

Tat Soon Yeo

List of Publications by Year in Descending Order

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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.

152
papers

2,993
citations

30
h-index

48
g-index

193
ext. papers

3,674
ext. citations

4.1
avg, IF

5.18
L-index

#	Paper	IF	Citations
152	MIMO Waveform Design for Dual Functions of Radar and Communication with Space-Time Coding. <i>IEEE Journal on Selected Areas in Communications</i> , 2022 , 1-1	14.2	1
151	Robust GMTI Scheme for Highly Squinted Hypersonic Vehicle-Borne Multichannel SAR in Dive Mode. <i>Remote Sensing</i> , 2021 , 13, 4431	5	1
150	Multi-Frame Integration Method for Radar Detection of Weak Moving Target. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 3609-3624	6.8	5
149	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2021 , 57, 1317-1333	3.7	5
148	Accurate SAR Image Recovery From RFI Contaminated Raw Data by Using Image Domain Mixed Regularizations. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 1-13	8.1	1
147	Co-Located MIMO Radar Target Detection in Cluttered and Noisy Environment Based on 2D Block Sparse Recovery. <i>IEEE Transactions on Signal Processing</i> , 2021 , 69, 3431-3445	4.8	4
146	A Novel Algorithm for Hypersonic SAR Imaging With Large Squint Angle and Dive Trajectory. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2021 , 1-5	4.1	0
145	Enhanced LRR-Based RFI Suppression for SAR Imaging Using the Common Sparsity of Range Profiles for Accurate Signal Recovery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 1302-1318	8.1	10
144	Compressive Sensing SAR Imaging Algorithm for LFM CW Systems. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2021 , 59, 8486-8500	8.1	2
143	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2021 , 1-1	3.7	0
142	Novel sparse apertures ISAR imaging algorithm via the TLS-ESPRIT technique. <i>IET Radar, Sonar and Navigation</i> , 2020 , 14, 852-859	1.4	1
141	Computational Efficient Refocusing and Estimation Method for Radar Moving Target With Unknown Time Information. <i>IEEE Transactions on Computational Imaging</i> , 2020 , 6, 544-557	4.5	26
140	Bi-static high resolution imaging for ship targets with sparse apertures and its application in InISAR. <i>Remote Sensing Letters</i> , 2020 , 11, 545-554	2.3	0
139	MIMO waveform design combined with constellation mapping for the integrated system of radar and communication. <i>Signal Processing</i> , 2020 , 170, 107443	4.4	1
138	High-Resolution Wide-Swath SIMO and MIMO SAR Imaging Using Short-Term Shift Orthogonal Code. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2020 , 17, 92-96	4.1	1
137	An Efficient Method for Single-Channel SAR Target Reconstruction Under Severe Deceptive Jamming. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2020 , 17, 237-241	4.1	5
136	STGRFT for Detection of Maneuvering Weak Target With Multiple Motion Models. <i>IEEE Transactions on Signal Processing</i> , 2019 , 67, 1902-1917	4.8	37

