

# Joshua Li

## List of Publications by Year in descending order

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docs citations

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times ranked

2977  
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#	ARTICLE	IF	CITATIONS
1	Miniaturized Close Dual-Band Bandpass Filter Based on Short Stub-Loaded Stepped-Impedance Resonators. <i>Electromagnetics</i> , 2015, 35, 49-58.	0.3	9
2	TWO-STRIP NARROW-FRAME MONOPOLE ANTENNA WITH A CAPACITOR LOADED FOR HEPTA-BAND SMARTPHONE APPLICATIONS. <i>Progress in Electromagnetics Research</i> , 2014, 145, 31-38.	1.6	8
3	Planar dual-band and tri-band bandpass filters using single improved ring resonator and simple feed scheme. <i>Microwave and Optical Technology Letters</i> , 2014, 56, 574-577.	0.9	9
4	Decoupled Hepta-Band Antenna Array for WWAN/LTE Smartphone Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014, 13, 999-1002.	2.4	64
5	Decoupled Planar WWAN Antennas With T-Shaped Protruded Ground for Smartphone Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014, 13, 483-486.	2.4	50
6	Small-Size Multiresonant Octaband Antenna for LTE/WWAN Smartphone Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014, 13, 619-622.	2.4	36
7	Low-Profile Narrow-Frame Antenna for Seven-Band WWAN/LTE Smartphone Applications. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2014, 13, 463-466.	2.4	46
8	Narrowband Substrate Integrated Waveguide Isolators. <i>IEEE Microwave and Wireless Components Letters</i> , 2014, 24, 698-700.	2.0	29
9	RF-Activated Standing Surface Acoustic Wave for On-Chip Particle Manipulation. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2014, 62, 1898-1904.	2.9	21
10	Compact ultra-wideband bandpass filter using quad-stub-loaded ring structure. <i>Microwave and Optical Technology Letters</i> , 2014, 56, 1988-1991.	0.9	6
11	Printed wideband notched antenna for wireless USB dongle attached to laptop computer. <i>Journal of Electromagnetic Waves and Applications</i> , 2013, 27, 257-266.	1.0	2
12	Small-Size Wideband Monopole With Distributed Inductive Strip for Seven-Band WWAN/LTE Mobile Phone. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2013, 12, 7-10.	2.4	40
13	Small-size printed coupled-fed antenna for eight-band LTE/GSM/UMTS wireless wide area network operation in an internal mobile handset. <i>IET Microwaves, Antennas and Propagation</i> , 2013, 7, 399-407.	0.7	31
14	Novel Surface-Mounted Antenna with a Chip Capacitance Embedded for LTE/WWAN Wireless USB Dongle Applications. <i>Electromagnetics</i> , 2013, 33, 221-233.	0.3	0
15	NOVEL DESIGN OF A COMPACT TRIPLE-BAND BANDPASS FILTER USING SHORT STUB-LOADED SIRS AND EMBEDDED SIRS STRUCTURE. <i>Progress in Electromagnetics Research</i> , 2013, 142, 309-320.	1.6	16
16	AUTOMATIC DESIGN OF BROADBAND GRADIENT INDEX METAMATERIAL LENS FOR GAIN ENHANCEMENT OF CIRCULARLY POLARIZED ANTENNAS. <i>Progress in Electromagnetics Research</i> , 2013, 141, 17-32.	1.6	27
17	PRINTED ANTENNA FOR PENTA-BAND WWAN TABLET COMPUTER APPLICATION USING EMBEDDED PARALLEL RESONANT STRUCTURE. <i>Progress in Electromagnetics Research</i> , 2013, 136, 725-737.	1.6	9
18	AN ULTRA-LOW LOSS SPLIT RING RESONATOR BY SUPPRESSING THE ELECTRIC DIPOLE MOMENT APPROACH. <i>Progress in Electromagnetics Research</i> , 2013, 137, 239-254.	1.6	12

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19	Waveguide connector constructed by normal layered dielectric materials based on embedded optical transformation. <i>Europhysics Letters</i> , 2012, 99, 47008.	0.7	12
20	Electromagnetic scattering of the carbon nanotubes excited by an electric line source. <i>Chinese Physics B</i> , 2012, 21, 014212.	0.7	5
21	On the De-Embedding Issue of Millimeter-Wave and Sub-Millimeter-Wave Measurement and Circuit Design. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2012, 2, 1361-1369.	1.4	20
22	A Novel Ultra-Wideband Antenna with Distributed Inductance for Wireless Usb Dongle Attached to Laptop Computer. <i>Journal of Electromagnetic Waves and Applications</i> , 2012, 26, 179-191.	1.0	20
23	Transmitting-Mode Time Reversal Imaging Using MUSIC Algorithm for Surveillance in Wireless Sensor Network. <i>IEEE Transactions on Antennas and Propagation</i> , 2012, 60, 220-230.	3.1	15
24	Printed Monopole Antenna With a Long Parasitic Strip for Wireless USB Dongle LTE/GSM/UMTS Operation. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012, 11, 767-770.	2.4	13
25	Gain-enhanced 132â€“160â€“GHz low-noise amplifier using 0.13â€“[micro sign]m SiGe BiCMOS. <i>Electronics Letters</i> , 2012, 48, 257.	0.5	16
26	Compact coupled-fed wideband antenna for internal eight-band LTE/WWAN tablet computer applications. <i>Journal of Electromagnetic Waves and Applications</i> , 2012, 26, 2222-2233.	1.0	28
27	Design and Characterization of Tunable Terahertz Metamaterials With Broad Bandwidth and Low Loss. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2012, 11, 264-267.	2.4	21
28	Printed slot antenna for seven-band GSM/UMTS/LTE operation in the internal mobile phone. <i>Journal of Electromagnetic Waves and Applications</i> , 2012, 26, 2033-2042.	1.0	2
29	Compact planar UWB antenna with triple band-notched characteristics for WIMAX/WLAN/ITU bands. <i>Journal of Electromagnetic Waves and Applications</i> , 2012, 26, 1873-1880.	1.0	6
30	Metamaterials With Tunable Negative Permeability Based on Mie Resonance. <i>IEEE Transactions on Magnetics</i> , 2012, 48, 4289-4292.	1.2	15
31	Analysis of Radiation Characteristics of Conformal Microstrip Arrays Using Adaptive Integral Method. <i>IEEE Transactions on Antennas and Propagation</i> , 2012, 60, 1176-1181.	3.1	20
32	Printed multi-resonant antenna embedding two inductors in radiating strips for internal mobile phone LTE/WWAN operation. <i>Journal of Electromagnetic Waves and Applications</i> , 2012, 26, 2211-2221.	1.0	8
33	Printed Internal Pentaband WWAN Antenna Using Chip-Inductor-Loaded Shorting Strip for Mobile Phone Application. <i>International Journal of Antennas and Propagation</i> , 2012, 2012, 1-7.	0.7	1
34	PRINTED WIDEBAND ANTENNA WITH CHIP-CAPACITOR-LOADED INDUCTIVE STRIP FOR LTE/GSM/UMTS WWAN WIRELESS USB DONGLE APPLICATIONS. <i>Progress in Electromagnetics Research</i> , 2012, 128, 313-329.	1.6	23
35	High-Performance Computing and Engineering Applications in Electromagnetics. <i>International Journal of Antennas and Propagation</i> , 2012, 2012, 1-2.	0.7	0
36	BANDWIDTH ENHANCEMENT OF LTE/WWAN PRINTED MOBILE PHONE ANTENNA USING SLOTTED GROUND STRUCTURE. <i>Progress in Electromagnetics Research</i> , 2012, 129, 469-483.	1.6	46

