# Yee Hui Lee

## List of Publications by Year
## in descending order

| | | | |
|---|---|---|---|
| 195 papers | 2,323 citations | 331259 21 h-index | 301761 39 g-index |
| 195 all docs | 195 docs citations | 195 times ranked | 1543 citing authors |

| # | ARTICLE | IF | CITATIONS |
|---|---------|----|-----------|
| 1 | Empirical Near Ground Path Loss Modeling in a Forest at VHF and UHF Bands. IEEE Transactions on Antennas and Propagation, 2009, 57, 1461-1468. | 3.1 | 123 |
| 2 | 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. | 2.3 | 96 |
| 3 | INVESTIGATIONS OF FOLIAGE EFFECT ON MODERN WIRELESS COMMUNICATION SYSTEMS: A REVIEW. Progress in Electromagnetics Research, 2010, 105, 313-332. | 1.6 | 92 |
| 4 | A Data-Driven Approach for Accurate Rainfall Prediction. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 9323-9331. | 2.7 | 87 |
| 5 | 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. | 3.9 | 78 |
| 6 | Tapered dual-plane compact electromagnetic bandgap microstrip filter structures. IEEE Transactions on Microwave Theory and Techniques, 2005, 53, 2656-2664. | 2.9 | 73 |
| 7 | STUDY OF PROPAGATION LOSS PREDICTION IN FOREST ENVIRONMENT. Progress in Electromagnetics Research B, 2009, 17, 117-133. | 0.7 | 69 |
| 8 | GPS-Derived PWV for Rainfall Nowcasting in Tropical Region. IEEE Transactions on Geoscience and Remote Sensing, 2018, 56, 4835-4844. | 2.7 | 63 |
| 9 | 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. | 2.9 | 58 |
| 10 | Ground-based image analysis: A tutorial on machine-learning techniques and applications. IEEE Geoscience and Remote Sensing Magazine, 2016, 4, 79-93. | 4.9 | 57 |
| 11 | CloudSegNet: A Deep Network for Nychthemeron Cloud Image Segmentation. IEEE Geoscience and Remote Sensing Letters, 2019, 16, 1814-1818. | 1.4 | 56 |
| 12 | Performance of Site Diversity Investigated Through RADAR Derived Results. IEEE Transactions on Antennas and Propagation, 2011, 59, 3890-3898. | 3.1 | 45 |
| 13 | Truncated Gamma Drop Size Distribution Models for Rain Attenuation in Singapore. IEEE Transactions on Antennas and Propagation, 2010, 58, 1325-1335. | 3.1 | 43 |
| 14 | Rain Attenuation Prediction Model for Satellite Communications in Tropical Regions. IEEE Transactions on Antennas and Propagation, 2014, 62, 5775-5781. | 3.1 | 43 |
| 15 | The Effects of Tropical Weather on Radio-Wave Propagation Over Foliage Channel. IEEE Transactions on Vehicular Technology, 2009, 58, 4023-4030. | 3.9 | 38 |
| 16 | Compact U-shaped dual planar EBG microstrip low-pass filter. IEEE Transactions on Microwave Theory and Techniques, 2005, 53, 3799-3805. | 2.9 | 37 |
| 17 | Categorization of cloud image patches using an improved texton-based approach. , 2015, , . | | 37 |
| 18 | Suppression of Cross-Band Scattering in Interleaved Dual-Band Cellular Base-Station Antenna Arrays. IEEE Access, 2020, 8, 222486-222495. | 2.6 | 35 |