135	Refocusing and Zoom-In Polar Format Algorithm for Curvilinear Spotlight SAR Imaging on Arbitrary Region of Interest. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2019 , 57, 7995-8010	8.1	16
134	Curvilinear Video-SAR Persistent Imaging with Distortion Correction Based on Nufft-3 2019 ,		2
133	Matrix Ill-Condition Analysis in Spectrum Recovery of DPCA HRWS SAR Imaging. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2019 , 16, 55-59	4.1	1
132	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018 , 56, 2196-2210	8.1	127
131	Multiple input multiple output radar imaging based on multidimensional linear equations and sparse signal recovery. <i>IET Radar, Sonar and Navigation</i> , 2018 , 12, 3-10	1.4	3
130	Three-dimensional interferometric imaging and micromotion feature extraction of spinning space debris in low-resolution radar. <i>Journal of Applied Remote Sensing</i> , 2018 , 12, 1	1.4	1
129	Imaging for Small UAV-Borne FMCW SAR. <i>Sensors</i> , 2018 , 19,	3.8	8
128	Precision Downward-Looking 3D Synthetic Aperture Radar Imaging with Sparse Linear Array and Platform Motion Parameters Estimation. <i>Remote Sensing</i> , 2018 , 10, 1957	5	1
127	Radio Frequency Interference Suppression for SAR via Block Sparse Bayesian Learning. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2018 , 11, 4835-4847	4.7	13
126	Multiview Synthetic Aperture Radar Automatic Target Recognition Optimization: Modeling and Implementation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2018 , 56, 6425-6439	8.1	10
125	Adaptive Resource Allocation Scheme for Micromotion Feature Extraction Based on Track-Before-Detect. <i>Journal of Sensors</i> , 2018 , 2018, 1-13	2	1
124	Waveguide-Stripline Series-Corporate Hybrid Feed Technique for Dual-Polarized Antenna Array Applications. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2017 , 7, 81-87	1.7	20
123	An Over-Complete Dictionary Design Based on GSR for SAR Image Despeckling. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2017 , 14, 2230-2234	4.1	3
122	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2016 , 52, 1168-1182	3.7	18
121	Wideband Dual-Polarized and Dual-Monopulse Compact Array for SAR System Integration Applications. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2016 , 13, 1203-1207	4.1	22
120	Fabrication of a High-Efficiency Waveguide Antenna Array via Direct Metal Laser Sintering. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2016 , 15, 622-625	3.8	53
119	Sparsity-Inducing Super-Resolution Passive Radar Imaging with Illuminators of Opportunity. <i>Remote Sensing</i> , 2016 , 8, 929	5	2
118	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2016 , 52, 2504-2518	3.7	11

117	Defocusing and distortion elimination for shipborne bistatic ISAR. <i>Remote Sensing Letters</i> , 2016 , 7, 523-533		8
116	A Wideband Bandpass Filter With Frequency Selectivity Controlled by SAW Resonators. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , 2016 , 6, 897-905	1.7	9
115	Physically symmetric wideband waveguide T-junction with equal-phase and unequal-power division. <i>Microwave and Optical Technology Letters</i> , 2015 , 57, 1216-1219	1.2	4
114	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015 , 8, 3520-3531	4.7	29
113	Central DOA Estimation of Incoherently Distributed Noncircular Sources with Cross-Correlation Matrix. <i>Circuits, Systems, and Signal Processing</i> , 2015 , 34, 3697-3707	2.2	6
112	High-Resolution Bistatic ISAR Imaging Based on Two-Dimensional Compressed Sensing. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 2098-2111	4.9	33
111	A Low Profile and Low Sidelobe Wideband Slot Antenna Array Fed by an Amplitude-Tapering Waveguide Feed-Network. <i>IEEE Transactions on Antennas and Propagation</i> , 2015 , 63, 419-423	4.9	75
110	2015 ,		3
109	High-efficiency waveguide antenna with 3-D metal-direct-printing technique 2015 ,		2
108	Focusing of geosynchronous SAR with nonlinear chirp scaling algorithm. <i>Electronics Letters</i> , 2015 , 51, 1195-1197	1.1	7
107	Application of X-ray scanning to diagnose internal details of waveguide antenna fabricated by 3-D metal-direct-printing technique 2015 ,		4
106	Design of a wideband and low-profile monopulse array fabricated by 3-d metal printing technique 2015 ,		3
105	Generalized Omega-K Algorithm for Geosynchronous SAR Image Formation. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2015 , 12, 2286-2290	4.1	17
104	On compensation of Migration Through Resolution Cells in ISAR imaging 2015 ,		1
103	Two types of waveguide comparator for wideband monopulse antenna array application 2015 ,		7
102	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2015 , 51, 3399-3414	3.7	13
101	Fast Marginalized Sparse Bayesian Learning for 3-D Interferometric ISAR Image Formation Via Super-Resolution ISAR Imaging. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , 2015 , 8, 4942-4951	4.7	10
100	Geosynchronous synthetic aperture radar data focusing based on extended keystone transform. <i>Journal of Applied Remote Sensing</i> , 2015 , 9, 095042	1.4	