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37	BANDWIDTH IMPROVEMENT OF MICROSTRIP ANTENNA ARRAY USING DUMMY EBG PATTERN ON FEEDLINE. Progress in Electromagnetics Research, 2012, 127, 79-92.	1.6	33
38	Ultrawideband Antenna for LTE/GSM/UMTS Wireless USB Dongle Applications. IEEE Antennas and Wireless Propagation Letters, 2012, 11, 403-406.	2.4	29
39	A DETACHED ZERO INDEX METAMATERIAL LENS FOR ANTENNA GAIN ENHANCEMENT. Progress in Electromagnetics Research, 2012, 132, 463-478.	1.6	27
40	Transparent uniaxial anisotropic spherical particles designed using radial anisotropy. Physical Review E, 2011, 84, 016605.	0.8	10
41	A New Solution for Characterizing Electromagnetic Scattering by a Gyroelectric Sphere. IEEE Transactions on Antennas and Propagation, 2011, 59, 3370-3378.	3.1	37
42	Controllable Metamaterial-Loaded Waveguides Supporting Backward and Forward Waves. IEEE Transactions on Antennas and Propagation, 2011, 59, 3400-3411.	3.1	24
43	3D Transformer Design by Through Silicon via Technology and its Application for Circuit Design. Journal of Electromagnetic Waves and Applications, 2011, 25, 2513-2521.	1.0	5
44	SCATTERING ANALYSIS OF PERIODIC ARRAYS USING COMBINED CBF/P-FFT METHOD. Progress in Electromagnetics Research, 2011, 115, 131-146.	1.6	8
45	Broadband Terahertz Left-Hand Material With Negative Permeability for Magnetic Response. IEEE Transactions on Magnetics, 2011, 47, 2592-2595.	1.2	8
46	Near-Perfect Electromagnetic Cloak With Two Diagonal Components of the Permittivity and Permeability Tensors as Constants. IEEE Transactions on Magnetics, 2011, 47, 3728-3731.	1.2	3
47	An Accurate and Efficient Evaluation of Planar Multilayered Green's Functions Using Modified Fast Hankel Transform Method. IEEE Transactions on Microwave Theory and Techniques, 2011, 59, 2798-2807.	2.9	7
48	Characteristic Analysis for FDTD Based on Frequency Response. Journal of Electromagnetic Waves and Applications, 2010, 24, 283-292.	1.0	11
49	Terahertz performance of single-walled carbon nanotubes and arrays. IET Microwaves, Antennas and Propagation, 2010, 4, 1500.	0.7	4
50	Electromagnetic characteristics of metamaterial cloak covered dielectric cylinder illuminated by electric line source. IET Microwaves, Antennas and Propagation, 2010, 4, 1680.	0.7	3
51	Gold Bow-Tie Shaped Aperture Nanoantenna: Wide Band Near-field Resonance and Far-Field Radiation. IEEE Transactions on Magnetics, 2010, 46, 1918-1921.	1.2	25
52	A D-BAND POWER AMPLIFIER WITH 30-GHZ BANDWIDTH AND 4.5-DBM PSAT FOR HIGH-SPEED COMMUNICATION SYSTEM. Progress in Electromagnetics Research, 2010, 107, 161-178.	1.6	21
53	Characterization of the radiation from single-walled zig-zag carbon nanotubes at terahertz range. Chinese Physics B, 2010, 19, 067801.	0.7	2
54	Material parameters characterization for three-dimensional pyramidal cloak. Journal of Applied Physics, 2010, 107, 09A950.	1.1	1

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55	Arbitrary waveguide connector based on embedded optical transformation. Optics Express, 2010, 18, 17273.	1.7	31
56	A broadband and high-gain metamaterial microstrip antenna. Applied Physics Letters, 2010, 96, .	1.5	168
57	Polarization conversion of electromagnetic waves by Faraday chiral media. Journal of Applied Physics, 2010, 107, .	1.1	7
58	Analysis of Electromagnetic Scattering and Radiation From Finite Microstrip Structures Using an EFIE-PMCHWT Formulation. IEEE Transactions on Antennas and Propagation, 2010, 58, 2468-2473.	3.1	20
59	Electromagnetic Scattering by Finite Periodic Arrays Using the Characteristic Basis Function and Adaptive Integral Methods. IEEE Transactions on Antennas and Propagation, 2010, 58, 3086-3090.	3.1	36
60	Efficient Current-Based Hybrid Analysis of Wire Antennas Mounted on a Large Realistic Aircraft. IEEE Transactions on Antennas and Propagation, 2010, 58, 2666-2672.	3.1	39
61	Wideband and Low-Loss Metamaterials for Microwave and RF Applications: Fast Algorithm and Antenna Design. , 2010, , 293-319.		0
62	NUMERICAL CHARACTERIZATION OF BISTATIC SCATTERING FROM PEC CYLINDER PARTIALLY EMBEDDED IN A DIELECTRIC ROUGH SURFACE INTERFACE: HORIZONTAL POLARIZATION. Progress in Electromagnetics Research, 2009, 91, 35-51.	1.6	35
63	ANALYSIS OF SCATTERING BY LARGE INHOMOGENEOUS BI-ANISOTROPIC OBJECTS USING AIM. Progress in Electromagnetics Research, 2009, 99, 21-36.	1.6	19
64	Tradeoff of Transmitted Power in Time-Reversed Impulse Radio Ultrawideband Communications. IEEE Antennas and Wireless Propagation Letters, 2009, 8, 1426-1429.	2.4	11
65	Material parameters characterization for arbitrary N-sided regular polygonal invisible cloak. Journal Physics D: Applied Physics, 2009, 42, 035408.	1.3	60
66	Effects of Different Kinds of Losses on the Performance of Regular Polygonal Cloak. IEEE Transactions on Magnetics, 2009, 45, 4211-4214.	1.2	4
67	Design, Fabrication, and Testing of Three-Dimensional Miniaturized Rectangular Cavity Resonator Based on Metamaterial. IEEE Transactions on Magnetics, 2009, 45, 4329-4332.	1.2	9
68	An integrated CMOS low-power UWB transmitter. Microwave and Optical Technology Letters, 2009, 51, 1431-1436.	0.9	0
69	Implementation of parallel GMRES(m) FFT method for solving large scale electromagnetic problems. Microwave and Optical Technology Letters, 2009, 51, 2084-2087.	0.9	1
70	A fully integrated ultra-low power CMOS transmitter module for UWB systems. Microwave and Optical Technology Letters, 2009, 51, 2318-2323.	0.9	1
71	Transmission characteristics of wave modes in a rectangular waveguide filled with anisotropic metamaterial. Applied Physics A: Materials Science and Processing, 2009, 94, 747-753.	1.1	18
72	Investigation of the far/near-field properties of the inhomogeneous and anisotropic invisible cloak covered PEC cylinder illuminated by the parallel electric-line-source. Applied Physics A: Materials Science and Processing, 2009, 95, 335-341.	1.1	5

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73	Invisibility of a metamaterial cloak illuminated by spherical electromagnetic wave. Applied Physics A: Materials Science and Processing, 2009, 95, 881-888.	1.1	14
74	Hybridization of the Scattering Matrix Method and Modal Decomposition for Analysis of Signal Traces in a Power Distribution Network. IEEE Transactions on Electromagnetic Compatibility, 2009, 51, 784-791.	1.4	17
75	A New Closed-Form Solution to Light Scattering by Spherical Nanoshells. IEEE Nanotechnology Magazine, 2009, 8, 617-626.	1.1	19
76	Properties of Near and Far Fields for the Electric Line Source Illumination of a Lossy Metamaterial Covered Dielectric Cylinder. Journal of Infrared, Millimeter and Terahertz Waves, 2008, 29, 373-384.	0.6	1
77	An anisotropic metamaterial-based rectangular resonant cavity. Applied Physics A: Materials Science and Processing, 2008, 91, 573-578.	1.1	5
78	Efficient approach and application of the Green's functions in spatial domain in multilayered media. Science in China Series F: Information Sciences, 2008, 51, 394-407.	1.1	1
79	Elliptically shaped ultra-wideband patch antenna with band-notch features. Microwave and Optical Technology Letters, 2008, 50, 736-738.	0.9	31
80	Thermal Transient Response of GaAs FETs Under Intentional Electromagnetic Interference (IEMI). IEEE Transactions on Electromagnetic Compatibility, 2008, 50, 340-346.	1.4	22
81	A Wideband Scalable and SPICE-Compatible Model for On-Chip Interconnects Up to 110 GHz. IEEE Transactions on Microwave Theory and Techniques, 2008, 56, 942-951.	2.9	38
82	An Efficient Approach for Extracting Poles of Green's Functions in General Multilayered Media. IEEE Transactions on Antennas and Propagation, 2008, 56, 269-273.	3.1	17
83	Application of Hybrid FETD-FDTD Method in the Modeling and Analysis of Antennas. IEEE Transactions on Antennas and Propagation, 2008, 56, 3068-3072.	3.1	12
84	Light scattering by arrays of gold nanospheres and nanoellipsoids. , 2008, , .		0
85	A Novel Series-Fed Taper Antenna Array Design. IEEE Antennas and Wireless Propagation Letters, 2008, 7, 362-365.	2.4	141
86	Chiral nihility effects on energy flow in chiral materials. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2008, 25, 55.	0.8	67
87	Surface polaritons of small coated cylinders illuminated by normal incident TM and TE plane waves. Optics Express, 2008, 16, 1007.	1.7	31
88	A Semi-Analytical Approach for System-Level Electrical Modeling of Electronic Packages With Large Number of Vias. IEEE Transactions on Advanced Packaging, 2008, 31, 267-274.	1.7	43
89	RF characteristics investigation of MEMS phase shifter with CPW discontinuities. , 2008, , .		2
90	Fast Analysis of RCS Over a Frequency Band Using Pre-Corrected FFT/AIM and Asymptotic Waveform Evaluation Technique. IEEE Transactions on Antennas and Propagation, 2008, 56, 3526-3533.	3.1	28