| # | Article | IF | Citations |
|---|---------|----|-----------|
| 19 | 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. | 0.5 | 34 |
| 20 | TROPICAL RAIN CLASSIFICATION AND ESTIMATION OF RAIN FROM Z-R (REFLECTIVITY-RAIN RATE) RELATIONSHIPS. Progress in Electromagnetics Research B, 2011, 32, 107-127. | 0.7 | 34 |
| 21 | A Simplified Model for the Retrieval of Precipitable Water Vapor From GPS Signal. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 6245-6253. | 2.7 | 34 |
| 22 | Systematic study of color spaces and components for the segmentation of sky/cloud images. , 2014, , . |  | 32 |
| 23 | Two-Parameter Gamma Drop Size Distribution Models for Singapore. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 3371-3380. | 2.7 | 31 |
| 24 | Design of low-cost, compact and weather-proof whole sky imagers for high-dynamic-range captures. , 2015, , . |  | 30 |
| 25 | WAHRSIS: A low-cost high-resolution whole sky imager with near-infrared capabilities. Proceedings of SPIE, 2014, , . | 0.8 | 23 |
| 26 | Rough-Set-Based Color Channel Selection. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 52-56. | 1.4 | 23 |
| 27 | Systematic Study of Weather Variables for Rainfall Detection. , 2018, , . |  | 23 |
| 28 | GPS derived PWV for rainfall monitoring. , 2016, , . |  | 22 |
| 29 | Estimating solar irradiance using sky imagers. Atmospheric Measurement Techniques, 2019, 12, 5417-5429. | 1.2 | 22 |
| 30 | Investigation of Rainfall Effect on Forested Radio Wave Propagation. IEEE Antennas and Wireless Propagation Letters, 2008, 7, 159-162. | 2.4 | 21 |
| 31 | FURTHER STUDY OF RAINFALL EFFECT ON VHF FORESTED RADIO-WAVE PROPAGATION WITH FOUR-LAYERED MODEL. Progress in Electromagnetics Research, 2009, 99, 149-161. | 1.6 | 21 |
| 32 | GPS-PWV based Improved Long-Term Rainfall Prediction Algorithm for Tropical Regions. Remote Sensing, 2019, 11, 2643. | 1.8 | 21 |
| 33 | Multi-level semantic labeling of Sky/cloud images. , 2015, , . |  | 20 |
| 34 | Study of shadowing effect by aircraft maneuvering for air-to-ground communication. AEU - International Journal of Electronics and Communications, 2012, 66, 7-11. | 1.7 | 19 |
| 35 | Estimation of solar irradiance using ground-based whole sky imagers. , 2016, , . |  | 18 |
| 36 | Nighttime sky/cloud image segmentation. , 2017, , . |  | 18 |

