Kamal Sarabandi

List of Publications by Year in Descending Order

185 papers	2,293 citations	24 h-index	41 g-index
253 ext. papers	3,018 ext. citations	4.1 avg, IF	5.56 L-index

#	Paper	IF	Citations
185	RFI Mitigation in Time Domain Wideband Autocorrelation Radiometry (WiBAR) Using a Comb Filter. *IEEE Geoscience and Remote Sensing Letters*, **2022**, 1-1	4.1	0
184	A Compact Vertically-Polarized Fully-Metallic Quasi-Yagi Antenna with High Endfire Gain. *IEEE Transactions on Antennas and Propagation*, **2022**, 1-1	4.9	
183	A Multiphysics Modeling of Electromagnetic Signaling Phenomena at kHz-GHz Frequencies in Bacterial Biofilms. *IEEE Access*, **2022**, 1-1	3.5	2
182	A Low-Profile Dual-Band Dual-Polarized Quasi-Endfire Phased Array for mmWave 5G Smartphones. *IEEE Access*, **2022**, 1-1	3.5	2
181	Experimental Evidence of Radio Frequency Radiation From Staphylococcus aureus Biofilms. *IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology*, **2022**, 1-9	2.8	1
180	A Method for Signal Leakage Cancellation in Multi-static Subsurface SAR Imaging System. *IEEE Geoscience and Remote Sensing Letters*, **2022**, 1-1	4.1	
179	Analysis of Hemispherical Dielectric Resonator Antenna with an Imperfect Concentric Conductor. *IEEE Transactions on Antennas and Propagation*, **2021**, 1-1	4.9	0
178	Detection and Localization of Buried Pipelines Using a 3-D Multistatic Imaging Radar. *IEEE Transactions on Geoscience and Remote Sensing*, **2021**, 1-1	8.1	2
177	Calibration of Wideband FMCW Polarimetric Radars Operating at Millimeter-wave Frequencies. *IEEE Transactions on Geoscience and Remote Sensing*, **2021**, 1-1	8.1	1
176	A Survey of Small, Low-Frequency Antennas: Recent Designs, Practical Challenges, and Research Directions.. *IEEE Antennas and Propagation Magazine*, **2021**, 2-14	1.7	0
175	Characteristics of Space-Wave, Leaky-Wave and Creeping-Waves in a Uniaxial Dielectric Rod. *IEEE Transactions on Antennas and Propagation*, **2021**, 1-1	4.9	
174	Calibration of a Wideband Autocorrelation Radiometer (WiBAR) Enhanced with a Comb Filter in Time Domain Mode **2021**,		1
173	Full-Wave Calculation of Complex Propagation Constant for a Medium of Conducting Wires. *IEEE Transactions on Antennas and Propagation*, **2021**, 69, 3451-3458	4.9	
172	. *IEEE Transactions on Antennas and Propagation*, **2021**, 69, 3726-3739	4.9	5
171	A Miniature Actively Matched Antenna for Power-Efficient and Bandwidth-Enhanced Operation at Low VHF. *IEEE Transactions on Antennas and Propagation*, **2021**, 69, 556-561	4.9	2
170	A Fast Full-Wave Simulation Method for Characterization of Deeply Buried Targets in Bistatic SAR Imaging. *IEEE Geoscience and Remote Sensing Letters*, **2021**, 18, 1386-1390	4.1	1
169	. *IEEE Transactions on Geoscience and Remote Sensing*, **2021**, 59, 5579-5597	8.1	0

