

# Yee Hui Lee

## List of Publications by Year in descending order

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195  
papers

2,323  
citations

331670

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195  
docs citations

195  
times ranked

1543  
citing authors

#	ARTICLE	IF	CITATIONS
1	The Orientation Estimation of Elongated Underground Objects via Multipolarization Aggregation and Selection Neural Network. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	11
2	Rainfall Forecasting Using GPS-Derived Atmospheric Gradient and Residual for Tropical Region. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-10.	6.3	7
3	Estimating Parameters of the Tree Root in Heterogeneous Soil Environments via Mask-Guided Multi-Polarimetric Integration Neural Network. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-16.	6.3	4
4	Evaluating the Reliability of Air Temperature From ERA5 Reanalysis Data. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	13
5	Air quality in the New Delhi metropolis under COVID-19 lockdown. , 2022, 4, 200035.		4
6	Tree Roots Reconstruction Framework for Accurate Positioning in Heterogeneous Soil. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2022, 15, 1912-1925.	4.9	5
7	DMRF-UNet: A Two-Stage Deep Learning Scheme for GPR Data Inversion Under Heterogeneous Soil Conditions. IEEE Transactions on Antennas and Propagation, 2022, 70, 6313-6328.	5.1	14
8	Accurate Tree Roots Positioning and Sizing Over Undulated Ground Surfaces by Common Offset GPR Measurements. IEEE Transactions on Instrumentation and Measurement, 2022, 71, 1-11.	4.7	4
9	A Deep Learning-Based GPR Forward Solver for Predicting B-Scans of Subsurface Objects. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	3
10	Programmable morphing, electroactive porous shape memory polymer composites with battery-voltage Joule heating stimulated recovery. APL Materials, 2022, 10, 071109.	5.1	2
11	Two-Slope Path Loss Model for Curved-Tunnel Environment With Concept of Break Point. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 7850-7859.	8.0	10
12	Dual-Cross-Polarized GPR Measurement Method for Detection and Orientation Estimation of Shallowly Buried Elongated Object. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-12.	4.7	9
13	Compact Dual-Polarized Vivaldi Antenna with High Gain and High Polarization Purity for GPR Applications. Sensors, 2021, 21, 503.	3.8	17
14	Chemically Room Temperature Crosslinked Polyvinyl Alcohol (PVA) with Anomalous Microwave Absorption Characteristics. Macromolecular Rapid Communications, 2021, 42, e2000763.	3.9	9
15	Analysis of the Seasonal Variation of Horizontal Delay Gradient for the Tropical Island Singapore. , 2021, , .		0
16	Impact of Covid19-Induced Lockdown on Air Quality in Ireland. , 2021, , .		6
17	Estimating Ground-level Nitrogen Dioxide Concentration from Satellite Data. , 2021, , .		1
18	Efficient Forecasting of Precipitation Using LSTM. , 2021, , .		6

#	ARTICLE	IF	CITATIONS
19	Predicting Ground-based PM <sub>2.5</sub> Concentration in Queensland, Australia. , 2021, , .		3
20	Improving Training Efficiency of LSTMs While Forecasting Precipitable Water Vapours. , 2021, , .		1
21	Organizing Decentralized Energy Data Using Semantic Approach. , 2021, , .		1
22	Dual-Band Base Station Antenna Array with Suppressed Cross-Band Mutual Scattering. , 2021, , .		1
23	Monitoring Atmospheric Pollutants From Ground-based Observations. , 2021, , .		5
24	An Interoperable Open Data Portal for Climate Analysis. , 2021, , .		4
25	Investigation on the Relation between Zenith Total Delay and Atmospheric Particulate Matter (PM <sub>2.5</sub> ). , 2021, , .		1
26	Analyzing the Impact of Meteorological Parameters on Rainfall Prediction. , 2021, , .		5
27	Detecting Blurred Ground-based Sky/Cloud Images. , 2021, , .		3
28	Elongated Object Orientation Estimation Based on Deep Neural Networks. , 2021, , .		0
29	Suppression of Cross-Band Scattering in Interleaved Dual-Band Cellular Base-Station Antenna Arrays. IEEE Access, 2020, 8, 222486-222495.	4.2	35
30	A Deep Learning-Based Methodology for Rapidly Detecting the Defects inside Tree Trunks via GPR. , 2020, , .		4
31	Investigating the Impact of Spatial Location of RSU in Trilateration Network. , 2020, , .		1
32	Forecasting Precipitable Water Vapor Using LSTMs. , 2020, , .		11
33	Analysis of GPS Gradient Parameters for Rainfall Prediction. , 2020, , .		1
34	Spectrum Survey in 2.4 GHz ISM Band for a MRT Station Located in Singapore. , 2020, , .		2
35	Importance of Hydrostatic Delay Models in Deriving PWV from GPS Signal Delays. , 2020, , .		0
36	A Data-Driven Approach for Accurate Rainfall Prediction. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 9323-9331.	6.3	87

