

# Tat Soon Yeo

## List of Publications by Citations

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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	Weighted least-squares estimation of phase errors for SAR/ISAR autofocus. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>1999</b> , 37, 2487-2494	8.1	163
151	Imaging of a Moving Target With Rotating Parts Based on the Hough Transform. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2008</b> , 46, 291-299	8.1	159
150	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2018</b> , 56, 2196-2210	8.1	127
149	A broadband and high-gain metamaterial microstrip antenna. <i>Applied Physics Letters</i> , <b>2010</b> , 96, 164101	3.4	125
148	Estimation of three-dimensional motion parameters in interferometric ISAR imaging. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2004</b> , 42, 292-300	8.1	109
147	Dual-polarized slot-coupled planar antenna with wide bandwidth. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2003</b> , 51, 441-448	4.9	88
146	Noniterative quality phase-gradient autofocus (QPGA) algorithm for spotlight SAR imagery. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>1998</b> , 36, 1531-1539	8.1	77
145	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> , <b>2015</b> , 63, 419-423	4.9	75
144	Scattering by rotationally symmetric anisotropic spheres: potential formulation and parametric studies. <i>Physical Review E</i> , <b>2007</b> , 75, 026609	2.4	66
143	Three-Dimensional ISAR Imaging Based on Antenna Array. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2008</b> , 46, 504-515	8.1	64
142	A method for designing broad-band microstrip antennas in multilayered planar structures. <i>IEEE Transactions on Antennas and Propagation</i> , <b>1999</b> , 47, 1416-1420	4.9	59
141	Fabrication of a High-Efficiency Waveguide Antenna Array via Direct Metal Laser Sintering. <i>IEEE Antennas and Wireless Propagation Letters</i> , <b>2016</b> , 15, 622-625	3.8	53
140	A fast volume-surface integral equation solver for scattering from composite conducting-dielectric objects. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2005</b> , 53, 818-824	4.9	53
139	Backward waves in magnetoelectrically chiral media: Propagation, impedance, and negative refraction. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	49
138	Three-dimensional SAR imaging of a ground moving target using the InSAR technique. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2004</b> , 42, 1818-1828	8.1	46
137	Precorrected-FFT solution of the volume Integral equation for 3-D inhomogeneous dielectric objects. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2005</b> , 53, 313-320	4.9	45
136	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> , <b>1997</b> , 45, 1741-1748	4.9	44

135	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> , <b>2014</b> , 23, 2168-837	8.7	43
134	Three-Dimensional Imaging of Targets Using Colocated MIMO Radar. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2011</b> , 49, 3009-3021	8.1	43
133	A fast analysis of scattering and radiation of large microstrip antenna arrays. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2003</b> , 51, 2218-2226	4.9	42
132	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> , <b>1998</b> , 46, 1098-1111	4.9	40
131	Routes to left-handed materials by magnetoelectric couplings. <i>Physical Review B</i> , <b>2007</b> , 75,	3.3	38
130	STGRFT for Detection of Maneuvering Weak Target With Multiple Motion Models. <i>IEEE Transactions on Signal Processing</i> , <b>2019</b> , 67, 1902-1917	4.8	37
129	Bistatic ISAR Imaging Incorporating Interferometric 3-D Imaging Technique. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2012</b> , 50, 3859-3867	8.1	36
128	A new subaperture approach to high squint SAR processing. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2001</b> , 39, 954-968	8.1	35
127	High-Resolution Bistatic ISAR Imaging Based on Two-Dimensional Compressed Sensing. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2015</b> , 63, 2098-2111	4.9	33
126	Micro-Doppler feature extraction for wideband imaging radar based on complex image orthogonal matching pursuit decomposition. <i>IET Radar, Sonar and Navigation</i> , <b>2013</b> , 7, 914-924	1.4	32
125	Motion Parameter Estimation in the SAR System With Low PRF Sampling. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2010</b> , 7, 450-454	4.1	31
124	A novel lacunarity estimation method applied to SAR image segmentation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2002</b> , 40, 2687-2691	8.1	31
123	Interference Cancellation for High-Frequency Surface Wave Radar. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2008</b> , 46, 1879-1891	8.1	30
122	. <i>IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing</i> , <b>2015</b> , 8, 3520-3531	4.7	29
121	Wideband Bandpass Filters With SAW-Filter-Like Selectivity Using Chip SAW Resonators. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2014</b> , 62, 28-36	4.1	29
120	Application of DCIM to MPIE-MoM analysis of 3D PEC objects in multilayered media. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2002</b> , 50, 157-162	4.9	29
119	Wide-band microstrip antenna with an H-shaped coupling aperture. <i>IEEE Transactions on Vehicular Technology</i> , <b>2002</b> , 51, 17-27	6.8	27
118	Computational Efficient Refocusing and Estimation Method for Radar Moving Target With Unknown Time Information. <i>IEEE Transactions on Computational Imaging</i> , <b>2020</b> , 6, 544-557	4.5	26