168	. *IEEE Transactions on Geoscience and Remote Sensing*, **2021**, 59, 6336-6345	8.1	
167	. *IEEE Transactions on Geoscience and Remote Sensing*, **2021**, 59, 4635-4653	8.1	2
166	Four-dimensional relativistic scattering of electromagnetic waves from an arbitrary collection of moving lossy dielectric spheres. *IET Microwaves, Antennas and Propagation*, **2021**, 15, 180-191	1.6	0
165	. *IEEE Transactions on Instrumentation and Measurement*, **2021**, 70, 1-11	5.2	2
164	Directivity enhancement and characteristics of space-wave, leaky-wave and creeping-waves for an impedance cylinder coated with dielectric. *IET Microwaves, Antennas and Propagation*, **2021**, 15, 192-205	1.6	1
163	Passive and Active Multiple Scattering of Forests Using Radiative Transfer Theory With an Iterative Approach and Cyclical Corrections. *IEEE Transactions on Geoscience and Remote Sensing*, **2021**, 1-16	8.1	
162	. *IEEE Access*, **2021**, 9, 96478-96486	3.5	1
161	Ultra-Wideband, Compact, and High-Gain Two-Port Antenna System for Full-Duplex Applications. *IEEE Transactions on Antennas and Propagation*, **2021**, 1-1	4.9	2
160	Sub-Millimeter-Wave Polarization-Independent Spatial Power Divider for a Two-Port Dual-Polarized Antenna. *IEEE Transactions on Terahertz Science and Technology*, **2021**, 11, 508-518	3.4	1
159	Machine Learning-Based Target Classification for MMW Radar in Autonomous Driving. *IEEE Transactions on Intelligent Vehicles*, **2021**, 1-1	5	8
158	. *IEEE Access*, **2020**, 8, 67075-67084	3.5	3
157	Wideband Near-Zone Radiative System for Exploring the Existence of Electromagnetic Emission From Biological Samples. *IEEE Transactions on Instrumentation and Measurement*, **2020**, 1-1	5.2	2
156	. *IEEE Transactions on Antennas and Propagation*, **2020**, 68, 5218-5227	4.9	2
155	Retrieval of Snow or Ice Pack Thickness Variation Within a Footprint of Correlation Radiometers. *IEEE Geoscience and Remote Sensing Letters*, **2020**, 17, 1218-1222	4.1	1
154	Fully Polarimetric E-Band Instrumentation Radar in Support of Autonomous Vehicle Research **2020**,		1
153	RFI Mitigation Using a New Comb Filter for Wideband Autocorrelation Radiometry **2020**,		1
152	A Novel Frequency Tunable RF Comb Filter. *IEEE Microwave and Wireless Components Letters*, **2020**, 30, 1133-1136	2.6	3
151	. *IEEE Transactions on Antennas and Propagation*, **2020**, 68, 3366-3376	4.9	17

150	. *IEEE Transactions on Geoscience and Remote Sensing*, **2020**, 58, 1475-1486	8.1	5
149	An Improved Fuzzy Region Competition-Based Framework for the Multiphase Segmentation of SAR Images. *IEEE Transactions on Geoscience and Remote Sensing*, **2020**, 58, 2457-2470	8.1	5
148	Electromagnetic Signaling and Quorum Sensing within Biofilms: Which Mechanism Is the Most Probable Means of Communication?. *Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference*, **2020**, 2020, 2459-2462	0.9	3
147	A Method for Detection of Flat Walls in Through-the-Wall SAR Imaging. *IEEE Geoscience and Remote Sensing Letters*, **2020**, 1-5	4.1	3
146	Low-Profile, Low-Frequency, UWB Antenna for Imaging of Deeply Buried Targets. *IEEE Geoscience and Remote Sensing Letters*, **2020**, 17, 1168-1172	4.1	10
145	Wideband Autocorrelation Radiometry for Lake Icepack Thickness Measurement With Dry Snow Cover. *IEEE Geoscience and Remote Sensing Letters*, **2019**, 16, 1526-1530	4.1	3
144	Series-Fed Dual-Polarized Single-Layer Linear Patch Array With High Polarization Purity. *IEEE Antennas and Wireless Propagation Letters*, **2019**, 18, 1746-1750	3.8	11
143	Permittivity Characterization of Automotive Paint Material at W-Band Frequencies **2019**,		1
142	A Machine Learning Based 77 GHz Radar Target Classification for Autonomous Vehicles **2019**,		3
141	. *IEEE Access*, **2019**, 7, 128263-128272	3.5	2
140	Loop antenna over a conducting cone with a spherical cap. *IET Microwaves, Antennas and Propagation*, **2019**, 13, 2559-2568	1.6	1
139	A Method for Detection of Walls and Large Flat Surfaces in Through-the-Wall SAR Imaging **2019**,		1
138	A Frequency Multiplier and Phase Modulation Approach for Mechanical Antennas Operating at Super Low Frequency (SLF) Band **2019**,		5
137	Theory of Electromagnetic-Based Communication within Bacterial Communities **2019**,		4
136	High Resolution Subsurface 3D SAR Imaging Using Robotic Bi-Static Transceivers **2019**,		2
135	. *IEEE Transactions on Intelligent Transportation Systems*, **2019**, 20, 3337-3350	6.1	4
134	. *IEEE Transactions on Geoscience and Remote Sensing*, **2019**, 57, 2618-2627	8.1	12
133	. *IEEE Access*, **2018**, 6, 9951-9959	3.5	6