#	ARTICLE	IF	CITATIONS
37	High-Resolution ITU-R Cloud Attenuation Model for Satellite Communications in Tropical Region. IEEE Transactions on Antennas and Propagation, 2019, 67, 6115-6122.	5.1	15
38	Estimating solar irradiance using sky imagers. Atmospheric Measurement Techniques, 2019, 12, 5417-5429.	3.1	22
39	GPS Slant Path Residuals for Rainfall Detection. , 2019, , .		3
40	CloudSegNet: A Deep Network for Nychthemeron Cloud Image Segmentation. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1814-1818.	3.1	56
41	Predicting GPS-based PWV Measurements Using Exponential Smoothing. , 2019, , .		8
42	A V2X Communication System Test on Sea. , 2019, , .		1
43	GPS-PWV based Improved Long-Term Rainfall Prediction Algorithm for Tropical Regions. Remote Sensing, 2019, 11, 2643.	4.0	21
44	A Chaotic Approach on Solar Irradiance Forecasting. , 2019, , .		7
45	Seasonal Water Vapor Pressure Models for Cloud Detection. , 2019, , .		0
46	Subjective Quality Assessment of Ground-based Camera Images. , 2019, , .		0
47	Multi-label Cloud Segmentation Using a Deep Network. , 2019, , .		13
48	Characterization of S-Band Dual-Polarized Radar Data for the Convective Rain Melting Layer Detection in A Tropical Region. Remote Sensing, 2018, 10, 1740.	4.0	5
49	A Data-Driven Approach to Detect Precipitation from Meteorological Sensor Data. , 2018, , .		11
50	Analyzing Solar Irradiance Variation From GPS and Cameras. , 2018, , .		1
51	Accuracy Assessment of MODIS Derived Precipitable Water Vapor. , 2018, , .		0
52	Radio-wave Propagation in Tunnel Structures at ISM Band: A Preliminary Study. , 2018, , .		2
53	Investigation of Melting Layer for Convective Rain in Tropical Region. , 2018, , .		0
54	On the Importance of PWV in Detecting Precipitation. , 2018, , .		4

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55	A Potential Low Cost Remote Sensing Using GPS Derived PWV. , 2018, , .		0
56	Systematic Study of Weather Variables for Rainfall Detection. , 2018, , .		23
57	High-dynamic-range imaging for cloud segmentation. Atmospheric Measurement Techniques, 2018, 11, 2041-2049.	3.1	12
58	GPS-Derived PWV for Rainfall Nowcasting in Tropical Region. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 4835-4844.	6.3	63
59	Color-Based Segmentation of Sky/Cloud Images From Ground-Based Cameras. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2017, 10, 231-242.	4.9	96
60	Ferrite Coating Design for Near-Ground HF Bowtie Antenna. IEEE Transactions on Antennas and Propagation, 2017, 65, 2074-2078.	5.1	6
61	Statistical Study of Cloud Attenuation on Ka-Band Satellite Signal in Tropical Region. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2018-2021.	4.0	10
62	Rough-Set-Based Color Channel Selection. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 52-56.	3.1	23
63	Bitstream-Oriented Protection for the H.264/Scalable Video Coding (SVC). Wireless Personal Communications, 2017, 97, 5115-5135.	2.7	5
64	A Simplified Model for the Retrieval of Precipitable Water Vapor From GPS Signal. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 6245-6253.	6.3	34
65	Investigation of gaseous attenuation on a Ka-band propagation link in tropical region. , 2017, , .		0
66	Cloud radiative effect study using sky camera. , 2017, , .		4
67	Stereoscopic cloud base reconstruction using high-resolution whole sky imagers. , 2017, , .		7
68	A constant conversion factor for retrieval of PWV from GPS signals in tropical region. , 2017, , .		0
69	Nighttime sky/cloud image segmentation. , 2017, , .		18
70	Analyzing cloud optical properties using sky cameras. , 2017, , .		2
71	Study of clear sky models for Singapore. , 2017, , .		8
72	Correlating satellite cloud cover with sky cameras. , 2017, , .		5