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|---|---------|-----|-----------|
| 37 | A tapered small-size EBG microstrip bandstop filter design with triple EBG structures. Microwave and Optical Technology Letters, 2005, 46, 154-158. | 0.9 | 17 |
| 38 | Comparison of radio-sounding profiles for cloud attenuation analysis in the tropical region. , 2014, , . | | 17 |
| 39 | Compact Dual-Polarized Vivaldi Antenna with High Gain and High Polarization Purity for GPR Applications. Sensors, 2021, 21, 503. | 2.1 | 17 |
| 40 | A ROBUST CAD TOOL FOR INTEGRATED DESIGN OF UWB ANTENNA SYSTEM. Progress in Electromagnetics Research, 2011, 112, 441-457. | 1.6 | 16 |
| 41 | Optimal Energy Transfer Pipe Arrangement for Acoustic Drill String Telemetry. IEEE Transactions on Geoscience and Remote Sensing, 2014, 52, 6999-7007. | 2.7 | 16 |
| 42 | Propagation Modes and Temporal Variations Along a Lift Shaft in UHF Band. IEEE Transactions on Antennas and Propagation, 2010, 58, 2700-2709. | 3.1 | 15 |
| 43 | UHF Propagation Along a Cargo Hold on Board a Merchant Ship. IEEE Transactions on Wireless Communications, 2013, 12, 22-30. | 6.1 | 15 |
| 44 | High-Resolution ITU-R Cloud Attenuation Model for Satellite Communications in Tropical Region. IEEE Transactions on Antennas and Propagation, 2019, 67, 6115-6122. | 3.1 | 15 |
| 45 | Statistical Modeling of Signal Variation for Propagation Along a Lift Shaft. IEEE Antennas and Wireless Propagation Letters, 2010, 9, 752-755. | 2.4 | 14 |
| 46 | A Spectrum Trading Scheme for Licensed User Incentives. IEEE Transactions on Communications, 2015, 63, 4026-4036. | 4.9 | 14 |
| 47 | Short-term prediction of localized cloud motion using ground-based sky imagers. , 2016, , . | | 14 |
| 48 | 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. | 3.1 | 14 |
| 49 | Multi-label Cloud Segmentation Using a Deep Network. , 2019, , . | | 13 |
| 50 | Evaluating the Reliability of Air Temperature From ERA5 Reanalysis Data. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5. | 1.4 | 13 |
| 51 | A NOVEL EVOLUTIONARY LEARNING TECHNIQUE FOR MULTI-OBJECTIVE ARRAY ANTENNA OPTIMIZATION. Progress in Electromagnetics Research, 2004, 48, 125-144. | 1.6 | 12 |
| 52 | Optimization of design and fabrication for micromachined true time delay (TTD) phase shifters. Sensors and Actuators A: Physical, 2005, 119, 446-454. | 2.0 | 12 |
| 53 | Cloud base height estimation using high-resolution whole sky imagers. , 2015, , . | | 12 |
| 54 | Water Vapor Pressure Model for Cloud Vertical Structure Detection in Tropical Region. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 5875-5883. | 2.7 | 12 |

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| 55 | High-dynamic-range imaging for cloud segmentation. Atmospheric Measurement Techniques, 2018, 11, 2041-2049. | 1.2 | 12 |
| 56 | Effects of Rain Attenuation on Satellite Video Transmission. , 2011, , . | | 11 |
| 57 | Comparison of cloud models for propagation studies in Ka-band satellite applications. , 2014, , . | | 11 |
| 58 | Key Considerations in the Modeling of Tropical Maritime Microwave Attenuations. International Journal of Antennas and Propagation, 2015, 2015, 1-7. | 0.7 | 11 |
| 59 | A Data-Driven Approach to Detect Precipitation from Meteorological Sensor Data. , 2018, , . | | 11 |
| 60 | The Orientation Estimation of Elongated Underground Objects via Multipolarization Aggregation and Selection Neural Network. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5. | 1.4 | 11 |
| 61 | Forecasting Precipitable Water Vapor Using LSTMs. , 2020, , . | | 11 |
| 62 | Comparison of S-Band Radar Attenuation Prediction With Beacon Measurements. IEEE Transactions on Antennas and Propagation, 2012, 60, 4892-4900. | 3.1 | 10 |
| 63 | Site diversity gain at the equator: radar-derived results modeling in Singapore. International Journal of Satellite Communications and Networking, 2015, 33, 107-118. | 1.2 | 10 |
| 64 | Geo-referencing and stereo calibration of ground-based Whole Sky Imagers using the sun trajectory. , 2016, , . | | 10 |
| 65 | Statistical Study of Cloud Attenuation on Ka-Band Satellite Signal in Tropical Region. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2018-2021. | 2.4 | 10 |
| 66 | Two-Slope Path Loss Model for Curved-Tunnel Environment With Concept of Break Point. IEEE Transactions on Intelligent Transportation Systems, 2021, 22, 7850-7859. | 4.7 | 10 |
| 67 | Patch antenna enhancement using a mushroom-like EBG structures. , 2013, , . | | 9 |
| 68 | Radar measured rain attenuation with proposed Z–R relationship at a tropical location. AEU - International Journal of Electronics and Communications, 2015, 69, 458-461. | 1.7 | 9 |
| 69 | 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. | 2.4 | 9 |
| 70 | Chemically Room Temperature Crosslinked Polyvinyl Alcohol (PVA) with Anomalous Microwave Absorption Characteristics. Macromolecular Rapid Communications, 2021, 42, e2000763. | 2.0 | 9 |
| 71 | The role of particular rain drop size on rain attenuation at 11 GHz. , 2007, , . | | 8 |
| 72 | QoS provisioning by power control for video communication via satellite links. International Journal of Satellite Communications and Networking, 2015, 33, 259-275. | 1.2 | 8 |