132	Fragmented Antenna Realization Using Coupled Small Radiating Elements. *IEEE Transactions on Antennas and Propagation*, **2018**, 66, 1725-1735	4.9	6
131	. *IEEE Transactions on Geoscience and Remote Sensing*, **2018**, 56, 1637-1651	8.1	12
130	. *IEEE Transactions on Antennas and Propagation*, **2018**, 66, 3108-3121	4.9	4
129	. *IEEE Transactions on Geoscience and Remote Sensing*, **2018**, 56, 1269-1277	8.1	7
128	A Tunable, High-Gain, Very Low-Profile Composite Monopole Antenna for Low-Frequency Applications. *IEEE Transactions on Antennas and Propagation*, **2018**, 66, 3286-3294	4.9	8
127	Loop Excitation of a Conical Horn. *IEEE Transactions on Antennas and Propagation*, **2018**, 66, 2727-2740	4.9	
126	. *IEEE Transactions on Terahertz Science and Technology*, **2018**, 8, 666-680	3.4	6
125	. *IEEE Transactions on Terahertz Science and Technology*, **2018**, 8, 654-665	3.4	24
124	High Resolution Subsurface Imaging of Buried Targets Using Distributed Robotic Sensors **2018**,		1
123	Radar Backscatter Measurements of Road Surfaces at 77 GHz **2018**,		3
122	Mechanical Antennas: Emerging Solution for Very-Low Frequency (VLF) Communication **2018**,		5
121	**2018**,		3
120	A Phenomenological Study of Radar Backscatter Response of Vehicles for the Next Generation Automotive Radars **2018**,		1
119	A W-Shaped Antenna With Spatial Polarization Variation for Direction Finding. *IEEE Antennas and Wireless Propagation Letters*, **2018**, 17, 2429-2433	3.8	5
118	Excitation of Space Wave, Leaky Wave, and Creeping Waves in Cylindrical Media. *IEEE Transactions on Antennas and Propagation*, **2018**, 66, 7100-7110	4.9	4
117	. *IEEE Microwave and Wireless Components Letters*, **2017**, 27, 275-277	2.6	14
116	. *IEEE Transactions on Geoscience and Remote Sensing*, **2017**, 55, 2674-2681	8.1	3
115	. *IEEE Transactions on Instrumentation and Measurement*, **2017**, 66, 802-811	5.2	17

114	. *IEEE Transactions on Antennas and Propagation*, **2017**, 65, 3456-3464	4.9	15
113	. *IEEE Transactions on Antennas and Propagation*, **2017**, 65, 3942-3949	4.9	13
112	. *IEEE Transactions on Antennas and Propagation*, **2017**, 65, 3877-3888	4.9	13
111	. *IEEE Transactions on Antennas and Propagation*, **2017**, 65, 489-497	4.9	10
110	Near-grazing radar backscattering measurements of road surfaces at 222 GHz **2017**,		1
109	A Non-Foster matched dipole for a low-vhf mobile transmitter system **2017**,		3
108	. *IEEE Access*, **2017**, 5, 24120-24127	3.5	11
107	. *IEEE Transactions on Antennas and Propagation*, **2017**, 65, 114-120	4.9	11
106	Electromagnetic scattering full-wave solver for snowpacks **2017**,		1
105	An overview of low profile miniaturized antennas for low frequency applications **2017**,		1
104	Fully polarimetrie FMCW instrumentation radar at 228 GHz **2017**,		2
103	. *IEEE Transactions on Geoscience and Remote Sensing*, **2016**, 54, 6415-6428	8.1	22
102	A LS-SVM-based classifier with Fruit Fly Optimization Algorithm for polarimetric SAR images **2016**,		3
101	A horizontally polarized beam-steerable antenna for sub-millimeter-wave polarimetrie imaging and collision avoidance radars **2016**,		3
100	Broadband omni-directional circularly polarized antenna based on vertically and horizontally polarized elements **2016**,		2
99	Antenna bandwidth enhancement using near-field coupled miniaturized elements **2016**,		1
98	Remote sensing using coherent multipath interference of wideband planck radiation **2016**,		3
97	Dry snowpack and freshwater icepack remote sensing using wideband Autocorrelation radiometry **2016**,		3