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73	GPS derived PWV for monitoring cloud evolution. , 2017, , .		3
74	DESIGN OF A COMPACT PATCH ANTENNA LOADING PERIODIC JERUSALEM CROSSES. Progress in Electromagnetics Research M, 2016, 47, 151-159.	0.9	2
75	Peak envelope power measurements for mobile communications: A preliminary study. , 2016, , .		0
76	Water Vapor Pressure Model for Cloud Vertical Structure Detection in Tropical Region. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 5875-5883.	6.3	12
77	Model comparison for estimating cloud liquid water content and attenuation in tropical region. , 2016, , .		0
78	Weather radar to detect cloud occurrence level. , 2016, , .		2
79	Detecting rainfall onset using Sky Images. , 2016, , .		8
80	Geo-referencing and stereo calibration of ground-based Whole Sky Imagers using the sun trajectory. , 2016, , .		10
81	Short-term prediction of localized cloud motion using ground-based sky imagers. , 2016, , .		14
82	Use of weather radar rain cell motion forecasting for site diversity system. , 2016, , .		3
83	Outage-Constrained Sensing Threshold Design for Decentralized Decision-Making in Cognitive Radio Networks. IEEE Transactions on Communications, 2016, 64, 4956-4965.	7.8	2
84	Weather Radar to detect and differentiate clouds from rain events. , 2016, , .		4
85	Correlation between cloud optical thickness and solar radiation. , 2016, , .		1
86	GPS derived PWV for rainfall monitoring. , 2016, , .		22
87	Estimation of solar irradiance using ground-based whole sky imagers. , 2016, , .		18
88	Investigation of cloud attenuation on Ka-band satellite beacon signal in tropical region. , 2016, , .		3
89	Ground-based image analysis: A tutorial on machine-learning techniques and applications. IEEE Geoscience and Remote Sensing Magazine, 2016, 4, 79-93.	9.6	57
90	Mean weighted temperature for PWV estimation. , 2015, , .		3

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91	Categorization of cloud image patches using an improved texton-based approach. , 2015, , .		37
92	Site diversity gain at the equator: radar-derived results modeling in Singapore. International Journal of Satellite Communications and Networking, 2015, 33, 107-118.	1.8	10
93	QoS provisioning by power control for video communication via satellite links. International Journal of Satellite Communications and Networking, 2015, 33, 259-275.	1.8	8
94	Key Considerations in the Modeling of Tropical Maritime Microwave Attenuations. International Journal of Antennas and Propagation, 2015, 2015, 1-7.	1.2	11
95	Impact of cloud effective temperature on cloud attenuation in tropical region. , 2015, , .		1
96	A waveguide-fed grid E-band array antenna. , 2015, , .		0
97	Detection of cloud vertical structure using water vapor pressure in tropical region. , 2015, , .		1
98	Cloud base height estimation using high-resolution whole sky imagers. , 2015, , .		12
99	Design of low-cost, compact and weather-proof whole sky imagers for high-dynamic-range captures. , 2015, , .		30
100	Analysis of monopole antenna excited by a current probe. , 2015, , .		0
101	Multi-level semantic labeling of Sky/cloud images. , 2015, , .		20
102	Design of a microstrip antenna using square Sierpinski fractal EBG structure. , 2015, , .		3
103	A Spectrum Trading Scheme for Licensed User Incentives. IEEE Transactions on Communications, 2015, 63, 4026-4036.	7.8	14
104	Radar measured rain attenuation with proposed $Z \propto R$ relationship at a tropical location. AEU - International Journal of Electronics and Communications, 2015, 69, 458-461.	2.9	9
105	WAHRISIS: A low-cost high-resolution whole sky imager with near-infrared capabilities. Proceedings of SPIE, 2014, , .	0.8	23
106	Systematic study of color spaces and components for the segmentation of sky/cloud images. , 2014, , .		32
107	Comparison of cloud models for propagation studies in Ka-band satellite applications. , 2014, , .		11
108	Optimization of ferrite coating for near-ground HF bowtie antenna. , 2014, , .		2

