Microwave and Optical Technology Letters</i> , <b>2007</b> , 49, 706-709	1.2	2
61	A wideband antenna with a folded patch feed		2
60	A novel printed microstrip window antenna for size reduction and circuit embedding. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 32, 192-194	1.2	2
59	RCS computation of jet engine with complex termination based on multiplaten Z-buffer algorithm		2
58	3-D Printed Terahertz Lens for Generation of Non-diffractive Bessel Beam Carrying OAM <b>2020</b> ,		2
57	Amplitude-Modulated Leaky-Wave Antennas. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 69, 3664-3676	4.9	2
56	An Improved Subspace-Regularized DBIM-MLGFIM Method for Three-Dimensional Inverse Scattering Problems. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 69, 2798-2809	4.9	2
55	A Transparent Proximity-Coupled-Fed Patch Antenna With Enhanced Bandwidth and Filtering Response. <i>IEEE Access</i> , <b>2021</b> , 9, 32774-32780	3.5	2
54	Compact Terahertz Dielectric Folded Metasurface. <i>Advanced Optical Materials</i> , <b>2022</b> , 10, 2101663	8.1	2
53	Frequency Selective Surfaces <b>2016</b> , 471-525		1
52	Differential-fed higher-order mode patch antenna at 60GHz band <b>2014</b> ,		1
51	A Low-Power Third-Harmonic Self-Oscillating Mixer Using Multi-Harmonic Load. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2012</b> , 22, 375-377	2.6	1
50	Negative-resistance, reflection-type bipolar frequency doubler. <i>Microwave and Optical Technology Letters</i> , <b>2007</b> , 49, 434-436	1.2	1
49	Printed UWB pellet-shape microstrip-fed monopolar antenna for 3.1 to 17 GHz. <i>Microwave and Optical Technology Letters</i> , <b>2008</b> , 50, 490-494	1.2	1

48	Self-biased distributed amplifier: Linearity improvement and efficiency enhancement. <i>Microwave and Optical Technology Letters</i> , <b>2008</b> , 50, 2493-2497	1.2	1
47	The multilayer folded couplers and their application. <i>Microwave and Optical Technology Letters</i> , <b>2006</b> , 48, 2285-2288	1.2	1
46	Time domain integral equation methods for analyses of transient radiation and scattering problems <b>2007</b> ,		1
45	An in-line waveguide-to-microstrip transition using radial-shaped probe <b>2007</b> ,		1
44	Radiating patches with low mutual coupling for antenna arrays <b>2007</b> ,		1
43	An injection locked sub-harmonic self-oscillating mixer for multi-band operation. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 42, 415-419	1.2	1
42	Hybrid mode analysis of microstrip lines by the method of lines with pseudospectral discretization. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 35, 224-227	1.2	1
41	Extended (FD)2TD formulations for lumped elements. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 38, 206-209	1.2	1
40	The application of the generalized product-type method based on Bi-CG to accelerate the sparse-matrix/canonical grid method. <i>International Journal of Numerical Modelling: Electronic Networks, Devices and Fields</i> , <b>2005</b> , 18, 383-397	1	1
39	A High-Performed Sub-Harmonic Self-Oscillating Mixer for Modern Wireless Communication System <b>2005</b> ,		1
38	Fast analysis of electromagnetic scattering of 3D dielectric bodies by use of the loose GMRES-FFT method. <i>International Journal of Electronics</i> , <b>2005</b> , 92, 401-415	1.2	1
37	Parallel FDTD analysis of active integrated antenna array		1
36	Electromagnetic scattering from a layer of periodically distributed cylinders. <i>Microwave and Optical Technology Letters</i> , <b>2000</b> , 24, 367-370	1.2	1
35	Design of linearly fed shaped-beam-pattern microstrip antenna array. <i>Microwave and Optical Technology Letters</i> , <b>2000</b> , 27, 296-297	1.2	1
34	Effect of finite-width curved substrate on a microstrip transmission line. <i>Microwave and Optical Technology Letters</i> , <b>1999</b> , 22, 322-323	1.2	1
33	Computation of RCS of jet engine with complex terminations based on multiplaten z-buffer algorithm. <i>Microwave and Optical Technology Letters</i> , <b>1999</b> , 23, 281-284	1.2	1
32	A silicon diverging beam modulator fabricated by part of metal-oxide-silicon process modules. <i>Journal of Applied Physics</i> , <b>1992</b> , 72, 791-793	2.5	1
31	A Deep-Learning Enabled Discrete Dielectric Lens Antenna for Terahertz Reconfigurable Holographic Imaging. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2022</b> , 1-1	3.8	1