117	Sparse array 3-D ISAR imaging based on maximum likelihood estimation and CLEAN technique. <i>IEEE Transactions on Image Processing</i> , <b>2010</b> , 19, 2127-42	8.7	26
116	. <i>IEEE Transactions on Antennas and Propagation</i> , <b>1995</b> , 43, 232-238	4.9	26
115	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> , <b>2006</b> , 54, 961-969	4.9	25
114	Fast analysis of scattering by arbitrarily shaped three-dimensional objects using the precorrected-FFT method. <i>Microwave and Optical Technology Letters</i> , <b>2002</b> , 34, 438-442	1.2	25
113	Transient interference excision in over-the-horizon radar using adaptive time-frequency analysis. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2005</b> , 43, 722-735	8.1	25
112	Three-Dimensional Imaging Using Colocated MIMO Radar and ISAR Technique. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2012</b> , 50, 3189-3201	8.1	24
111	Analysis of probe-fed conformal microstrip antennas on finite grounded substrate. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2006</b> , 54, 554-563	4.9	24
110	Time-varying step-transform algorithm for high squint SAR imaging. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>1999</b> , 37, 2668-2677	8.1	24
109	INTERFEROMETRIC ISAR IMAGING ON SQUINT MODEL. <i>Progress in Electromagnetics Research Letters</i> , <b>2008</b> , 2, 125-133	0.5	23
108	FAST ANALYSIS OF ELECTROMAGNETIC TRANSMISSION THROUGH ARBITRARILY SHAPED AIRBORNE RADOMES USING PRECORRECTED-FFT METHOD. <i>Progress in Electromagnetics Research</i> , <b>2005</b> , 54, 37-59	3.8	23
107	Wideband Dual-Polarized and Dual-Monopulse Compact Array for SAR System Integration Applications. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2016</b> , 13, 1203-1207	4.1	22
106	Unambiguous Reconstruction and High-Resolution Imaging for Multiple-Channel SAR and Airborne Experiment Results. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2009</b> , 6, 102-106	4.1	22
105	Waveguide-Stripline Series-Corporate Hybrid Feed Technique for Dual-Polarized Antenna Array Applications. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , <b>2017</b> , 7, 81-87	1.7	20
104	Wave mode and path characteristics in a four-layered anisotropic forest environment. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2004</b> , 52, 2445-2455	4.9	20
103	. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>1999</b> , 37, 1967-1979	8.1	20
102	Three-Dimensional ISAR Imaging Using a Two-Dimensional Sparse Antenna Array. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2008</b> , 5, 378-382	4.1	19
101	. <i>IEEE Transactions on Antennas and Propagation</i> , <b>1995</b> , 43, 811-822	4.9	19
100	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , <b>2016</b> , 52, 1168-1182	3.7	18

99	Receiver Design for MIMO Radar Range Sidelobes Suppression. <i>IEEE Transactions on Signal Processing</i> , <b>2010</b> , 58, 5469-5474	4.8	18
98	A fast analysis of electromagnetic scattering by arbitrarily shaped homogeneous dielectric objects. <i>Microwave and Optical Technology Letters</i> , <b>2003</b> , 38, 30-35	1.2	18
97	ISAR imaging in strong ground clutter using a new stepped-frequency signal format. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2003</b> , 41, 948-952	8.1	18
96	Generalized Omega-K Algorithm for Geosynchronous SAR Image Formation. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2015</b> , 12, 2286-2290	4.1	17
95	Spheroidal vector wave eigenfunction expansion of dyadic Green's functions for a dielectric spheroid. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2001</b> , 49, 645-659	4.9	17
94	. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>1995</b> , 43, 1559-1566	4.1	17
93	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> , <b>2019</b> , 57, 7995-8010	8.1	16
92	Three-dimensional visible-light capsule enclosing perfect supersized darkness via antiresolution. <i>Laser and Photonics Reviews</i> , <b>2014</b> , 8, 743-749	8.3	15
91	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> , <b>2001</b> , 49, 1136-1139	4.1	15
90	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> , <b>2005</b> , 53, 1469-1476	4.1	14
89	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> , <b>2004</b> , 52, 466-477	4.9	14
88	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , <b>2015</b> , 51, 3399-3414	3.7	13
87	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> , <b>2018</b> , 11, 4835-4847	4.7	13
86	. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2007</b> , 55, 2723-2732	4.9	12
85	Electromagnetic radiation from a prolate spheroidal antenna enclosed in a confocal spheroidal radome. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2002</b> , 50, 1525-1533	4.9	12
84	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> , <b>1998</b> , 46, 664-671	4.9	12
83	Design of a symmetric rectangular waveguide T-junction with in-phase and unequal power split characteristics <b>2013</b> ,		11
82	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , <b>2016</b> , 52, 2504-2518	3.7	11