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109	Study of outdoor-to-indoor channel in urban area. , 2014, , .		0
110	Rain Attenuation Prediction Model for Satellite Communications in Tropical Regions. IEEE Transactions on Antennas and Propagation, 2014, 62, 5775-5781.	5.1	43
111	Cloud attenuation on Ka-band satellite link in the tropical region: Preliminary results and analysis. , 2014, , .		4
112	Comparison of radio-sounding profiles for cloud attenuation analysis in the tropical region. , 2014, , .		17
113	Optimal Energy Transfer Pipe Arrangement for Acoustic Drill String Telemetry. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 6999-7007.	6.3	16
114	Comparison of precipitable water vapor derived from GPS and radiosonde data for Singapore. , 2014, , .		1
115	Protecting Satellite Systems from Disassociation DoS Attacks. Wireless Personal Communications, 2013, 69, 623-638.	2.7	1
116	UHF Propagation Along a Cargo Hold on Board a Merchant Ship. IEEE Transactions on Wireless Communications, 2013, 12, 22-30.	9.2	15
117	Design of a compact patch antenna using UC-EBG structure. , 2013, , .		1
118	Impact of sapling movements on VHF and UHF radio-wave propagations. , 2013, , .		0
119	Patch antenna enhancement using a mushroom-like EBG structures. , 2013, , .		9
120	Propagation over the outdoor-to-indoor channel in military UHF band. , 2013, , .		0
121	Optimization of acoustic communication for industrial drilling. , 2013, , .		6
122	Wideband channel modeling within a shopping mall in UHF band. , 2013, , .		1
123	STAND-OFF DISTANCES FOR NON-LINE-OF-SIGHT MARITIME MOBILE APPLICATIONS IN 5 GHZ BAND. Progress in Electromagnetics Research B, 2013, 54, 321-336.	1.0	6
124	Further investigation of empirical path-loss modeling for short forested paths. , 2012, , .		2
125	Experiment results of a two-by-two diverse antenna system over sea surface in NLOS scenario. , 2012, , .		2
126	Evaluation of laboratory equipments as channel sounding system for mobile radio propagation. , 2012, , .		0



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127	Study of path loss for ground based communication in military UHF band. , 2012, , .		2
128	Comparison of S-Band Radar Attenuation Prediction With Beacon Measurements. IEEE Transactions on Antennas and Propagation, 2012, 60, 4892-4900.	5.1	10
129	Multi-band gap-coupled microstrip patch antenna. , 2012, , .		0
130	Out-of-band gain prediction of blade antennas for EMC purpose. , 2012, , .		3
131	COMPARISON OF PROPAGATION ALONG A LIFT SHAFT IN TWO COMPLEX ENVIRONMENTS. Progress in Electromagnetics Research B, 2012, 36, 337-355.	1.0	1
132	Study of shadowing effect by aircraft maneuvering for air-to-ground communication. AEU - International Journal of Electronics and Communications, 2012, 66, 7-11.	2.9	19
133	Using the spectral scaling exponent for validation of quantitative precipitation forecasts. Meteorology and Atmospheric Physics, 2012, 115, 35-45.	2.0	4
134	Performance of Site Diversity Investigated Through RADAR Derived Results. IEEE Transactions on Antennas and Propagation, 2011, 59, 3890-3898.	5.1	45
135	Effects of Rain Attenuation on Satellite Video Transmission. , 2011, , .		11
136	Performance of a Relay System for Two Extreme Ends of a Vessel at 2.4 GHz. IEEE Antennas and Wireless Propagation Letters, 2011, 10, 686-689.	4.0	0
137	A ROBUST CAD TOOL FOR INTEGRATED DESIGN OF UWB ANTENNA SYSTEM. Progress in Electromagnetics Research, 2011, 112, 441-457.	4.4	16
138	TROPICAL RAIN CLASSIFICATION AND ESTIMATION OF RAIN FROM Z-R (REFLECTIVITY-RAIN RATE) RELATIONSHIPS. Progress in Electromagnetics Research B, 2011, 32, 107-127.	1.0	34
139	Measurements and Characterizations of Air-to-Ground Channel Over Sea Surface at C-Band With Low Airborne Altitudes. IEEE Transactions on Vehicular Technology, 2011, 60, 1943-1948.	6.3	78
140	Two-Parameter Gamma Drop Size Distribution Models for Singapore. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 3371-3380.	6.3	31
141	Frequency dependency of propagation along a lift shaft on board a merchant ship. , 2011, , .		0
142	Study of guiding effect along the cargo hull of a ship by measurements and simulations. , 2011, , .		1
143	Susceptibility of an Electromagnetic BandGap Filter. IEEE Transactions on Electromagnetic Compatibility, 2010, 52, 599-603.	2.2	6
144	Fast and accurate calculation of transmission coefficients for an EBG microstrip structure. Microwave and Optical Technology Letters, 2010, 52, 793-797.	1.4	0