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91	Enhanced backscattering by multiple nanocylinders illuminated by TE plane wave. Journal of Applied Physics, 2008, 104, .	1.1	8
92	DESIGN AND ANALYSIS OF PHASED ANTENNA ARRAY WITH LOW SIDELobe BY FAST ALGORITHM. Progress in Electromagnetics Research, 2008, 87, 131-147.	1.6	14
93	ACCURATE MODELING OF MONOPOLE ANTENNAS IN SHIELDED ENCLOSURES WITH APERTURES. Progress in Electromagnetics Research, 2008, 79, 251-262.	1.6	23
94	A Fully Integrated CMOS Transmitter for Ultra-wideband Applications. , 2007, , .		8
95	Efficient Analysis and Design of Finite Phased Arrays of Printed Dipoles Using Fast Algorithm: Some Case Studies. Journal of Electromagnetic Waves and Applications, 2007, 21, 737-754.	1.0	14
96	On-chip vertical tapered solenoid inductor with high self-resonance frequency. Electronics Letters, 2007, 43, 867.	0.5	9
97	A Wideband Scalable and SPICE-Compatible Model for On-Chip Interconnects Up To 80 GHz. Radio Frequency Integrated Circuits (RFIC) Symposium, IEEE, 2007, , .	0.0	3
98	Routes to left-handed materials by magnetoelectric couplings. Physical Review B, 2007, 75, .	1.1	50
99	Scattering by rotationally symmetric anisotropic spheres: Potential formulation and parametric studies. Physical Review E, 2007, 75, 026609.	0.8	78
100	Accurate Analysis of Conformal Antenna Arrays with Finite and Curved Frequency Selective Surfaces. Journal of Electromagnetic Waves and Applications, 2007, 21, 1745-1760.	1.0	16
101	Interaction of Electromagnetic Waves With 3-D Arbitrarily Shaped Homogeneous Chiral Targets in the Presence of a Lossy Half Space. IEEE Transactions on Antennas and Propagation, 2007, 55, 3647-3655.	3.1	12
102	Eigenfunctional representation of dyadic Green's functions in multilayered gyrotropic chiral media. Journal of Physics A: Mathematical and Theoretical, 2007, 40, 5751-5766.	0.7	11
103	On the Integral Identities Consisting of Two Spherical Bessel Functions. IEEE Transactions on Antennas and Propagation, 2007, 55, 240-244.	3.1	4
104	Backward waves in magnetoelectrically chiral media: Propagation, impedance, and negative refraction. Physical Review B, 2007, 75, .	1.1	61
105	High energy plasmon resonances of silver nanoparticles. Proceedings of SPIE, 2007, , .	0.8	0
106	A Stable FDTD Subgridding Method Based on Finite Element Formulation With Hanging Variables. IEEE Transactions on Antennas and Propagation, 2007, 55, 907-915.	3.1	46
107	Functional Materials with Magnetoelectric Couplings and Gyrotropy. , 2007, , .		0
108	AIM Analysis of Scattering and Radiation by Arbitrary Surface-Wire Configurations. IEEE Transactions on Antennas and Propagation, 2007, 55, 162-166.	3.1	17

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109	AIM Analysis of Electromagnetic Scattering by Arbitrarily Shaped Magnetodielectric Object. IEEE Transactions on Antennas and Propagation, 2007, 55, 2073-2079.	3.1	14
110	Novel Co-Simulation Method for Analysis of Power Integrity and EMI in Electronic Packages with Large Number of Power/ground Vias. , 2007, , .		1
111	Analytical Solution to the $n^{\text{th}}$ Moment Equation of Wave Propagation in Continuous Random Media. IEEE Transactions on Antennas and Propagation, 2007, 55, 1407-1415.	3.1	1
112	Scattering properties of electromagnetic waves in a multilayered cylinder filled with double negative and positive materials. Radio Science, 2007, 42, n/a-n/a.	0.8	15
113	A Comparative Study of Radio Wave Propagation Over the Earth Due to a Vertical Electric Dipole. IEEE Transactions on Antennas and Propagation, 2007, 55, 2723-2732.	3.1	14
114	Dispersion of Waves Over a PEC Cylinder Coated With Two-Layer Lossy Dielectric Materials. IEEE Transactions on Antennas and Propagation, 2007, 55, 877-881.	3.1	6
115	Effects of an Electrically Large Airborne Radome on Radiation Patterns and Input Impedance of a Dipole Array. IEEE Transactions on Antennas and Propagation, 2007, 55, 2399-2402.	3.1	23
116	Sensitivity analysis of iterative adjoint technique for microstrip circuits optimization. Microwave and Optical Technology Letters, 2007, 49, 607-609.	0.9	0
117	Frequency-Thermal Characterization of On-Chip Transformers With Patterned Ground Shields. IEEE Transactions on Microwave Theory and Techniques, 2007, 55, 1-12.	2.9	27
118	Analysis of Frequency- and Temperature-Dependent Substrate Eddy Currents in On-Chip Spiral Inductors Using the Complex Image Method. IEEE Transactions on Magnetics, 2007, 43, 3243-3253.	1.2	29
119	A novel flat lens horn antenna designed based on zero refraction principle of metamaterials. Applied Physics A: Materials Science and Processing, 2007, 87, 151-156.	1.1	88
120	Broadband characteristics investigation of waves in a left-handed miniaturized waveguide loaded with ISRRs. Applied Physics A: Materials Science and Processing, 2007, 87, 305-308.	1.1	6
121	An ultra-small cavity resonator loaded with LHM and RHM layers. Applied Physics A: Materials Science and Processing, 2007, 87, 329-333.	1.1	3
122	Properties of near and far fields for the electric line source illumination of a lossless metamaterial covered conductor cylinder. Applied Physics A: Materials Science and Processing, 2007, 87, 335-341.	1.1	7
123	An Approach to the Determination of the Phase Center of Vivaldi-Based UWB Antenna. , 2007, , 69-73.		1
124	Electromagnetic Scattering Properties in a Multilayered Metamaterial Cylinder. IEICE Transactions on Communications, 2007, E90-B, 2423-2429.	0.4	15
125	Capacitance Extraction of Three-Dimensional Interconnects Using Element-by-Element Finite Element Method (EBE-FEM) and Preconditioned Conjugate Gradient (PCG) Technique. IEICE Transactions on Electronics, 2007, E90-C, 179-188.	0.3	28
126	A Fast Volume-surface Integral Equation Solver for Scattering Properties of NIMs. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2007, 3, 273-277.	0.4	2



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127	Thermal Effect Simulation of GaN HFETs under CW and Pulsed Operation. IEICE Transactions on Electronics, 2007, E90-C, 204-207.	0.3	4
128	Analysis of multilayer planar circuits by a hybrid method. IEEE Microwave and Wireless Components Letters, 2006, 16, 66-68.	2.0	10
129	Analysis of Probe-Fed Conformal Microstrip Antennas on Finite Grounded Substrate. IEEE Transactions on Antennas and Propagation, 2006, 54, 554-563.	3.1	35
130	A Fast Combined Field Volume Integral Equation Solution to EM Scattering by 3-D Dielectric Objects of Arbitrary Permittivity and Permeability. IEEE Transactions on Antennas and Propagation, 2006, 54, 961-969.	3.1	32
131	Extraction of Constitutive Relation Tensor Parameters of SRR Structures using Transmission Line Theory. Journal of Electromagnetic Waves and Applications, 2006, 20, 13-25.	1.0	25
132	Electromagnetic-Thermal Analysis for Inductances and Eddy Current Losses of On-chip Spiral Inductors on Lossy Silicon Substrate. , 2006, , .		1
133	Electromagnetic Scattering from an Array of Multiple Slit Coupled Cylindrical Impedance Cavities. Electromagnetics, 2006, 26, 387-403.	0.3	0
134	Engineering issue study of triple harmonic method for in situ flying height analysis. Journal of Magnetism and Magnetic Materials, 2006, 303, e120-e123.	1.0	1
135	Evaluation of gap length fluctuation with harmonic analysis method. Journal of Magnetism and Magnetic Materials, 2006, 303, e18-e22.	1.0	0
136	Experimental characterization of hybrid temperature and frequency effects on the performance of transformers on silicon substrate. IEEE Transactions on Magnetics, 2006, 42, 2107-2109.	1.2	2
137	Homogenization of 3-D Periodic Bianisotropic Metamaterials. IEEE Transactions on Microwave Theory and Techniques, 2006, 54, 3893-3898.	2.9	49
138	On the constitutive relations of G-chiral media and the possibility to realize negative-index media. Microwave and Optical Technology Letters, 2006, 48, 2534-2538.	0.9	18
139	Vertical Tapered Solenoidal Inductor with Zero Spacing. , 2006, , .		1
140	Properties of Faraday chiral media: Green dyadics and negative refraction. Physical Review B, 2006, 74, .	1.1	19
141	An Efficient Hybrid Method for Analysis of Slot Arrays Enclosed by a Large Radome. Journal of Electromagnetic Waves and Applications, 2006, 20, 249-264.	1.0	32
142	Hanging variables in finite element time domain method with hexahedral edge elements. , 2006, , .		3
143	Regularization of the Combined Field Integral Equation on Parametric Surface for EM Scattering Problems. Electromagnetics, 2006, 26, 423-438.	0.3	2
144	Smaller offset broadwall longitudinal waveguide slots: a new analysis using a new idea. IET Microwaves Antennas and Propagation, 2005, 152, 179.	1.2	2