96	Electromagnetic scattering from a 3D random volume using SSWaP-SD method for radar remote sensing of snow **2016**,		2
95	A New Year for Success President Ts Message. *IEEE Geoscience and Remote Sensing Magazine*, **2016**, 4, 4-4	8.9	
94	. *IEEE Transactions on Wireless Communications*, **2016**, 15, 3103-3113	9.6	6
93	A Compact Broadband Horizontally Polarized Omnidirectional Antenna Using Planar Folded Dipole Elements. *IEEE Transactions on Antennas and Propagation*, **2016**, 64, 414-422	4.9	41
92	. *IEEE Transactions on Geoscience and Remote Sensing*, **2016**, 54, 1013-1024	8.1	12
91	Electrically Small Folded Dipole Antenna for HF and Low-VHF Bands. *IEEE Antennas and Wireless Propagation Letters*, **2016**, 15, 718-721	3.8	23
90	Field of a short dipole above a dielectric half-space with rough interface. *IET Microwaves, Antennas and Propagation*, **2015**, 9, 31-40	1.6	
89	. *IEEE Transactions on Terahertz Science and Technology*, **2015**, 5, 445-455	3.4	7
88	Miniaturized Omnidirectional Horizontally Polarized Antenna. *IEEE Transactions on Antennas and Propagation*, **2015**, 63, 4280-4285	4.9	18
87	. *IEEE Transactions on Geoscience and Remote Sensing*, **2015**, 53, 5972-5982	8.1	35
86	A novel method for chip integration and packaging for millimeter-wave to terahertz band applications **2015**,		1
85	Performance assessment of lower VHF band for short-range communication and geolocation applications. *Radio Science*, **2015**, 50, 443-452	1.4	20
84	. *IEEE Transactions on Antennas and Propagation*, **2015**, 63, 2719-2727	4.9	27
83	Dual Polarized Wideband Directional Coupled Sectorial Loop Antennas for Radar and Mobile Base-Station Applications. *IEEE Transactions on Antennas and Propagation*, **2015**, 63, 1505-1513	4.9	28
82	Polarimetric Study of MMW Imaging Radars for Indoor Navigation and Mapping. *IEEE Transactions on Antennas and Propagation*, **2014**, 62, 500-504	4.9	37
81	. *IEEE Antennas and Propagation Magazine*, **2014**, 56, 76-88	1.7	8
80	Reflectarray antenna based on grounded loop-wire miniaturised-element frequency selective surfaces. *IET Microwaves, Antennas and Propagation*, **2014**, 8, 973-979	1.6	14
79	. *IEEE Transactions on Terahertz Science and Technology*, **2014**, 4, 338-346	3.4	9

78	Low Profile Vertically Polarized Omnidirectional Wideband Antenna With Capacitively Coupled Parasitic Elements. *IEEE Transactions on Antennas and Propagation*, **2014**, 62, 977-982	4.9	25
77	. *IEEE Transactions on Terahertz Science and Technology*, **2014**, 4, 515-522	3.4	9
76	A sub-millimeterwave micromachined frequency beam-steering antenna array **2014**,		3
75	A Simultaneous Dual-Channel Micro-Radio-Repeater for Ad-Hoc Wireless Communication. *IEEE Transactions on Antennas and Propagation*, **2014**, 62, 3378-3383	4.9	5
74	Microfabricaion and measurement of a sub-millimeterwave beam-scanning antenna array at Y-band **2014**,		4
73	. *IEEE Antennas and Propagation Magazine*, **2014**, 56, 29-40	1.7	6
72	Reactive Impedance Surface TM Mode Slow Wave for Patch Antenna Miniaturization [AMTA Corner]. *IEEE Antennas and Propagation Magazine*, **2014**, 56, 279-293	1.7	17
71	A novel frequency beam-steering antenna array at Y-band **2014**,		3
70	High-Resolution Subsurface Imaging of Deeply Submerged Targets Based on Distributed Near-Ground Sensors. *IEEE Transactions on Geoscience and Remote Sensing*, **2014**, 52, 1089-1098	8.1	7
69	. *IEEE Transactions on Antennas and Propagation*, **2013**, 61, 2991-2999	4.9	32
68	Design optimization of bowtie nanoantenna for high-efficiency thermophotovoltaics. *Journal of Applied Physics*, **2013**, 114, 214303	2.5	8
67	. *IEEE Transactions on Antennas and Propagation*, **2013**, 61, 1055-1062	4.9	13
66	A Topology-Based Miniaturization of Circularly Polarized Patch Antennas. *IEEE Transactions on Antennas and Propagation*, **2013**, 61, 1422-1426	4.9	21
65	Dielectric characterization of thin materials at 240 GHz **2013**,		3
64	Conformal, structurally integrated antenna with a thin-film solar cell array for flapping-wing robots **2013**,		1
63	. *IEEE Transactions on Antennas and Propagation*, **2012**, 60, 3913-3920	4.9	9
62	Equivalent Circuit Model for Metamaterial-Based Electromagnetic Band-Gap Isolator. *IEEE Antennas and Wireless Propagation Letters*, **2012**, 11, 1366-1369	3.8	7
61	. *Journal of Microelectromechanical Systems*, **2012**, 21, 990-1001	2.5	3