81	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> , <b>2015</b> , 8, 4942-4951	4.7	10
80	Focusing of Tandem Bistatic-Configuration Data With Range Migration Algorithm. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2011</b> , 8, 88-92	4.1	10
79	Multiple penetration of a TE/sub z/-polarized plane wave into multilayered cylindrical cavity-backed apertures. <i>IEEE Transactions on Electromagnetic Compatibility</i> , <b>2000</b> , 42, 330-338	2	10
78	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> , <b>2021</b> , 59, 1302-1318	8.1	10
77	Multiview Synthetic Aperture Radar Automatic Target Recognition Optimization: Modeling and Implementation. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2018</b> , 56, 6425-6439	8.1	10
76	Stacked phased array coils for increasing the signal-to-noise ratio in magnetic resonance imaging. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , <b>2013</b> , 7, 24-30	5.1	9
75	Small dual-frequency microstrip antennas. <i>IEEE Transactions on Vehicular Technology</i> , <b>2002</b> , 51, 28-36	6.8	9
74	Analysis of hollow conducting waveguides using superquadric functions-A unified representation. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2000</b> , 48, 876-880	4.1	9
73	Rectangular modes and dyadic Green's functions in a rectangular chirowaveguide. I. Theory. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>1999</b> , 47, 67-73	4.1	9
72	A Wideband Bandpass Filter With Frequency Selectivity Controlled by SAW Resonators. <i>IEEE Transactions on Components, Packaging and Manufacturing Technology</i> , <b>2016</b> , 6, 897-905	1.7	9
71	Eigenfunctional representation of dyadic Green's functions in multilayered gyrotropic chiral media. <i>Journal of Physics A: Mathematical and Theoretical</i> , <b>2007</b> , 40, 5751-5766	2	8
70	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> , <b>2002</b> , 44, 329-337	2	8
69	Circular cylindrical waveguide filled with uniaxial anisotropic media electromagnetic fields and dyadic Green's functions. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2001</b> , 49, 1361-1364	4.1	8
68	Defocusing and distortion elimination for shipborne bistatic ISAR. <i>Remote Sensing Letters</i> , <b>2016</b> , 7, 523-533		8
67	Imaging for Small UAV-Borne FMCW SAR. <i>Sensors</i> , <b>2018</b> , 19,	3.8	8
66	Focusing of geosynchronous SAR with nonlinear chirp scaling algorithm. <i>Electronics Letters</i> , <b>2015</b> , 51, 1195-1197	1.1	7
65	Two types of waveguide comparator for wideband monopulse antenna array application <b>2015</b> ,		7
64	Electromagnetic dyadic Green's functions for multilayered spheroidal structures. I: formulation. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>2001</b> , 49, 532-541	4.1	7