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145	Two-dimensional scattering of a Gaussian beam by a periodic array of circular cylinders. IEEE Transactions on Geoscience and Remote Sensing, 2005, 43, 280-285.	2.7	43
146	Analysis of Multilayered Millimeter Wave Structure with Via-Holes Connected. Journal of Infrared, Millimeter and Terahertz Waves, 2005, 26, 315-327.	0.6	1
147	Studies on Fast Algorithm for the Scattering of a Large Array of Waveguide-Fed Wide-Slot Antennas in Millimeter Wave Region. Journal of Infrared, Millimeter and Terahertz Waves, 2005, 26, 701-713.	0.6	0
148	FDTD ANALYSIS OF A DUAL-FREQUENCY MICROSTRIP PATCH ANTENNA. Progress in Electromagnetics Research, 2005, 54, 155-178.	1.6	40
149	MACROSCOPIC PERFORMANCE ANALYSIS OF METAMATERIALS SYNTHESIZED FROM MICROSCOPIC 2-D ISOTROPIC CROSS SPLIT-RING RESONATOR ARRAY. Progress in Electromagnetics Research, 2005, 51, 197-217.	1.6	26
150	FAST ANALYSIS OF ELECTROMAGNETIC TRANSMISSION THROUGH ARBITRARILY SHAPED AIRBORNE RADOMES USING PRECORRECTED-FFT METHOD. Progress in Electromagnetics Research, 2005, 54, 37-59.	1.6	26
151	Left-handed Material Effects on Waves Modes and Resonant Frequencies: Filled Waveguide Structures and Substrate-Loaded Patch Antennas. Journal of Electromagnetic Waves and Applications, 2005, 19, 2033-2047.	1.0	35
152	A fast volume-surface integral equation solver for scattering from composite conducting-dielectric objects. IEEE Transactions on Antennas and Propagation, 2005, 53, 818-824.	3.1	75
153	Finite-difference time-domain macromodel for simulation of electromagnetic interference at high-speed interconnects. IEEE Transactions on Magnetics, 2005, 41, 65-71.	1.2	19
154	Field Representations in General Gyrotropic Media in Spherical Coordinates. IEEE Antennas and Wireless Propagation Letters, 2005, 4, 467-470.	2.4	23
155	Method of Moments Analysis of Waveguide Slot Antennas using the EFIE. Journal of Electromagnetic Waves and Applications, 2005, 19, 1729-1748.	1.0	15
156	Analysis and Design on Aperture Antenna Systems with Large Electrical Size Using Multilevel Fast Multipole Method. Journal of Electromagnetic Waves and Applications, 2005, 19, 1485-1500.	1.0	6
157	Hybrid FDTD-MPIE method for the simulation of locally inhomogeneous multilayer LTCC structure. IEEE Microwave and Wireless Components Letters, 2005, 15, 42-44.	2.0	5
158	Average power handling capability of finite-ground thin-film microstrip lines over ultra-wide frequency ranges. IEEE Microwave and Wireless Components Letters, 2005, 15, 715-717.	2.0	14
159	A V-shaped structure for improving the directional properties of the loop antenna. IEEE Transactions on Antennas and Propagation, 2005, 53, 2114-2117.	3.1	19
160	AIM solution to electromagnetic scattering using parametric geometry. IEEE Antennas and Wireless Propagation Letters, 2005, 4, 107-111.	2.4	4
161	Entire-domain MoM analysis of an array of arbitrarily oriented circular loop antennas: a general formulation. IEEE Transactions on Antennas and Propagation, 2005, 53, 2961-2968.	3.1	13
162	Propagation property analysis of metamaterial constructed by conductive SRRs and wires using the MGS-based algorithm. IEEE Transactions on Microwave Theory and Techniques, 2005, 53, 1469-1476.	2.9	22

#	ARTICLE	IF	CITATIONS
163	RCS computation for a large array of waveguide slots with finite wall thickness using the MoM accelerated by P-FFT algorithm. IEEE Transactions on Antennas and Propagation, 2005, 53, 3101-3105.	3.1	7
164	Precorrected-FFT solution of the volume Integral equation for 3-D inhomogeneous dielectric objects. IEEE Transactions on Antennas and Propagation, 2005, 53, 313-320.	3.1	58
165	RCS Computation of Composite Conducting-Dielectric Objects with Junctions using the Hybrid Volume-Surface Integral Equation. Journal of Electromagnetic Waves and Applications, 2005, 19, 19-36.	1.0	9
166	Analysis of scattering by a large array of waveguide-fed wide-slot millimeter wave antennas using precorrected-FFT algorithm. IEEE Microwave and Wireless Components Letters, 2005, 15, 772-774.	2.0	6
167	Preconditioners for adaptive integral method implementation. IEEE Transactions on Antennas and Propagation, 2005, 53, 2346-2350.	3.1	10
168	Electromagnetic scattering by an inhomogeneous plasma anisotropic sphere of multilayers. IEEE Transactions on Antennas and Propagation, 2005, 53, 3982-3989.	3.1	52
169	Efficient analysis of antenna radiation in the presence of airborne dielectric radomes of arbitrary shape. IEEE Transactions on Antennas and Propagation, 2005, 53, 442-449.	3.1	30
170	Analysis of Reflector and Horn Antennas Using Adaptive Integral Method. IEICE Transactions on Communications, 2005, E88-B, 2327-2333.	0.4	17
171	Investigation of Numerical Stability of 2D FE/FDTD Hybrid Algorithm for Different Hybridization Schemes. IEICE Transactions on Communications, 2005, E88-B, 2341-2345.	0.4	6
172	SOLVING MIXED DIELECTRIC/CONDUCTING SCATTERING PROBLEM USING ADAPTIVE INTEGRAL METHOD. Progress in Electromagnetics Research, 2004, 46, 143-163.	1.6	16
173	MIXED POTENTIAL SPATIAL DOMAIN GREEN'S FUNCTIONS IN FAST COMPUTATIONAL FORM FOR CYLINDRICALLY STRATIFIED MEDIA. Progress in Electromagnetics Research, 2004, 45, 181-199.	1.6	25
174	PERFORMANCE TRENDS OF ON-CHIP SPIRAL INDUCTORS FOR RFICS. Progress in Electromagnetics Research, 2004, 45, 123-151.	1.6	21
175	Calculation of scattering from dielectric objects above half space. Electronics Letters, 2004, 40, 339.	0.5	2
176	On the numerical errors in the 2D FE/FDTD algorithm for different hybridization schemes. IEEE Microwave and Wireless Components Letters, 2004, 14, 168-170.	2.0	11
177	A new general formulation for the entire-domain analysis of an array of arbitrarily oriented circular loop antennas. , 2004, , .		1
178	Reply to "Comments on 'A Complete Set of Spatial-Domain Dyadic Green's Function Components for Cylindrically Stratified Media in Fast Computation form. Journal of Electromagnetic Waves and Applications, 2004, 18, 1395-1398.	1.0	3
179	Calculation of spatial-domain Green functions for multilayered media using DCIM with automatic handling of surface wave poles. IET Microwaves Antennas and Propagation, 2004, 151, 236.	1.2	11
180	Reply: Experimental characterisation and modelling of on-chip capacitors and resistors on GaAs substrates. IET Microwaves Antennas and Propagation, 2004, 151, 544.	1.2	0