60	. *IEEE Transactions on Geoscience and Remote Sensing*, **2012**, 50, 2866-2879	8.1	25
59	. *IEEE Transactions on Microwave Theory and Techniques*, **2012**, 60, 1595-1604	4.1	6
58	. *IEEE Transactions on Antennas and Propagation*, **2012**, 60, 1206-1213	4.9	42
57	. *IEEE Transactions on Terahertz Science and Technology*, **2012**, 2, 315-322	3.4	18
56	. *IEEE Transactions on Terahertz Science and Technology*, **2012**, 2, 333-339	3.4	40
55	A moderate gain extremely short HF monopole antenna **2012**,		2
54	UWB High-Isolation Directive Coupled-Sectorial-Loops Antenna Pair. *IEEE Antennas and Wireless Propagation Letters*, **2011**, 10, 215-218	3.8	4
53	Dual-Polarized Coupled Sectorial Loop Antennas for UWB Applications. *IEEE Antennas and Wireless Propagation Letters*, **2011**, 10, 75-78	3.8	21
52	Closed-Loop Feed Architectures for RCS Beam Broadening of Retro-Reflective Arrays. *IEEE Transactions on Antennas and Propagation*, **2011**, 59, 4350-4354	4.9	2
51	Compact FMCW design for short range millimeter-wave radar imaging applications **2011**,		5
50	A low-profile omnidirectional planar antenna with vertical polarization employing two in-phase elements **2011**,		3
49	RF-over-fiber for wideband large scale microwave measurements **2011**,		1
48	Simulation and measurement of near-ground wave propagation for indoor scenarios **2010**,		3
47	Miniaturized FSS and Patch Antenna Array Coupling for Angle-Independent, High-Order Spatial Filtering. *IEEE Microwave and Wireless Components Letters*, **2010**, 20, 79-81	2.6	24
46	. *IEEE Transactions on Aerospace and Electronic Systems*, **2010**, 46, 1589-1608	3.7	0
45	Design and Analysis of a Tunable Miniaturized-Element Frequency-Selective Surface Without Bias Network. *IEEE Transactions on Antennas and Propagation*, **2010**, 58, 1214-1219	4.9	51
44	. *IEEE Transactions on Geoscience and Remote Sensing*, **2010**, 48, 3550-3559	8.1	13
43	An efficient model for near-ground wave propagation in the presence of building walls/indoor obstacles. *Digest / IEEE Antennas and Propagation Society International Symposium*, **2009**,		4

42	Compact high-isolation directive UWB transmit/receive antenna pair for radar applications **2009**,		1
41	A metamaterial frequency-selective superstrate for phased-array applications **2009**,		1
40	Optimally designed membrane-supported grounded CPW structure for submillimeter-wave applications **2009**,		5
39	A Tunable Metamaterial Frequency-Selective Surface With Variable Modes of Operation. *IEEE Transactions on Microwave Theory and Techniques*, **2009**, 57, 1433-1438	4.1	68
38	. *IEEE Transactions on Geoscience and Remote Sensing*, **2009**, 47, 1267-1268	8.1	67
37	Optimum Polarizations for Discrimination of a Foliage-Camouflaged Target, Using Genetic Algorithms. *IEEE Geoscience and Remote Sensing Letters*, **2009**, 6, 82-86	4.1	7
36	Directive Coupled Sectorial Loops Antenna for Ultrawideband Applications. *IEEE Antennas and Wireless Propagation Letters*, **2009**, 8, 576-579	3.8	8
35	. *IEEE Transactions on Antennas and Propagation*, **2009**, 57, 72-80	4.9	43
34	Suppression of the mutual coupling between two adjacent miniaturized antennas utilizing printed resonant circuits. *Digest / IEEE Antennas and Propagation Society International Symposium*, **2009**,		1
33	Tuning Performance of Metamaterial-Based Frequency Selective Surfaces. *IEEE Transactions on Antennas and Propagation*, **2009**, 57, 590-592	4.9	50
32	Synthesizing microwave resonator filters. *IEEE Microwave Magazine*, **2009**, 10, 57-65	1.2	7
31	Simulation of Near-Ground Long-Distance Radiowave Propagation Over Terrain Using Nystrm Method With Phase Extraction Technique and FMM-Acceleration. *IEEE Transactions on Antennas and Propagation*, **2009**, 57, 3882-3890	4.9	8
30	Topography of sand covered bedrock using two-frequency airborne interferometric SAR measurements **2009**,		4
29	. *IEEE Transactions on Microwave Theory and Techniques*, **2008**, 56, 187-193	4.1	50
28	A 2-Bit Ka-Band RF MEMS Frequency Tunable Slot Antenna. *IEEE Antennas and Wireless Propagation Letters*, **2008**, 7, 179-182	3.8	24
27	A 2.45-GHz Electrically Small Slot Antenna. *IEEE Antennas and Wireless Propagation Letters*, **2008**, 7, 346-348	3.8	15
26	Miniaturized multi-element monopole antenna **2008**,		1
25	. *IEEE Transactions on Antennas and Propagation*, **2008**, 56, 1533-1540	4.9	29