30	Millimeter-Wave and Terahertz OAM Discrete-Lens Antennas for 5G and Beyond. <i>IEEE Communications Magazine</i> , <b>2022</b> , 60, 34-39	9.1	1
29	Miniaturized Spoof Surface Plasmon Polaritons Load for Planar Terahertz Circuit Application on Thick Substrate. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	1
28	Frequency Selective Surfaces with Nanoparticles Unit Cell. <i>Micromachines</i> , <b>2015</b> , 6, 1421-1426	3.3	1
27	Demonstration of a terahertz multi-spectral 3B Mueller matrix polarimetry system for 2D and 3D imaging. <i>Optics Express</i> , <b>2021</b> , 29, 14853-14867	3.3	1
26	Frequency Selective Surfaces <b>2021</b> , 1-46		1
25	60-GHz Fabry-Perot Cavity Filtering Antenna Driven by an SIW-Fed Filtering Source. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 1-1	4.9	1
24	Multiple Scattering of Waves by Random Distribution of Particles for Applications in Light Scattering by Metal Nanoparticles. <i>Nanostructure Science and Technology</i> , <b>2007</b> , 341-370	0.9	1
23	Dual-Polarized, Low-Profile Dipole-Patch Array for Wide Bandwidth Applications. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2022</b> , 1-1	4.9	1
22	High-data-rate FSK demodulator for wireless communication. <i>Electronics Letters</i> , <b>2013</b> , 49, 1353-1355	1.1	0
21	A 50-mW/ch 2.5-gb/s/ch data recovery circuit for the SFI-5 interface with digital eye-tracking. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2004</b> , 14, 109-111	2.6	0
20	Backscattering enhancement of electromagnetic waves from vegetation canopies. <i>Microwave and Optical Technology Letters</i> , <b>2000</b> , 24, 303-306	1.2	0
19	A 0.45-THz 2-D Scalable Radiator Array With 28.2-dBm EIRP Using an Elliptical Teflon Lens. <i>IEEE Journal of Solid-State Circuits</i> , <b>2021</b> , 1-1	5.5	0
18	Integrative Transmitarray with Gain-Filtering and Low-Scattering Characteristics. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 1-1	4.9	0
17	A Transparent Artificial Periodic Structure for Beam-Tilting Antenna. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2021</b> , 20, 498-502	3.8	0
16	A 482-GHz 2-D Scalable and Wideband Radiator Array. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2021</b> , 31, 1090-1093	2.6	0
15	3D Microstructured Frequency Selective Surface Based on Carbonized Polyimide Films for Terahertz Applications. <i>Advanced Optical Materials</i> , 2102178	8.1	0
14	Report on 2013 IEEE International Workshop on Electromagnetics (iWEM). <i>IEEE Antennas and Propagation Magazine</i> , <b>2014</b> , 56, 198-200	1.7	
13	An Improved Full-Wave Multilevel Green's Function Interpolation Method With RBF-QR Technique for Fast Field Evaluation. <i>IEEE Access</i> , <b>2017</b> , 5, 10241-10249	3.5	



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|----|---|-----|
| 12 | A novel CPW power amplifier linearized by CCRC. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 40, 323-324   | 1.2 |
| 11 | Unsplit-field perfectly matched layer for higher-order alternating direction implicit finite-difference time-domain method. <i>Microwave and Optical Technology Letters</i> , <b>2004</b> , 43, 130-133                           | 1.2 |
| 10 | Design of Small Antennas for Multi Frequency Bands Operation. <i>HKIE Transactions</i> , <b>2004</b> , 11, 21-25  | 2.9 |
| 9  | Design of a compact low-pass filter with wide rejection bandwidth. <i>Microwave and Optical Technology Letters</i> , <b>2005</b> , 44, 236-238  | 1.2 |
| 8  | Monte Carlo simulations of microstrip lines with random substrate impurity. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , <b>2001</b> , 11, 177-187   | 1.5 |
| 7  | Corrections to Millimeter-Wave Holographic Flat Lens Antenna for Orbital Angular Momentum Multiplexing. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2022</b> , 70, 1593-1593  | 4.9 |
| 6  | Multilevel Green's function interpolation method for scattering from composite metallic and dielectric objects. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , <b>2008</b> , 25, 2548 | 1.8 |
| 5  | Terahertz Multi-Spectral Mueller Matrix Polarimetry on Leaf Using Only Orthogonal-Polarization Measurements. <i>IEEE Transactions on Terahertz Science and Technology</i> , <b>2021</b> , 1-1                                     | 3.4 |
| 4  | Reply to Comments on Substrate-Integrated-Waveguide-Fed Array Antenna Covering 57-71 GHz Band for 5G Applications. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2021</b> , 69, 5194-5194                             | 4.9 |
| 3  | Analysis and Design of a 0.3-THz Signal Generator Using an Oscillator-Doubler Architecture in 40-nm CMOS. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2022</b> , 1-13                                 | 3.9 |
| 2  | Millimeter-Wave Slot-Based Cavity Antennas with Flexibly-Chosen Linear Polarization. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2022</b> , 1-1   | 4.9 |
| 1  | Metasurface-based Fourier lens fed by compact plasmonic optical antennas for wide-angle beam steering. <i>Optics Express</i> , <b>2022</b> , 30, 21918  | 3.3 |