#	ARTICLE	IF	CITATIONS
181	Experimental Characterization of On-Chip Inductor and Capacitor Interconnect: Part II. Shunt Case. IEEE Transactions on Magnetics, 2004, 40, 1657-1663.	1.2	4
182	Double-Level Spiral Inductors With Multiple-Via Interconnects on GaAs Substrates. IEEE Transactions on Magnetics, 2004, 40, 1756-1758.	1.2	12
183	Electromagnetic Scattering by a Mixture of Conducting and Dielectric Objects: Analysis Using Method of Moments. IEEE Transactions on Vehicular Technology, 2004, 53, 514-520.	3.9	13
184	Model description and parameter extraction of on-chip spiral inductors for MMICs. International Journal of RF and Microwave Computer-Aided Engineering, 2004, 14, 111-121.	0.8	6
185	An enhanced cavity model for microstrip antennas. Microwave and Optical Technology Letters, 2004, 40, 520-523.	0.9	6
186	Distortion of a square pulse wave with finite rise time in edge-coupled microstrip lines on LTCC substrate. Microwave and Optical Technology Letters, 2004, 42, 8-13.	0.9	2
187	A parallel analysis of the scattering from inhomogeneous dielectric bodies by the volume integral equation and the precorrected-FFT algorithm. Microwave and Optical Technology Letters, 2004, 42, 77-79.	0.9	2
188	Fast analysis of interconnect response illuminated by an external electromagnetic field using G-FDTD. Microwave and Optical Technology Letters, 2004, 42, 304-307.	0.9	0
189	Characterization of resistive-loaded wire loop in UWB (impulse) radio. Microwave and Optical Technology Letters, 2004, 43, 151-156.	0.9	3
190	Investigation of time-domain characteristics of thin-wire antennas. Microwave and Optical Technology Letters, 2004, 43, 253-258.	0.9	4
191	Closed-Form Solution to Electromagnetic Fields in Far Zone Radiated by Toroidal Antennas. IEEE Transactions on Antennas and Propagation, 2004, 52, 2381-2390.	3.1	3
192	Method of Moments Analysis of EM Fields in a Multilayered Spheroid Radiated by a Thin Circular Loop Antenna. IEEE Transactions on Antennas and Propagation, 2004, 52, 2391-2402.	3.1	6
193	SIGNAL PROPAGATION IN HIGH SPEED DIFFERENTIAL TRANSMISSION LINE USING PARALLELIZED FINITE-DIFFERENCE TIME-DOMAIN METHOD. Journal of Electromagnetic Waves and Applications, 2004, 18, 437-454.	1.0	0
194	Cylindrical Vector Eigenfunction Expansion of Green Dyadics for Multilayered Anisotropic Media and Its Application to Four-Layered Forest. IEEE Transactions on Antennas and Propagation, 2004, 52, 466-477.	3.1	18
195	Corrections to "A Fast Analysis of Scattering and Radiation of Large Microstrip Antenna Arrays". IEEE Transactions on Antennas and Propagation, 2004, 52, 1921-1921.	3.1	1
196	Characterizing scattering by 3D arbitrarily shaped homogeneous dielectric objects using fast multipole method. IEEE Antennas and Wireless Propagation Letters, 2004, 3, 1-4.	2.4	7
197	Characterization of electromagnetic scattering by a plasma anisotropic spherical shell. IEEE Antennas and Wireless Propagation Letters, 2004, 3, 100-103.	2.4	30
198	Characterizing helical microstrip antenna mounted on a dielectric-coated circular cylinder using MoM and closed-form Green's function. IEEE Antennas and Wireless Propagation Letters, 2004, 3, 15-18.	2.4	6

#	ARTICLE	IF	CITATIONS
199	Comments on "Mutual Coupling of Two Collocated Orthogonally Oriented Circular Thin-Wire Loops"; IEEE Transactions on Antennas and Propagation, 2004, 52, 1625-1626.	3.1	5
200	Radiation due to an infinitely imposed current line source near a dielectric elliptic waveguide: A dyadic Green's function approach. Radio Science, 2004, 39, n/a-n/a.	0.8	5
201	Efficient analysis of electromagnetic scattering and radiation from patches on finite, arbitrarily curved, grounded substrates. Radio Science, 2004, 39, n/a-n/a.	0.8	7
202	Mie scattering by a uniaxial anisotropic sphere. Physical Review E, 2004, 70, 056609.	0.8	117
203	Wave Mode and Path Characteristics in a Four-Layered Anisotropic Forest Environment. IEEE Transactions on Antennas and Propagation, 2004, 52, 2445-2455.	3.1	22
204	Fast Solution of Mixed Dielectric/Conducting Scattering Problem Using Volume-Surface Adaptive Integral Method. IEEE Transactions on Antennas and Propagation, 2004, 52, 3071-3077.	3.1	49
205	Further Improvement for Fast Computation of Mixed Potential Green's Functions for Cylindrically Stratified Media. IEEE Transactions on Antennas and Propagation, 2004, 52, 3026-3036.	3.1	46
206	A Coupled Efficient and Systematic Full-Wave Time-Domain Macromodeling and Circuit Simulation Method for Signal Integrity Analysis of High-Speed Interconnects. IEEE Transactions on Advanced Packaging, 2004, 27, 213-223.	1.7	86
207	Global performance evaluation of various on-chip square spiral inductors on GaAs substrates. IET Circuits, Devices and Systems, 2003, 150, 51.	0.6	3
208	Constitutive parameter effects in some multilayered bianisotropic microstrip lines: clarification of magnetic groups of symmetry. IET Microwaves Antennas and Propagation, 2003, 150, 18.	1.2	2
209	Experimental characterisation of on-chip octagonal double-helix inductors on silicon substrates. IET Microwaves Antennas and Propagation, 2003, 150, 265.	1.2	4
210	Modelling on-chip circular double-spiral stacked inductors for RFICs. IET Microwaves Antennas and Propagation, 2003, 150, 463.	1.2	14
211	Experimental characterization of on-chip inductor and capacitor interconnect: part I. series case. IEEE Transactions on Magnetics, 2003, 39, 3497-3502.	1.2	5
212	Closed-form eigenfrequencies in prolate spheroidal conducting cavity. IEEE Transactions on Microwave Theory and Techniques, 2003, 51, 922-927.	2.9	10
213	Experimental characterization of coupling effects between two on-chip neighboring square inductors. IEEE Transactions on Electromagnetic Compatibility, 2003, 45, 557-561.	1.4	14
214	Compact equivalent circuit model of two-layer spiral inductors. International Journal of RF and Microwave Computer-Aided Engineering, 2003, 13, 148-153.	0.8	5
215	A fast analysis of electromagnetic scattering by arbitrarily shaped homogeneous dielectric objects. Microwave and Optical Technology Letters, 2003, 38, 30-35.	0.9	23
216	An improved analysis of one-dimensional PBG structure using the ADI-FDTD method. Microwave and Optical Technology Letters, 2003, 38, 348-352.	0.9	1

#	ARTICLE	IF	CITATIONS
217	An asymptotic formula for estimating coupling between suspended plate antennas with an inclined ground plane. <i>Microwave and Optical Technology Letters</i> , 2003, 39, 19-22.	0.9	0
218	Analysis of signal propagation on high-speed planar interconnect systems based on full-wave and macromodeling techniques. <i>Microwave and Optical Technology Letters</i> , 2003, 39, 183-187.	0.9	4
219	Dual-polarized slot-coupled planar antenna with wide bandwidth. <i>IEEE Transactions on Antennas and Propagation</i> , 2003, 51, 441-448.	3.1	124
220	Analysis of electromagnetic scattering by a plasma anisotropic sphere. <i>Radio Science</i> , 2003, 38, n/a-n/a.	0.8	66
221	A broad-band dual-polarized microstrip patch antenna with aperture coupling. <i>IEEE Transactions on Antennas and Propagation</i> , 2003, 51, 898-900.	3.1	177
222	Electromagnetic scattering by partially buried PEC cylinder at the dielectric rough surface interface: TM case. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2003, 2, 319-322.	2.4	42
223	Dyadic green's functions inside/outside a dielectric elliptical cylinder: theory and application. <i>IEEE Transactions on Antennas and Propagation</i> , 2003, 51, 564-574.	3.1	15
224	Two-dimensional scattering by a periodic array of gyrotropic cylinders embedded in a dielectric slab. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2003, 2, 18-21.	2.4	9
225	Comparative characteristics of on-chip single- and double-level square inductors. <i>IEEE Transactions on Magnetics</i> , 2003, 39, 1778-1783.	1.2	14
226	Analysis of scattering from composite conducting and dielectric targets using the precorrected FFT algorithm. <i>Journal of Electromagnetic Waves and Applications</i> , 2003, 17, 499-515.	1.0	14
227	FAST SIMULATION OF ELECTROMAGNETIC SCATTERING FROM LARGE COMPLEX PEC OBJECTS USING THE ADAPTIVE INTEGRAL METHOD. <i>Journal of Electromagnetic Waves and Applications</i> , 2003, 17, 99-114.	1.0	4
228	Creeping waves along a perfectly conducting cylinder with a lossy magnetic coating. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2003, 2, 298-301.	2.4	6
229	ON THE FIELD ITERATIVE METHOD FOR MODELING OF TWO-DIMENSIONAL LARGE APERTURE OPEN-ENDED CAVITY. <i>Journal of Electromagnetic Waves and Applications</i> , 2003, 17, 1113-1130.	1.0	7
230	MPI-BASED PARALLELIZED PRECORRECTED FFT ALGORITHM FOR ANALYZING SCATTERING BY ARBITRARILY SHAPED THREE-DIMENSIONAL OBJECTS - ABSTRACT. <i>Journal of Electromagnetic Waves and Applications</i> , 2003, 17, 1489-1491.	1.0	13
231	Local scalable description of global characteristics of various on-chip asymmetrically octagonal inductors. <i>IEEE Transactions on Magnetics</i> , 2003, 39, 2042-2048.	1.2	9
232	ELECTROMAGNETIC SCATTERING FROM A CIRCULAR TARGET ABOVE OR BELOW ROUGH SURFACE - ABSTRACT. <i>Journal of Electromagnetic Waves and Applications</i> , 2003, 17, 1153-1155.	1.0	6
233	ELECTROMAGNETIC SCATTERING BY A MULTILAYER GYROTROPIC BIANISOTROPIC CIRCULAR CYLINDER - Abstract. <i>Journal of Electromagnetic Waves and Applications</i> , 2003, 17, 881-883.	1.0	1
234	A fast analysis of scattering and radiation of large microstrip antenna arrays. <i>IEEE Transactions on Antennas and Propagation</i> , 2003, 51, 2218-2226.	3.1	56