24	Multipole Spatial Filters Using Metamaterial-Based Miniaturized-Element Frequency-Selective Surfaces. *IEEE Transactions on Microwave Theory and Techniques*, **2008**, 56, 2742-2747	4.1	67
23	An Approximate Solution of Scattering From Reinforced Concrete Walls. *IEEE Transactions on Antennas and Propagation*, **2008**, 56, 2681-2690	4.9	10
22	. *Journal of Microelectromechanical Systems*, **2008**, 17, 747-754	2.5	1
21	. *IEEE Antennas and Propagation Magazine*, **2008**, 50, 13-25	1.7	14
20	NASA Cold Land Processes Experiment (CLPX 2002/03): Local Scale Observation Site. *Journal of Hydrometeorology*, **2008**, 9, 1434-1442	3.7	9
19	Analytical, numerical, and experimental methods for through-the-wall radar imaging. *Proceedings of the IEEE International Conference on Acoustics, Speech, and Signal Processing*, **2008**,	1.6	10
18	. *IEEE Antennas and Propagation Magazine*, **2007**, 49, 124-134	1.7	3
17	Design of FMCW millimeter-wave radar for helicopter assisted landing **2007**,		2
16	Refocusing through building walls using synthetic aperture radar **2007**,		4
15	. *IEEE Transactions on Microwave Theory and Techniques*, **2007**, 55, 1163-1170	4.1	97
14	A tunable, band-pass, miniaturized-element frequency selective surface: Design and measurement **2007**,		7
13	Refocusing through single layer building wall using synthetic aperture radar **2007**,		1
12	. *IEEE Transactions on Antennas and Propagation*, **2007**, 55, 958-968	4.9	25
11	Study of millimeter-wave radar for helicopter assisted landing system **2007**,		13
10	. *IEEE Transactions on Aerospace and Electronic Systems*, **2007**, 43, 251-261	3.7	4
9	A 94 GHz OFDM Frequency Scanning Radar for Autonomous Landing Guidance. *IEEE National Radar Conference - Proceedings*, **2007**,		6
8	A Miniaturized Conductor-Backed Slot-Line Resonator Filter With Two Transmission Zeros. *IEEE Microwave and Wireless Components Letters*, **2006**, 16, 660-662	2.6	5
7	Electromagnetic scattering from vibrating penetrable objects using a general class of time-varying sheet boundary conditions. *IEEE Transactions on Antennas and Propagation*, **2006**, 54, 2054-2061	4.9	7

6	Radio wave propagation in the presence of a coastline. *Radio Science*, **2003**, 38, n/a-n/a	1.4	6
5	Alleviating the Adverse Effects of Residual Stress in RF MEMS Switches **2001**,		8
4	. *IEEE Transactions on Antennas and Propagation*, **1995**, 43, 1048-1057	4.9	5
3	Microwave propagation constant for a vegetation canopy at X band. *Radio Science*, **1993**, 28, 549-558	1.4	4
2	Michigan microwave canopy scattering model. *International Journal of Remote Sensing*, **1990**, 11, 1223-1253	3.1	455
1	Simulation of a periodic dielectric corrugation with an equivalent anisotropic layer. *Journal of Infrared, Millimeter and Terahertz Waves*, **1990**, 11, 1303-1321		12