63	Cutoff wavenumbers in truncated waveguides. <i>IEEE Microwave and Wireless Components Letters</i> , <b>2001</b> , 11, 214-216	2.6	7
62	Central DOA Estimation of Incoherently Distributed Noncircular Sources with Cross-Correlation Matrix. <i>Circuits, Systems, and Signal Processing</i> , <b>2015</b> , 34, 3697-3707	2.2	6
61	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> , <b>2013</b> , 17, 756-627.2	7.2	6
60	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> , <b>2012</b> , 16, 1150-6		6
59	An efficient calculational approach to evaluation of microwave specific attenuation. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2000</b> , 48, 1220-1229	4.9	6
58	Fast median filtering algorithm based on FPGA <b>2010</b> ,		5
57	Multi-Frame Integration Method for Radar Detection of Weak Moving Target. <i>IEEE Transactions on Vehicular Technology</i> , <b>2021</b> , 70, 3609-3624	6.8	5
56	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , <b>2021</b> , 57, 1317-1333	3.7	5
55	An Efficient Method for Single-Channel SAR Target Reconstruction Under Severe Deceptive Jamming. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2020</b> , 17, 237-241	4.1	5
54	Physically symmetric wideband waveguide T-junction with equal-phase and unequal-power division. <i>Microwave and Optical Technology Letters</i> , <b>2015</b> , 57, 1216-1219	1.2	4
53	Wideband bandpass filters with high passband selectivity using SAW-like resonators <b>2013</b> ,		4
52	Application of X-ray scanning to diagnose internal details of waveguide antenna fabricated by 3-D metal-direct-printing technique <b>2015</b> ,		4
51	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> , <b>1997</b> , 45, 321-329	4.1	4
50	Efficient analysis of electromagnetic scattering and radiation from patches on finite, arbitrarily curved, grounded substrates. <i>Radio Science</i> , <b>2004</b> , 39, n/a-n/a	1.4	4
49	A novel technique for the processing of short-dwell spotlight SAR data. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2003</b> , 41, 953-963	8.1	4
48	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> , <b>1998</b> , 46, 1176-1181	4.9	4
47	Co-Located MIMO Radar Target Detection in Cluttered and Noisy Environment Based on 2D Block Sparse Recovery. <i>IEEE Transactions on Signal Processing</i> , <b>2021</b> , 69, 3431-3445	4.8	4
46	Multiple input multiple output radar imaging based on multidimensional linear equations and sparse signal recovery. <i>IET Radar, Sonar and Navigation</i> , <b>2018</b> , 12, 3-10	1.4	3

45	An Over-Complete Dictionary Design Based on GSR for SAR Image Despeckling. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2017</b> , 14, 2230-2234	4.1	3
44	<b>2015</b> ,		3
43	Design of a wideband and low-profile monopulse array fabricated by 3-d metal printing technique <b>2015</b> ,		3
42	A phased coil array for efficient wireless power transmission <b>2012</b> ,		3
41	Accurate Analysis of Meanderline Polarizers With Finite Thicknesses Using Mode Matching. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2008</b> , 56, 3580-3585	4.9	3
40	Convergence acceleration for calculating radiated fields by a vertical electric dipole in the presence of a large sphere		3
39	Rectangular modes and dyadic Green's functions in a rectangular chirowaveguide. II. Results. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>1999</b> , 47, 74-81	4.1	3
38	High-efficiency waveguide antenna with 3-D metal-direct-printing technique <b>2015</b> ,		2
37	Micromotion feature extraction of radar target using tracking pulses with adaptive pulse repetition frequency adjustment. <i>Journal of Applied Remote Sensing</i> , <b>2014</b> , 8, 083569	1.4	2
36	Micro-motion feature extraction of target in inverse synthetic aperture radar imaging with sparse aperture. <i>Journal of Electromagnetic Waves and Applications</i> , <b>2013</b> , 27, 1841-1849	1.3	2
35	Zero Correlation Zone Codes and Extended Zero Correlation Zone Codes for MIMO radar signal separation <b>2010</b> ,		2
34	Increase the signal-to-noise ratio of magnetic resonance imaging by a vertical coil array <b>2012</b> ,		2
33	ASED-AIM ANALYSIS OF SCATTERING BY LARGE-SCALE FINITE PERIODIC ARRAYS. <i>Progress in Electromagnetics Research B</i> , <b>2009</b> , 18, 381-399	0.7	2
32	Lightning Interference Cancellation in High-Frequency Surface Wave Radar <b>2006</b> ,		2
31	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> , <b>2001</b> , 14, 237-256	1	2
30	QZ Factorization for generalized eigenvalues applied to waveguide analysis. <i>Microwave and Optical Technology Letters</i> , <b>2001</b> , 28, 361-364	1.2	2
29	Radio Wave Propagation along Earth-Space Paths in the Presence of a Multilayered Anisotropic Forest. <i>Electromagnetics</i> , <b>2002</b> , 22, 235-260	0.8	2
28	Sparsity-Inducing Super-Resolution Passive Radar Imaging with Illuminators of Opportunity. <i>Remote Sensing</i> , <b>2016</b> , 8, 929	5	2