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145	SHAPE SLOPE PARAMETER DISTRIBUTION MODELLING OF ELECTROMAGNETIC SCATTERING BY RAIN DROPS. Progress in Electromagnetics Research B, 2010, 25, 191-209.	1.0	5
146	PATH LOSS MODELING FOR NEAR-GROUND VHF RADIO-WAVE PROPAGATION THROUGH FORESTS WITH TREE-CANOPY REFLECTION EFFECT. Progress in Electromagnetics Research M, 2010, 12, 131-141.	0.9	34
147	INVESTIGATIONS OF FOLIAGE EFFECT ON MODERN WIRELESS COMMUNICATION SYSTEMS: A REVIEW. Progress in Electromagnetics Research, 2010, 105, 313-332.	4.4	92
148	AN AUTOMATIC MODEL ORDER REDUCTION OF A UWB ANTENNA SYSTEM. Progress in Electromagnetics Research, 2010, 104, 267-282.	4.4	4
149	Protecting satellite networks from disassociation DoS attacks. , 2010, , .		1
150	Propagation Modes and Temporal Variations Along a Lift Shaft in UHF Band. IEEE Transactions on Antennas and Propagation, 2010, 58, 2700-2709.	5.1	15
151	Truncated Gamma Drop Size Distribution Models for Rain Attenuation in Singapore. IEEE Transactions on Antennas and Propagation, 2010, 58, 1325-1335.	5.1	43
152	Statistical Modeling of Signal Variation for Propagation Along a Lift Shaft. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 752-755.	4.0	14
153	Multipath characterization and fade mitigation of air-to-ground propagation channel over tropical sea surface at C band. , 2010, , .		2
154	Wideband channel characterization along a lift shaft on board a ship. , 2010, , .		5
155	STUDY OF PROPAGATION LOSS PREDICTION IN FOREST ENVIRONMENT. Progress in Electromagnetics Research B, 2009, 17, 117-133.	1.0	69
156	FURTHER STUDY OF RAINFALL EFFECT ON VHF FORESTED RADIO-WAVE PROPAGATION WITH FOUR-LAYERED MODEL. Progress in Electromagnetics Research, 2009, 99, 149-161.	4.4	21
157	ELECTROMAGNETIC SUSCEPTIBILITY OF AN ELECTROMAGNETIC BAND-GAP FILTER STRUCTURE. Progress in Electromagnetics Research B, 2009, 15, 31-56.	1.0	1
158	Waveguide propagation effect along the cargo hull on board a ship. Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , .	0.0	3
159	Conversion model of one-minute rainfall rate distribution in Singapore. , 2009, , .		3
160	Statistical modeling of rainfall effect on a foliage propagation path. Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , .	0.0	0
161	Study of propagation along a lift shaft in UHF band by channel measurements and 3-D simulation. , 2009, , .		3
162	An analytical method to study the effects of a substrate in surface-enhanced Raman scattering. Journal of Applied Physics, 2009, 106, .	2.5	4