99	MIMO radar 3D imaging based on combined amplitude and total variation cost function with sequential order one negative exponential form. <i>IEEE Transactions on Image Processing</i> , 2014 , 23, 2168-837	8.7	43
98	Wideband Bandpass Filters With SAW-Filter-Like Selectivity Using Chip SAW Resonators. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2014 , 62, 28-36	4.1	29
97	Micromotion feature extraction of radar target using tracking pulses with adaptive pulse repetition frequency adjustment. <i>Journal of Applied Remote Sensing</i> , 2014 , 8, 083569	1.4	2
96	Three-dimensional visible-light capsule enclosing perfect supersized darkness via antiresolution. <i>Laser and Photonics Reviews</i> , 2014 , 8, 743-749	8.3	15
95	Stacked phased array coils for increasing the signal-to-noise ratio in magnetic resonance imaging. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2013 , 7, 24-30	5.1	9
94	Improved signal-to-noise ratio performance in magnetic resonance imaging by using a multilayered surface coil array--a simulation study. <i>IEEE Journal of Biomedical and Health Informatics</i> , 2013 , 17, 756-627.2	7.2	6
93	Wideband bandpass filters with high passband selectivity using SAW-like resonators 2013 ,		4
92	Micro-Doppler feature extraction for wideband imaging radar based on complex image orthogonal matching pursuit decomposition. <i>IET Radar, Sonar and Navigation</i> , 2013 , 7, 914-924	1.4	32
91	Design of a symmetric rectangular waveguide T-junction with in-phase and unequal power split characteristics 2013 ,		11
90	A Ka-band lumped element dual-behavior resonator (DBR) filter in standard 0.13- μ m CMOS technology 2013 ,		1
89	Micro-motion feature extraction of target in inverse synthetic aperture radar imaging with sparse aperture. <i>Journal of Electromagnetic Waves and Applications</i> , 2013 , 27, 1841-1849	1.3	2
88	Bistatic ISAR Imaging Incorporating Interferometric 3-D Imaging Technique. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2012 , 50, 3859-3867	8.1	36
87	Three-Dimensional Imaging Using Colocated MIMO Radar and ISAR Technique. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2012 , 50, 3189-3201	8.1	24
86	Increasing the signal-to-noise ratio by using vertically stacked phased array coils for low-field magnetic resonance imaging. <i>IEEE Transactions on Information Technology in Biomedicine</i> , 2012 , 16, 1150-6		6
85	Increase the signal-to-noise ratio of magnetic resonance imaging by a vertical coil array 2012 ,		2
84	A phased coil array for efficient wireless power transmission 2012 ,		3
83	Focusing of Tandem Bistatic-Configuration Data With Range Migration Algorithm. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2011 , 8, 88-92	4.1	10
82	Three-Dimensional Imaging of Targets Using Colocated MIMO Radar. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2011 , 49, 3009-3021	8.1	43