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| 73 | Detecting rainfall onset using Sky Images. , 2016, , . | | 8 |
| 74 | Study of clear sky models for Singapore. , 2017, , . | | 8 |
| 75 | Predicting GPS-based PWV Measurements Using Exponential Smoothing. , 2019, , . | | 8 |
| 76 | Compact stepped‐impedance lowpass filter with a slot‐back microstrip line. Microwave and Optical Technology Letters, 2008, 50, 1058-1061. | 0.9 | 7 |
| 77 | Practical wideband channel sounding system for air-to-ground measurements at C Band. , 2009, , . | | 7 |
| 78 | Stereoscopic cloud base reconstruction using high-resolution whole sky imagers. , 2017, , . | | 7 |
| 79 | A Chaotic Approach on Solar Irradiance Forecasting. , 2019, , . | | 7 |
| 80 | Rainfall Forecasting Using GPS-Derived Atmospheric Gradient and Residual for Tropical Region. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-10. | 2.7 | 7 |
| 81 | Accelerating Numerical Electromagnetic Code computation by using the wavelet transform. IEEE Transactions on Magnetics, 1998, 34, 3399-3402. | 1.2 | 6 |
| 82 | Electromagnetic compatibility of a dual-planar electromagnetic band-gap microstrip filter structure. , 2006, , . | | 6 |
| 83 | Wind and rain influences on forested radiowave propagation. , 2007, , . | | 6 |
| 84 | Susceptibility of an Electromagnetic BandGap Filter. IEEE Transactions on Electromagnetic Compatibility, 2010, 52, 599-603. | 1.4 | 6 |
| 85 | Optimization of acoustic communication for industrial drilling. , 2013, , . | | 6 |
| 86 | STAND-OFF DISTANCES FOR NON-LINE-OF-SIGHT MARITIME MOBILE APPLICATIONS IN 5 GHZ BAND. Progress in Electromagnetics Research B, 2013, 54, 321-336. | 0.7 | 6 |
| 87 | Ferrite Coating Design for Near-Ground HF Bowtie Antenna. IEEE Transactions on Antennas and Propagation, 2017, 65, 2074-2078. | 3.1 | 6 |
| 88 | Impact of Covid19-Induced Lockdown on Air Quality in Ireland. , 2021, , . | | 6 |
| 89 | Efficient Forecasting of Precipitation Using LSTM. , 2021, , . | | 6 |
| 90 | SHAPE SLOPE PARAMETER DISTRIBUTION MODELLING OF ELECTROMAGNETIC SCATTERING BY RAIN DROPS. Progress in Electromagnetics Research B, 2010, 25, 191-209. | 0.7 | 5 |