#	ARTICLE	IF	CITATIONS
235	EIGENFUNCTIONAL REPRESENTATION OF DYADIC GREEN'S FUNCTIONS IN CYLINDRICALLY MULTILAYERED GYROELECTRIC CHIRAL MEDIA - ABSTRACT. Journal of Electromagnetic Waves and Applications, 2003, 17, 1315-1317.	1.0	0
236	SCATTERING BY A GYROTROPIC BIANISOTROPIC CYLINDER OF ARBITRARY CROSS SECTION: AN ANALYSIS USING GENERALIZED MULTIPOLE TECHNIQUE - ABSTRACT. Journal of Electromagnetic Waves and Applications, 2003, 17, 1049-1051.	1.0	2
237	EIGENFUNCTIONAL EXPANSION OF DYADIC GREEN'S FUNCTIONS IN GYROTROPIC MEDIA USING CYLINDRICAL VECTOR WAVE FUNCTIONS - Abstract. Journal of Electromagnetic Waves and Applications, 2003, 17, 1731-1733.	1.0	4
238	Computation of scattering cross section of targets situated above lossy half space. Electronics Letters, 2003, 39, 683.	0.5	0
239	Eigenfunctional Representation of Dyadic Green's Functions in Cylindrically Multilayered Gyroelectric Chiral Media. Progress in Electromagnetics Research, 2003, 42, 143-171.	1.6	5
240	Electromagnetic Scattering by a Multilayer Gyrotropic Bianisotropic Circular Cylinder. Progress in Electromagnetics Research, 2003, 40, 91-111.	1.6	9
241	Cylindrical Vector Wave Function Representation of Green's Dyadic in Gyrotropic Bianisotropic Media. Progress in Electromagnetics Research, 2003, 42, 287-302.	1.6	4
242	MPI-Based Parallelized Precorrected FFT Algorithm for Analyzing Scattering by Arbitrarily Shaped Three-Dimensional Objects. Progress in Electromagnetics Research, 2003, 42, 247-259.	1.6	5
243	Scattering by a Gyrotropic Bianisotropic Cylinder of Arbitrary Cross Section: An Analysis Using Generalized Multipole Technique. Progress in Electromagnetics Research, 2003, 40, 315-333.	1.6	7
244	Electromagnetic Scattering from a Circular Target above or below Rough Surface. Progress in Electromagnetics Research, 2003, 40, 207-227.	1.6	58
245	An Alternative Representation of Magnetic Green's Dyadics in a Spherical-Shell Dielectric Radome. Journal of Electromagnetic Waves and Applications, 2002, 16, 63-77.	1.0	2
246	Radio Wave Propagation along Earth-Space Paths in the Presence of a Multilayered Anisotropic Forest. Electromagnetics, 2002, 22, 235-260.	0.3	4
247	Analysis of Radiation Characteristics of an Open Circular Waveguide Asymmetrically Covered By a Dielectric Layered Hemi-Spherical Radome Abstract. Journal of Electromagnetic Waves and Applications, 2002, 16, 209-211.	1.0	1
248	A Complete Set of Spatial-Domain Dyadic Green's Function Components for Cylindrically Stratified Media in Fast Computational Form. Journal of Electromagnetic Waves and Applications, 2002, 16, 1491-1509.	1.0	28
249	Electromagnetic radiation from a prolate spheroidal antenna enclosed in a confocal spheroidal radome. IEEE Transactions on Antennas and Propagation, 2002, 50, 1525-1533.	3.1	17
250	Electrical Characteristics and Behavioral Model of Spiral Inductors On Gaas Substrate. Journal of Electromagnetic Waves and Applications, 2002, 16, 443-455.	1.0	3
251	Extinction Cross Sections of Realistic Raindrops: Data-Bank Established Using T-Matrix Method and Nonlinear Fitting Technique. Journal of Electromagnetic Waves and Applications, 2002, 16, 1021-1039.	1.0	0
252	Fast Capacitance Computation Based On Adaptive Integral Solution of Second-Kind Integral Equation. Journal of Electromagnetic Waves and Applications, 2002, 16, 711-728.	1.0	5

#	ARTICLE	IF	CITATIONS
253	Em Fields Inside a Prolate Spheroid Due To a Thin Circular Loop: a Higher-Order Perturbation Approach - Abstract. Journal of Electromagnetic Waves and Applications, 2002, 16, 95-97.	1.0	2
254	Improvement of characteristics of microstrip antennas using unbalanced structures. IEEE Antennas and Wireless Propagation Letters, 2002, 1, 71-73.	2.4	5
255	Analysis of a Passive Circular Loop Antenna Radiating in the Presence of a Layered Chiral Sphere Using Method of Moments. Journal of Electromagnetic Waves and Applications, 2002, 16, 1593-1611.	1.0	6
256	Precorrected-Fft Algorithm for Solving Combined Field Integral Equations in Electromagnetic Scattering. Journal of Electromagnetic Waves and Applications, 2002, 16, 1171-1187.	1.0	65
257	Wide-band microstrip antenna with an H-shaped coupling aperture. IEEE Transactions on Vehicular Technology, 2002, 51, 17-27.	3.9	38
258	Small dual-frequency microstrip antennas. IEEE Transactions on Vehicular Technology, 2002, 51, 28-36.	3.9	19
259	The near-zone field characteristics of an E-polarization plane wave penetrating through cylindrical multiple apertures (non) coated with lossy and lossless media. IEEE Transactions on Electromagnetic Compatibility, 2002, 44, 329-337.	1.4	11
260	Efficient capacitance extraction of MMIC passive components using MoM combined with discrete complex image method. Microwave and Optical Technology Letters, 2002, 32, 216-219.	0.9	0
261	An improved equivalent circuit model for predicting the transmission characteristics of spiral inductors on GaAs substrates. Microwave and Optical Technology Letters, 2002, 34, 35-37.	0.9	3
262	RadiationQ of electrically large loop antennas with nonuniform currents. Microwave and Optical Technology Letters, 2002, 34, 377-380.	0.9	3
263	Fast analysis of scattering by arbitrarily shaped three-dimensional objects using the precorrected-FFT method. Microwave and Optical Technology Letters, 2002, 34, 438-442.	0.9	37
264	Fast full-wave analysis of a cylindrical antenna using a single integral with an exact kernel. IEEE Antennas and Wireless Propagation Letters, 2002, 1, 43-45.	2.4	5
265	A Gradient Flow Approach to Optimal Model Reduction of Discrete-Time Periodic Systems. Journal of Global Optimization, 2002, 23, 373-399.	1.1	2
266	Circular Chiroferrite Waveguides: Dispersion Curves and Dyadic Green's Functions. Electromagnetics, 2001, 21, 467-483.	0.3	0
267	Wideband dual-polarised microstrip patch antenna. Electronics Letters, 2001, 37, 1213.	0.5	25
268	Analysis of an H-Shaped Patch Antenna By Using the FDTD Method - Abstract*. Journal of Electromagnetic Waves and Applications, 2001, 15, 1499-1501.	1.0	1
269	Correct characterization of guided electromagnetic waves in chirowaveguides of arbitrary cross sections. Radio Science, 2001, 36, 525-531.	0.8	0
270	Cylindrical vector wave function representation of Green's dyadics for uniaxial bianisotropic media. Radio Science, 2001, 36, 517-523.	0.8	2