81	Zero Correlation Zone Codes and Extended Zero Correlation Zone Codes for MIMO radar signal separation 2010 ,		2
80	Receiver Design for MIMO Radar Range Sidelobes Suppression. <i>IEEE Transactions on Signal Processing</i> , 2010 , 58, 5469-5474	4.8	18
79	A broadband and high-gain metamaterial microstrip antenna. <i>Applied Physics Letters</i> , 2010 , 96, 164101	3.4	125
78	Sparse array 3-D ISAR imaging based on maximum likelihood estimation and CLEAN technique. <i>IEEE Transactions on Image Processing</i> , 2010 , 19, 2127-42	8.7	26
77	Fast median filtering algorithm based on FPGA 2010 ,		5
76	Motion Parameter Estimation in the SAR System With Low PRF Sampling. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2010 , 7, 450-454	4.1	31
75	Implementation of parallel GMRES(m) FFT method for solving large scale electromagnetic problems. <i>Microwave and Optical Technology Letters</i> , 2009 , 51, 2084-2087	1.2	1
74	Unambiguous Reconstruction and High-Resolution Imaging for Multiple-Channel SAR and Airborne Experiment Results. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2009 , 6, 102-106	4.1	22
73	ASED-AIM ANALYSIS OF SCATTERING BY LARGE-SCALE FINITE PERIODIC ARRAYS. <i>Progress in Electromagnetics Research B</i> , 2009 , 18, 381-399	0.7	2
72	Imaging of a Moving Target With Rotating Parts Based on the Hough Transform. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2008 , 46, 291-299	8.1	159
71	Three-Dimensional ISAR Imaging Based on Antenna Array. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2008 , 46, 504-515	8.1	64
70	Interference Cancellation for High-Frequency Surface Wave Radar. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2008 , 46, 1879-1891	8.1	30
69	Accurate Analysis of Meanderline Polarizers With Finite Thicknesses Using Mode Matching. <i>IEEE Transactions on Antennas and Propagation</i> , 2008 , 56, 3580-3585	4.9	3
68	Three-Dimensional ISAR Imaging Using a Two-Dimensional Sparse Antenna Array. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2008 , 5, 378-382	4.1	19
67	An accurate and robust approach for evaluating VIE impedance matrix elements using SWG basis functions 2008 ,		1
66	INTERFEROMETRIC ISAR IMAGING ON SQUINT MODEL. <i>Progress in Electromagnetics Research Letters</i> , 2008 , 2, 125-133	0.5	23
65	. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 2723-2732	4.9	12
64	Routes to left-handed materials by magnetoelectric couplings. <i>Physical Review B</i> , 2007 , 75,	3.3	38

63	Scattering by rotationally symmetric anisotropic spheres: potential formulation and parametric studies. <i>Physical Review E</i> , 2007 , 75, 026609	2.4	66
62	Eigenfunctional representation of dyadic Green's functions in multilayered gyrotropic chiral media. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2007 , 40, 5751-5766	2	8
61	. <i>IEEE Transactions on Antennas and Propagation</i> , 2007 , 55, 240-244	4.9	1
60	Backward waves in magnetoelectrically chiral media: Propagation, impedance, and negative refraction. <i>Physical Review B</i> , 2007 , 75,	3.3	49
59	Computational study of significant semi-infinite integrals in electromagnetic and atomic interactions 2006 ,		1
58	Lightning Interference Cancellation in High-Frequency Surface Wave Radar 2006 ,		2
57	Analysis of probe-fed conformal microstrip antennas on finite grounded substrate. <i>IEEE Transactions on Antennas and Propagation</i> , 2006 , 54, 554-563	4.9	24
56	A fast combined field volume integral equation solution to EM scattering by 3-D dielectric objects of arbitrary permittivity and permeability. <i>IEEE Transactions on Antennas and Propagation</i> , 2006 , 54, 961-969	4.9	25
55	Propagation property analysis of metamaterial constructed by conductive SRRs and wires using the MGS-based algorithm. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2005 , 53, 1469-1476	4.1	14
54	Precorrected-FFT solution of the volume Integral equation for 3-D inhomogeneous dielectric objects. <i>IEEE Transactions on Antennas and Propagation</i> , 2005 , 53, 313-320	4.9	45
53	Transient interference excision in over-the-horizon radar using adaptive time-frequency analysis. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2005 , 43, 722-735	8.1	25
52	FAST ANALYSIS OF ELECTROMAGNETIC TRANSMISSION THROUGH ARBITRARILY SHAPED AIRBORNE RADOMES USING PRECORRECTED-FFT METHOD. <i>Progress in Electromagnetics Research</i> , 2005 , 54, 37-59	3.8	23
51	A fast volume-surface integral equation solver for scattering from composite conducting-dielectric objects. <i>IEEE Transactions on Antennas and Propagation</i> , 2005 , 53, 818-824	4.9	53
50	Cylindrical vector eigenfunction expansion of Green dyadics for multilayered anisotropic media and its application to four-layered forest. <i>IEEE Transactions on Antennas and Propagation</i> , 2004 , 52, 466-477	4.9	14
49	Efficient analysis of electromagnetic scattering and radiation from patches on finite, arbitrarily curved, grounded substrates. <i>Radio Science</i> , 2004 , 39, n/a-n/a	1.4	4
48	Wave mode and path characteristics in a four-layered anisotropic forest environment. <i>IEEE Transactions on Antennas and Propagation</i> , 2004 , 52, 2445-2455	4.9	20
47	Estimation of three-dimensional motion parameters in interferometric ISAR imaging. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2004 , 42, 292-300	8.1	109
46	Three-dimensional SAR imaging of a ground moving target using the InSAR technique. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2004 , 42, 1818-1828	8.1	46