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163	A Compact E-Shaped Patterned Ground Structure and Its Applications to Tunable Bandstop Resonator. IEEE Transactions on Microwave Theory and Techniques, 2009, 57, 657-666.	4.6	58
164	The Effects of Tropical Weather on Radio-Wave Propagation Over Foliage Channel. IEEE Transactions on Vehicular Technology, 2009, 58, 4023-4030.	6.3	38
165	Empirical Near Ground Path Loss Modeling in a Forest at VHF and UHF Bands. IEEE Transactions on Antennas and Propagation, 2009, 57, 1461-1468.	5.1	123
166	Study of the diversity reception in a forested environment. IEEE Transactions on Wireless Communications, 2009, 8, 2302-2305.	9.2	3
167	Practical wideband channel sounding system for air-to-ground measurements at C Band. , 2009, , .		7
168	Investigation of Low Altitude Air-to-Ground Channel over a Tropical Sea Surface at C Band. Progress in Electromagnetics Research Symposium: [proceedings] Progress in Electromagnetics Research Symposium, 2009, 5, 385-388.	0.4	4
169	Compact stepped-impedance lowpass filter with a slot-back microstrip line. Microwave and Optical Technology Letters, 2008, 50, 1058-1061.	1.4	7
170	Characterization of Wi-Fi antenna system on a remote controlled helicopter. , 2008, , .		1
171	Investigation of Rainfall Effect on Forested Radio Wave Propagation. IEEE Antennas and Wireless Propagation Letters, 2008, 7, 159-162.	4.0	21
172	Wideband channel modelling in UHF band for urban area. , 2008, , .		0
173	A new optimization approach for high performance meander EBG filter designs. , 2007, , .		0
174	Wind and rain influences on forested radiowave propagation. , 2007, , .		6
175	Wideband Channel Characterization in a Tropical Forested Area. , 2007, , .		0
176	Further Investigation into the Electromagnetic Susceptibility of an EBG Microstrip Filter. , 2007, , .		0
177	A Distinction between a step impedance lowpass filter and an EBG Microstrip Structure. , 2007, , .		0
178	The role of particular rain drop size on rain attenuation at 11 GHz. , 2007, , .		8
179	Design and implementation of a UWB peer-to-peer communication network. , 2007, , .		1
180	A Modified Model-Based Interpolation Method to Accelerate the Characterization of UWB Antenna System. IEEE Transactions on Antennas and Propagation, 2007, 55, 475-479.	5.1	3

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181	Measurement and characterization of a forested channel with SIMO system. , 2007, , .		2
182	Measurement and Characterization of a Tropical Foliage Channel in VHF and UHF Bands. , 2006, , .		4
183	Electromagnetic compatibility of a dual-planar electromagnetic band-gap microstrip filter structure. , 2006, , .		6
184	Optimization of design and fabrication for micromachined true time delay (TTD) phase shifters. Sensors and Actuators A: Physical, 2005, 119, 446-454.	4.1	12
185	Tapered dual-plane compact electromagnetic bandgap microstrip filter structures. IEEE Transactions on Microwave Theory and Techniques, 2005, 53, 2656-2664.	4.6	73
186	Compact U-shaped dual planar EBG microstrip low-pass filter. IEEE Transactions on Microwave Theory and Techniques, 2005, 53, 3799-3805.	4.6	37
187	A tapered small-size EBG microstrip bandstop filter design with triple EBG structures. Microwave and Optical Technology Letters, 2005, 46, 154-158.	1.4	17
188	A small-size dual-plane EBG microstrip lowpass filter with a U-shaped microstrip line geometry. , 2005, , .		1
189	A NOVEL EVOLUTIONARY LEARNING TECHNIQUE FOR MULTI-OBJECTIVE ARRAY ANTENNA OPTIMIZATION. Progress in Electromagnetics Research, 2004, 48, 125-144.	4.4	12
190	NEAR FIELD AND SURFACE FIELD ANALYSIS OF THIN WIRE ANTENNA IN THE PRESENCE OF CONDUCTING CUBE. Progress in Electromagnetics Research, 2004, 45, 313-333.	4.4	1
191	Accelerating Numerical Electromagnetic Code computation by using the wavelet transform. IEEE Transactions on Magnetics, 1998, 34, 3399-3402.	2.1	6
192	Automated cell planning based on propagation loss. , 0, , .		1
193	Evolutionary cell planner. , 0, , .		0
194	Performance evaluation of back-projection and range migration algorithms in foliage penetration radar imaging. , 0, , .		4
195	Ultra wideband TEM horn design using multi-objective evolutionary algorithm. , 0, , .		0