27	Curvilinear Video-SAR Persistent Imaging with Distortion Correction Based on Nufft-3 <b>2019</b> ,		2
26	Compressive Sensing SAR Imaging Algorithm for LFM CW Systems. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 59, 8486-8500	8.1	2
25	Novel sparse apertures ISAR imaging algorithm via the TLS-ESPRIT technique. <i>IET Radar, Sonar and Navigation</i> , <b>2020</b> , 14, 852-859	1.4	1
24	On compensation of Migration Through Resolution Cells in ISAR imaging <b>2015</b> ,		1
23	A Ka-band lumped element dual-behavior resonator (DBR) filter in standard 0.13- $\mu$ m CMOS technology <b>2013</b> ,		1
22	Implementation of parallel GMRES(m) FFT method for solving large scale electromagnetic problems. <i>Microwave and Optical Technology Letters</i> , <b>2009</b> , 51, 2084-2087	1.2	1
21	Cutoff frequencies of an asymmetrically loaded cylindrical waveguide. <i>IEEE Transactions on Microwave Theory and Techniques</i> , <b>1998</b> , 46, 1331-1334	4.1	1
20	An accurate and robust approach for evaluating VIE impedance matrix elements using SWG basis functions <b>2008</b> ,		1
19	Computational study of significant semi-infinite integrals in electromagnetic and atomic interactions <b>2006</b> ,		1
18	. <i>IEEE Transactions on Antennas and Propagation</i> , <b>2007</b> , 55, 240-244	4.9	1
17	Cylindrical vector wave function representation of Green's dyadics for uniaxial bianisotropic media. <i>Radio Science</i> , <b>2001</b> , 36, 517-523	1.4	1
16	Symbolic derivation and numeric computation of dyadic Green's functions using Mathematica. <i>IEEE Antennas and Propagation Magazine</i> , <b>2001</b> , 43, 108-118	1.7	1
15	Robust GMTI Scheme for Highly Squinted Hypersonic Vehicle-Borne Multichannel SAR in Dive Mode. <i>Remote Sensing</i> , <b>2021</b> , 13, 4431	5	1
14	Three-dimensional interferometric imaging and micromotion feature extraction of spinning space debris in low-resolution radar. <i>Journal of Applied Remote Sensing</i> , <b>2018</b> , 12, 1	1.4	1
13	MIMO waveform design combined with constellation mapping for the integrated system of radar and communication. <i>Signal Processing</i> , <b>2020</b> , 170, 107443	4.4	1
12	Matrix Ill-Condition Analysis in Spectrum Recovery of DPCA HRWS SAR Imaging. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2019</b> , 16, 55-59	4.1	1
11	High-Resolution Wide-Swath SIMO and MIMO SAR Imaging Using Short-Term Shift Orthogonal Code. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2020</b> , 17, 92-96	4.1	1
10	Accurate SAR Image Recovery From RFI Contaminated Raw Data by Using Image Domain Mixed Regularizations. <i>IEEE Transactions on Geoscience and Remote Sensing</i> , <b>2021</b> , 1-13	8.1	1

9	Precision Downward-Looking 3D Synthetic Aperture Radar Imaging with Sparse Linear Array and Platform Motion Parameters Estimation. <i>Remote Sensing</i> , <b>2018</b> , 10, 1957	5	1
8	Adaptive Resource Allocation Scheme for Micromotion Feature Extraction Based on Track-Before-Detect. <i>Journal of Sensors</i> , <b>2018</b> , 2018, 1-13	2	1
7	MIMO Waveform Design for Dual Functions of Radar and Communication with Space-Time Coding. <i>IEEE Journal on Selected Areas in Communications</i> , <b>2022</b> , 1-1	14.2	1
6	Bi-static high resolution imaging for ship targets with sparse apertures and its application in InISAR. <i>Remote Sensing Letters</i> , <b>2020</b> , 11, 545-554	2.3	0
5	A Novel Algorithm for Hypersonic SAR Imaging With Large Squint Angle and Dive Trajectory. <i>IEEE Geoscience and Remote Sensing Letters</i> , <b>2021</b> , 1-5	4.1	0
4	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , <b>2021</b> , 1-1	3.7	0
3	Geosynchronous synthetic aperture radar data focusing based on extended keystone transform. <i>Journal of Applied Remote Sensing</i> , <b>2015</b> , 9, 095042	1.4	
2	The interaction of a Gaussian beam wave with an array of slit-coupled cylindrical-impedance screens. <i>Microwave and Optical Technology Letters</i> , <b>2000</b> , 27, 248-252	1.2	
1	Correct characterization of guided electromagnetic waves in chirowaveguides of arbitrary cross sections. <i>Radio Science</i> , <b>2001</b> , 36, 525-531	1.4	