45	A fast analysis of electromagnetic scattering by arbitrarily shaped homogeneous dielectric objects. <i>Microwave and Optical Technology Letters</i> , 2003 , 38, 30-35	1.2	18
44	Dual-polarized slot-coupled planar antenna with wide bandwidth. <i>IEEE Transactions on Antennas and Propagation</i> , 2003 , 51, 441-448	4.9	88
43	A novel technique for the processing of short-dwell spotlight SAR data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2003 , 41, 953-963	8.1	4
42	ISAR imaging in strong ground clutter using a new stepped-frequency signal format. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2003 , 41, 948-952	8.1	18
41	A fast analysis of scattering and radiation of large microstrip antenna arrays. <i>IEEE Transactions on Antennas and Propagation</i> , 2003 , 51, 2218-2226	4.9	42
40	Wide-band microstrip antenna with an H-shaped coupling aperture. <i>IEEE Transactions on Vehicular Technology</i> , 2002 , 51, 17-27	6.8	27
39	Small dual-frequency microstrip antennas. <i>IEEE Transactions on Vehicular Technology</i> , 2002 , 51, 28-36	6.8	9
38	The near-zone field characteristics of an E-polarization plane wave penetrating through cylindrical multiple apertures (non) coated with lossy and lossless media. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2002 , 44, 329-337	2	8
37	Fast analysis of scattering by arbitrarily shaped three-dimensional objects using the precorrected-FFT method. <i>Microwave and Optical Technology Letters</i> , 2002 , 34, 438-442	1.2	25
36	Radio Wave Propagation along Earth-Space Paths in the Presence of a Multilayered Anisotropic Forest. <i>Electromagnetics</i> , 2002 , 22, 235-260	0.8	2
35	Electromagnetic radiation from a prolate spheroidal antenna enclosed in a confocal spheroidal radome. <i>IEEE Transactions on Antennas and Propagation</i> , 2002 , 50, 1525-1533	4.9	12
34	Application of DCIM to MPIE-MoM analysis of 3D PEC objects in multilayered media. <i>IEEE Transactions on Antennas and Propagation</i> , 2002 , 50, 157-162	4.9	29
33	A novel lacunarity estimation method applied to SAR image segmentation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2002 , 40, 2687-2691	8.1	31
32	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
31	QZ Factorization for generalized eigenvalues applied to waveguide analysis. <i>Microwave and Optical Technology Letters</i> , 2001 , 28, 361-364	1.2	2
30	Electromagnetic dyadic Green's functions for multilayered spheroidal structures. I: formulation. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2001 , 49, 532-541	4.1	7
29	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	4.1	8
28	Cutoff wavenumbers in truncated waveguides. <i>IEEE Microwave and Wireless Components Letters</i> , 2001 , 11, 214-216	2.6	7