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| 91 | Wideband channel characterization along a lift shaft on board a ship. , 2010, , . | | 5 |
| 92 | Bitstream-Oriented Protection for the H.264/Scalable Video Coding (SVC). Wireless Personal Communications, 2017, 97, 5115-5135. | 1.8 | 5 |
| 93 | Correlating satellite cloud cover with sky cameras. , 2017, , . | | 5 |
| 94 | Characterization of S-Band Dual-Polarized Radar Data for the Convective Rain Melting Layer Detection in A Tropical Region. Remote Sensing, 2018, 10, 1740. | 1.8 | 5 |
| 95 | 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. | 2.3 | 5 |
| 96 | Monitoring Atmospheric Pollutants From Ground-based Observations. , 2021, , . | | 5 |
| 97 | Analyzing the Impact of Meteorological Parameters on Rainfall Prediction. , 2021, , . | | 5 |
| 98 | Performance evaluation of back-projection and range migration algorithms in foliage penetration radar imaging. , 0, , . | | 4 |
| 99 | Measurement and Characterization of a Tropical Foliage Channel in VHF and UHF Bands. , 2006, , . | | 4 |
| 100 | An analytical method to study the effects of a substrate in surface-enhanced Raman scattering. Journal of Applied Physics, 2009, 106, . | 1.1 | 4 |
| 101 | AN AUTOMATIC MODEL ORDER REDUCTION OF A UWB ANTENNA SYSTEM. Progress in Electromagnetics Research, 2010, 104, 267-282. | 1.6 | 4 |
| 102 | Using the spectral scaling exponent for validation of quantitative precipitation forecasts. Meteorology and Atmospheric Physics, 2012, 115, 35-45. | 0.9 | 4 |
| 103 | Cloud attenuation on Ka-band satellite link in the tropical region: Preliminary results and analysis. , 2014, , . | | 4 |
| 104 | Weather Radar to detect and differentiate clouds from rain events. , 2016, , . | | 4 |
| 105 | Cloud radiative effect study using sky camera. , 2017, , . | | 4 |
| 106 | On the Importance of PWV in Detecting Precipitation. , 2018, , . | | 4 |
| 107 | A Deep Learning-Based Methodology for Rapidly Detecting the Defects inside Tree Trunks via GPR. , 2020, , . | | 4 |
| 108 | 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 |

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| 109 | 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. | 2.7 | 4 |
| 110 | Air quality in the New Delhi metropolis under COVID-19 lockdown. , 2022, 4, 200035. | | 4 |
| 111 | An Interoperable Open Data Portal for Climate Analysis. , 2021, , . | | 4 |
| 112 | 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. | 2.4 | 4 |
| 113 | A Modified Model-Based Interpolation Method to Accelerate the Characterization of UWB Antenna System. IEEE Transactions on Antennas and Propagation, 2007, 55, 475-479. | 3.1 | 3 |
| 114 | Waveguide propagation effect along the cargo hull on board a ship. Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , . | 0.0 | 3 |
| 115 | Conversion model of one-minute rainfall rate distribution in Singapore. , 2009, , . | | 3 |
| 116 | Study of propagation along a lift shaft in UHF band by channel measurements and 3-D simulation. , 2009, , . | | 3 |
| 117 | Study of the diversity reception in a forested environment. IEEE Transactions on Wireless Communications, 2009, 8, 2302-2305. | 6.1 | 3 |
| 118 | Out-of-band gain prediction of blade antennas for EMC purpose. , 2012, , . | | 3 |
| 119 | Mean weighted temperature for PWV estimation. , 2015, , . | | 3 |
| 120 | Design of a microstrip antenna using square Sierpinski fractal EBG structure. , 2015, , . | | 3 |
| 121 | Use of weather radar rain cell motion forecasting for site diversity system. , 2016, , . | | 3 |
| 122 | Investigation of cloud attenuation on Ka-band satellite beacon signal in tropical region. , 2016, , . | | 3 |
| 123 | GPS derived PWV for monitoring cloud evolution. , 2017, , . | | 3 |
| 124 | GPS Slant Path Residuals for Rainfall Detection. , 2019, , . | | 3 |
| 125 | Predicting Ground-based $PM_{2.5}$ Concentration in Queensland, Australia. , 2021, , . | | 3 |
| 126 | Detecting Blurred Ground-based Sky/Cloud Images. , 2021, , . | | 3 |