#	ARTICLE	IF	CITATIONS
271	A dual-frequency compact microstrip patch antenna. <i>Radio Science</i> , 2001, 36, 1669-1682.	0.8	14
272	A unified modal analysis of off-centered waveguide junctions with thick iris. <i>IEEE Microwave and Wireless Components Letters</i> , 2001, 11, 388-390.	2.0	0
273	Analysis of metallic waveguides of a large class of cross sections using polynomial approximation and superquadric functions. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2001, 49, 1136-1139.	2.9	25
274	A Method of Moments Study of Sar Inside Spheroidal Human Head and Current Distribution Along Handset Wire Antennas. <i>Journal of Electromagnetic Waves and Applications</i> , 2001, 15, 61-75.	1.0	14
275	Method of Moments Analysis of Active Thin Circular Loop Antennas With Closed-Form Currents and Validity. <i>Journal of Electromagnetic Waves and Applications</i> , 2001, 15, 1551-1569.	1.0	5
276	The Electromagnetic Response of Multiple Cylindrically Curved Thin Screens Excited by a Line Electric Current Source. <i>Electromagnetics</i> , 2001, 21, 245-257.	0.3	0
277	The Penetrated and Scattered Field Distributions in the Presence of a Nonuniform Cold Magnetized Plasma Column Surrounded by Multiple Apertures: TE-Wave Incidence. <i>Electromagnetics</i> , 2001, 21, 307-318.	0.3	1
278	Dual-polarised wideband microstrip antenna. <i>Electronics Letters</i> , 2001, 37, 1106.	0.5	14
279	Indirect modelling of the scattering from two-dimensional composite uniaxial bianisotropic cylinders of arbitrary cross-sections. <i>International Journal of Numerical Modelling: Electronic Networks, Devices and Fields</i> , 2001, 14, 237-256.	1.2	2
280	On the accuracy of the addition theorem for a scalar Green's function used in the FMM. <i>Microwave and Optical Technology Letters</i> , 2001, 31, 439-442.	0.9	8
281	Analysis of finite-slot phased arrays fed by rectangular waveguides using method of moments. <i>Microwave and Optical Technology Letters</i> , 2001, 29, 132-136.	0.9	3
282	Analysis of similar behaviors of planar and linear arrays. <i>Microwave and Optical Technology Letters</i> , 2001, 30, 196-199.	0.9	0
283	Fast characterization of microstrip antenna resonance in multilayered media using interpolation/extrapolation methods. <i>Microwave and Optical Technology Letters</i> , 2001, 28, 342-346.	0.9	3
284	QZ Factorization for generalized eigenvalues applied to waveguide analysis. <i>Microwave and Optical Technology Letters</i> , 2001, 28, 361-364.	0.9	3
285	Electromagnetic dyadic Green's functions for multilayered spheroidal structures. I: formulation. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2001, 49, 532-541.	2.9	10
286	Circular cylindrical waveguide filled with uniaxial anisotropic media electromagnetic fields and dyadic Green's functions. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2001, 49, 1361-1364.	2.9	10
287	Low cost, dual linearly polarised microstrip patch array. <i>IET Microwaves Antennas and Propagation</i> , 2001, 148, 21.	1.2	17
288	FDTD analysis of a slot-loaded meandered rectangular patch antenna for dual-frequency operation. <i>IET Microwaves Antennas and Propagation</i> , 2001, 148, 65.	1.2	13

#	ARTICLE	IF	CITATIONS
289	Integrated multibeam dual-polarised planar array. IET Microwaves Antennas and Propagation, 2001, 148, 174.	1.2	21
290	Novel unified mode matching analysis of concentric waveguide junctions. IET Microwaves Antennas and Propagation, 2001, 148, 369.	1.2	10
291	Bistatic Scattering and Backscattering of Electromagnetic Waves By Conducting and Coated Dielectric Spheroids: a New Analysis Using Mathematica Package - Abstract. Journal of Electromagnetic Waves and Applications, 2001, 15, 21-23.	1.0	5
292	Resonant Scattering From a Slit Coupled Cylindrically Eccentric Impedance Cavity: the Case of H-Polarized Plane Wave Incidence. Journal of Electromagnetic Waves and Applications, 2001, 15, 269-285.	1.0	1
293	Multipath Propagation of Radio Waves in 3-Dimensional Terrains. Journal of Electromagnetic Waves and Applications, 2001, 15, 411-431.	1.0	1
294	A Spatial-Domain Method of Moments Analysis of a Cylindrical-Rectangular Chirostrip - Abstract. Journal of Electromagnetic Waves and Applications, 2001, 15, 1697-1698.	1.0	3
295	Dyadic Green's Functions in Multilayered Stratified Gyroelectric Chiral Media - Abstract. Journal of Electromagnetic Waves and Applications, 2001, 15, 1671-1672.	1.0	0
296	Plane Wave Scattering By an Achiral Multilayered Sphere in an Infinitely Extended Chiral Host Medium - Abstract. Journal of Electromagnetic Waves and Applications, 2001, 15, 1043-1045.	1.0	2
297	Wave-Matching Analysis of an Open-Ended Circular Waveguide With an Infinite Conducting Flange. Journal of Electromagnetic Waves and Applications, 2001, 15, 1645-1666.	1.0	0
298	Method of Moments Analysis of Electrically Large Thin Square and Rectangular Loop Antennas: Near- and Far-Zone Fields - Abstract. Journal of Electromagnetic Waves and Applications, 2001, 15, 1369-1371.	1.0	4
299	Cutoff wavenumbers in truncated waveguides. IEEE Microwave and Wireless Components Letters, 2001, 11, 214-216.	2.0	14
300	Analysis of Element Characteristics of Finite Phased Arrays Using Matrix Manipulations. Journal of Electromagnetic Waves and Applications, 2001, 15, 561-575.	1.0	0
301	Electromagnetic Scattering of a Thin Circular Loop Enclosed By a Spherical Chiral Radome Shell: a Method of Moments Analysis - Abstract. Journal of Electromagnetic Waves and Applications, 2001, 15, 1695-1696.	1.0	0
302	Hybrid effects of gyrotropy and chirality in chiral-ferrite fin lines. Microwave and Optical Technology Letters, 2000, 25, 40-44.	0.9	3
303	Field representations in general rotationally uniaxial anisotropic media using spherical vector wave functions. Microwave and Optical Technology Letters, 2000, 25, 159-162.	0.9	16
304	Reply to ?Comments on ?On the Constitutive Relations of Chiral Media and Green's Dyadics for an Unbounded Chiral Medium??. Microwave and Optical Technology Letters, 2000, 26, 65-66.	0.9	0
305	Reply to ?Comments on ?On the Constitutive Relations of Chiral Media and Green's Dyadics for An Unbounded Chiral Medium??. Microwave and Optical Technology Letters, 2000, 26, 278-278.	0.9	0
306	A multilevel BCG-FFT method for the analysis of a microstrip antenna and array. Microwave and Optical Technology Letters, 2000, 27, 20-23.	0.9	2