27	Correct characterization of guided electromagnetic waves in chirowaveguides of arbitrary cross sections. <i>Radio Science</i> , 2001 , 36, 525-531	1.4	
26	Cylindrical vector wave function representation of Green's dyadics for uniaxial bianisotropic media. <i>Radio Science</i> , 2001 , 36, 517-523	1.4	1
25	A new subaperture approach to high squint SAR processing. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 2001 , 39, 954-968	8.1	35
24	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	4.1	15
23	Symbolic derivation and numeric computation of dyadic Green's functions using Mathematica. <i>IEEE Antennas and Propagation Magazine</i> , 2001 , 43, 108-118	1.7	1
22	Spheroidal vector wave eigenfunction expansion of dyadic Green's functions for a dielectric spheroid. <i>IEEE Transactions on Antennas and Propagation</i> , 2001 , 49, 645-659	4.9	17
21	The interaction of a Gaussian beam wave with an array of slit-coupled cylindrical-impedance screens. <i>Microwave and Optical Technology Letters</i> , 2000 , 27, 248-252	1.2	
20	Multiple penetration of a TE/sub z/-polarized plane wave into multilayered cylindrical cavity-backed apertures. <i>IEEE Transactions on Electromagnetic Compatibility</i> , 2000 , 42, 330-338	2	10
19	Analysis of hollow conducting waveguides using superquadric functions-A unified representation. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2000 , 48, 876-880	4.1	9
18	An efficient calculational approach to evaluation of microwave specific attenuation. <i>IEEE Transactions on Antennas and Propagation</i> , 2000 , 48, 1220-1229	4.9	6
17	Weighted least-squares estimation of phase errors for SAR/ISAR autofocus. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 1999 , 37, 2487-2494	8.1	163
16	Rectangular modes and dyadic Green's functions in a rectangular chirowaveguide. I. Theory. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1999 , 47, 67-73	4.1	9
15	Rectangular modes and dyadic Green's functions in a rectangular chirowaveguide. II. Results. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1999 , 47, 74-81	4.1	3
14	A method for designing broad-band microstrip antennas in multilayered planar structures. <i>IEEE Transactions on Antennas and Propagation</i> , 1999 , 47, 1416-1420	4.9	59
13	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 1999 , 37, 1967-1979	8.1	20
12	Time-varying step-transform algorithm for high squint SAR imaging. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 1999 , 37, 2668-2677	8.1	24
11	Cutoff frequencies of an asymmetrically loaded cylindrical waveguide. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1998 , 46, 1331-1334	4.1	1
10	Noniterative quality phase-gradient autofocus (QPGA) algorithm for spotlight SAR imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , 1998 , 36, 1531-1539	8.1	77

9	Radiation of an aperture antenna covered by a spherical-shell chiral radome and fed by a circular waveguide. <i>IEEE Transactions on Antennas and Propagation</i> , 1998 , 46, 664-671	4.9	12
8	An efficient TCS formula for rainfall microwave attenuation: T-matrix approach and 3-D fitting for oblate spheroidal raindrops. <i>IEEE Transactions on Antennas and Propagation</i> , 1998 , 46, 1176-1181	4.9	4
7	Radio wave propagation along mixed paths through a four-layered model of rain forest: an analytic approach. <i>IEEE Transactions on Antennas and Propagation</i> , 1998 , 46, 1098-1111	4.9	40
6	Exact solutions of electromagnetic fields in both near and far zones radiated by thin circular-loop antennas: a general representation. <i>IEEE Transactions on Antennas and Propagation</i> , 1997 , 45, 1741-1748	4.9	44
5	Input impedance of a probe-excited semi-infinite rectangular waveguide with arbitrary multilayered loads: part II-a full-wave analysis. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1997 , 45, 321-329	4.1	4
4	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 1995 , 43, 1559-1566	4.1	17
3	. <i>IEEE Transactions on Antennas and Propagation</i> , 1995 , 43, 811-822	4.9	19
2	. <i>IEEE Transactions on Antennas and Propagation</i> , 1995 , 43, 232-238	4.9	26
1	Convergence acceleration for calculating radiated fields by a vertical electric dipole in the presence of a large sphere		3