#	ARTICLE	IF	CITATIONS
307	The interaction of a Gaussian beam wave with an array of slit-coupled cylindrical-impedance screens. Microwave and Optical Technology Letters, 2000, 27, 248-252.	0.9	0
308	Improved analysis of antenna radiation from a circular aperture covered by a dielectric hemispherical radome shell. IET Microwaves Antennas and Propagation, 2000, 147, 144.	1.2	8
309	Multiple penetration of a TE/sub z/-polarized plane wave into multilayered cylindrical cavity-backed apertures. IEEE Transactions on Electromagnetic Compatibility, 2000, 42, 330-338.	1.4	11
310	Analysis of hollow conducting waveguides using superquadric functions-A unified representation. IEEE Transactions on Microwave Theory and Techniques, 2000, 48, 876-880.	2.9	12
311	Electromagnetic Fields of a Thin Circular Loop Antenna Above a (Un)Grounded Multi-Layered Chiral Slabs: the Non-Uniform Current Excitation - Abstract. Journal of Electromagnetic Waves and Applications, 2000, 14, 1139-1140.	1.0	2
312	Representation of Dyadic Green's Functions for a Perfectly Conducting Body of Arbitrary Shape. Journal of Electromagnetic Waves and Applications, 2000, 14, 369-381.	1.0	2
313	Multiple Scattering By an Array of Finite Cylindrically Curved Thin Screens. Journal of Electromagnetic Waves and Applications, 2000, 14, 1449-1464.	1.0	0
314	The Mueller Matrix of a Two-Layer Eccentrically Bianisotropic Cylinder Linear Array With Double Helical Conductances of the Surfaces: Clarification of the Magnetic Symmetry Groups - Abstract. Journal of Electromagnetic Waves and Applications, 2000, 14, 1135-1137.	1.0	3
315	Multiple scattering of an E-polarisation plane wave from multiple cylindrical strips. IET Microwaves Antennas and Propagation, 2000, 147, 423.	1.2	1
316	Resonant Behaviours of Microstrip Antenna in Multilayered Media: an Efficient Full-Wave Analysis - Abstract. Journal of Electromagnetic Waves and Applications, 2000, 14, 1551-1553.	1.0	4
317	Vector Wave Function Expansion for Dyadic Green's Functions for Cylindrical Chiro-waveguides: an Alternative Representation. Journal of Electromagnetic Waves and Applications, 2000, 14, 673-692.	1.0	3
318	Efficient Capacitance Computation for Three-Dimensional Structures Based On Adaptive Integral Method - Abstract. Journal of Electromagnetic Waves and Applications, 2000, 14, 1133-1134.	1.0	13
319	Specific Absorption Rates in Human Head Due To Handset Antennas: a Comparative Study Using FDTD Method. Journal of Electromagnetic Waves and Applications, 2000, 14, 987-1000.	1.0	9
320	The Penetrated and Scattered Field Distributions in the Presence of a Non-Uniform Cold Magnetised Plasma Column Surrounded By Multiple Strips: Tm Wave Incidence. Journal of Electromagnetic Waves and Applications, 2000, 14, 1429-1447.	1.0	1
321	FDTD Analysis of Side-Coupled Microstrip Filter. Journal of Electromagnetic Waves and Applications, 2000, 14, 1533-1548.	1.0	1
322	Theory of Gyroelectric Waveguides - Abstract. Journal of Electromagnetic Waves and Applications, 2000, 14, 1247-1249.	1.0	2
323	Cumulative distributions of rainfall rate and microwave attenuation in Singapore's tropical region. Radio Science, 2000, 35, 751-756.	0.8	13
324	Specific absorption rate distributions in a multilayered spheroidal human head model exposed to mobile dipoles. Radio Science, 2000, 35, 247-256.	0.8	6

#	ARTICLE	IF	CITATIONS
325	Scattering By an Arbitrarily Shaped Rotationally Uniaxial Anisotropic Object: Electromagnetic Fields and Dyadic Green's Functions - Abstract. Journal of Electromagnetic Waves and Applications, 2000, 14, 903-904.	1.0	0
326	Multiple scattering from gyrotropic bianisotropic cylinders of arbitrary cross sections using the modeling technique. Physical Review E, 1999, 60, 918-925.	0.8	12
327	Comment on "Eigenfunction expansion of the dyadic Green's function in a gyroelectric chiral medium by cylindrical vector wave functions". Physical Review E, 1999, 59, 3767-3771.	0.8	15
328	Radiation Patterns of a Dipole Antenna Array On Bianisotropic Substrates With a Soft- and Hard-Surface: the Clarification of the Continuous Magnetic Group of Symmetry. Journal of Electromagnetic Waves and Applications, 1999, 13, 1173-1189.	1.0	3
329	Analysis of Electromagnetic Wave Propagation in Forest Environment Along Multiple Paths. Journal of Electromagnetic Waves and Applications, 1999, 13, 1057-1059.	1.0	14
330	Method-of-moments analysis of electrically large circular-loop antennas: Nonuniform currents. IET Microwaves Antennas and Propagation, 1999, 146, 416.	1.2	33
331	Radiation pattern of cylindrical-wraparound chirostrip antennas. Microwave and Optical Technology Letters, 1999, 21, 211-214.	0.9	0
332	Analysis of a circular aperture antenna and its covered dielectric hemispherical radome shell over ground plane: Near- and far-zone patterns. Microwave and Optical Technology Letters, 1999, 21, 238-243.	0.9	6
333	Reflection and transmission characteristics of bianisotropic slabs with(out) a soft and hard surface: Clarification of the magnetic group of symmetry. Microwave and Optical Technology Letters, 1999, 21, 351-356.	0.9	9
334	Analysis of experimental results on microwave propagation in Singapore's tropical rainfall environment. Microwave and Optical Technology Letters, 1999, 21, 470-473.	0.9	6
335	On the constitutive relations of chiral media and Green's dyadics for an unbounded chiral medium. Microwave and Optical Technology Letters, 1999, 23, 357-361.	0.9	8
336	Analysis of radiowave propagation in a four-layered anisotropic forest environment. IEEE Transactions on Geoscience and Remote Sensing, 1999, 37, 1967-1979.	2.7	32
337	Dominant lateral waves in the canopy layer of a four-layered forest. Radio Science, 1999, 34, 681-691.	0.8	14
338	Effects of Surface Helical Conductances On Multiple Interactions of Composite Eccentrically Bianisotropic Cylinders: the Case of Tmz-Wave Incidence - Abstract. Journal of Electromagnetic Waves and Applications, 1999, 13, 1101-1102.	1.0	1
339	Microwave attenuation of spherical raindrops: An efficient TCS formula using 3-D fitting. Microwave and Optical Technology Letters, 1998, 17, 121-125.	0.9	1
340	Analysis of Electromagnetic Scattering of Conducting Circular Disk Using a Hybrid Method Abstract. Journal of Electromagnetic Waves and Applications, 1998, 12, 1199-1201.	1.0	6
341	Microwave Specific Attenuation By Oblate Spheroidal Raindrops: an Exact Analysis of Tcs's in Terms of Spheroidal Wave Functions - Abstract. Journal of Electromagnetic Waves and Applications, 1998, 12, 709-711.	1.0	5
342	A Spectral-Domain Analysis of Microstrip Antenna Array Using Method of Moments: Theory & Experiment. Journal of Electromagnetic Waves and Applications, 1998, 12, 1471-1490.	1.0	0

#	ARTICLE	IF	CITATIONS
343	High-frequency over-the-horizon radar and ionospheric backscatter studies in China. <i>Radio Science</i> , 1998, 33, 1445-1458.	0.8	13
344	Analysis of Total Transmission Loss and Cross-Polarization of a Hemi-Spherical Dielectric Radome With Rain-Water Layer: a Closed Form Solution. <i>Journal of Electromagnetic Waves and Applications</i> , 1998, 12, 731-752.	1.0	4
345	Computations of spheroidal harmonics with complex arguments: A review with an algorithm. <i>Physical Review E</i> , 1998, 58, 6792-6806.	0.8	75
346	Corrections to "A General Expression Of Dyadic Green's Functions In Radially Multilayered Chiral Media". <i>IEEE Transactions on Antennas and Propagation</i> , 1997, 45, 1441-1442.	3.1	4
347	Correction To "Input Impedance Of A Coaxial Probe Located Inside A Rectangular Cavity: Theory And Experiment". <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1997, 45, 705-705.	2.9	0
348	The effect of large-scale ionospheric gradients on backscatter ionograms. <i>Radio Science</i> , 1997, 32, 1881-1897.	0.8	9
349	Mutual impedance of two probes located in two different waveguide regions separated by a homogeneous dielectric slab: Fullwave analysis. <i>IET Microwaves Antennas and Propagation</i> , 1997, 144, 329.	1.2	2
350	Input impedance of a coaxial probe located inside a rectangular cavity: theory and experiment. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1996, 44, 1161-1164.	2.9	12
351	On the eigenfunction expansion of electromagnetic dyadic Green's functions in rectangular cavities and waveguides. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1995, 43, 700-702.	2.9	33
352	Alternative formulations of electric dyadic green's functions of the first and second kinds for an infinite rectangular waveguide with a load. <i>Microwave and Optical Technology Letters</i> , 1995, 8, 98-102.	0.9	8
353	Comments on "Coaxial probe modeling in waveguides and cavities" [with reply]. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1995, 43, 1629-1630.	2.9	2
354	On the simplified expression of realistic raindrop shapes. <i>Microwave and Optical Technology Letters</i> , 1994, 7, 201-205.	0.9	19
355	A gamma distribution of raindrop sizes and its application to Singapore's tropical environment. <i>Microwave and Optical Technology Letters</i> , 1994, 7, 253-257.	0.9	7
356	Comment on raindrop size distribution model. <i>IEEE Transactions on Antennas and Propagation</i> , 1994, 42, 1360.	3.1	70