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| 127 | A Deep Learning-Based GPR Forward Solver for Predicting B-Scans of Subsurface Objects. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5. | 1.4 | 3 |
| 128 | Measurement and characterization of a forested channel with SIMO system. , 2007, , . | | 2 |
| 129 | Multipath characterization and fade mitigation of air-to-ground propagation channel over tropical sea surface at C band. , 2010, , . | | 2 |
| 130 | Further investigation of empirical path-loss modeling for short forested paths. , 2012, , . | | 2 |
| 131 | Experiment results of a two-by-two diverse antenna system over sea surface in NLOS scenario. , 2012, , . | | 2 |
| 132 | Study of path loss for ground based communication in military UHF band. , 2012, , . | | 2 |
| 133 | Optimization of ferrite coating for near-ground HF bowtie antenna. , 2014, , . | | 2 |
| 134 | DESIGN OF A COMPACT PATCH ANTENNA LOADING PERIODIC JERUSALEM CROSSES. Progress in Electromagnetics Research M, 2016, 47, 151-159. | 0.5 | 2 |
| 135 | Weather radar to detect cloud occurrence level. , 2016, , . | | 2 |
| 136 | Outage-Constrained Sensing Threshold Design for Decentralized Decision-Making in Cognitive Radio Networks. IEEE Transactions on Communications, 2016, 64, 4956-4965. | 4.9 | 2 |
| 137 | Analyzing cloud optical properties using sky cameras. , 2017, , . | | 2 |
| 138 | Radio-wave Propagation in Tunnel Structures at ISM Band: A Preliminary Study. , 2018, , . | | 2 |
| 139 | Spectrum Survey in 2.4 GHz ISM Band for a MRT Station Located in Singapore. , 2020, , . | | 2 |
| 140 | Programmable morphing, electroactive porous shape memory polymer composites with battery-voltage Joule heating stimulated recovery. APL Materials, 2022, 10, 071109. | 2.2 | 2 |
| 141 | Automated cell planning based on propagation loss. , 0, , . | | 1 |
| 142 | NEAR FIELD AND SURFACE FIELD ANALYSIS OF THIN WIRE ANTENNA IN THE PRESENCE OF CONDUCTING CUBE. Progress in Electromagnetics Research, 2004, 45, 313-333. | 1.6 | 1 |
| 143 | A small-size dual-plane EBG microstrip lowpass filter with a U-shaped microstrip line geometry. , 2005, , . | | 1 |
| 144 | Design and implementation of a UWB peer-to-peer communication network. , 2007, , . | | 1 |

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|---|---------|-----|-----------|
| 145 | Characterization of Wi-Fi antenna system on a remote controlled helicopter. , 2008, , . | | 1 |
| 146 | ELECTROMAGNETIC SUSCEPTIBILITY OF AN ELECTROMAGNETIC BAND-GAP FILTER STRUCTURE. Progress in Electromagnetics Research B, 2009, 15, 31-56. | 0.7 | 1 |
| 147 | Protecting satellite networks from disassociation DoS attacks. , 2010, , . | | 1 |
| 148 | Study of guiding effect along the cargo hull of a ship by measurements and simulations. , 2011, , . | | 1 |
| 149 | COMPARISON OF PROPAGATION ALONG A LIFT SHAFT IN TWO COMPLEX ENVIRONMENTS. Progress in Electromagnetics Research B, 2012, 36, 337-355. | 0.7 | 1 |
| 150 | Protecting Satellite Systems from Disassociation DoS Attacks. Wireless Personal Communications, 2013, 69, 623-638. | 1.8 | 1 |
| 151 | Design of a compact patch antenna using UC-EBG structure. , 2013, , . | | 1 |
| 152 | Wideband channel modeling within a shopping mall in UHF band. , 2013, , . | | 1 |
| 153 | Comparison of precipitable water vapor derived from GPS and radiosonde data for Singapore. , 2014, , . | | 1 |
| 154 | Impact of cloud effective temperature on cloud attenuation in tropical region. , 2015, , . | | 1 |
| 155 | Detection of cloud vertical structure using water vapor pressure in tropical region. , 2015, , . | | 1 |
| 156 | Correlation between cloud optical thickness and solar radiation. , 2016, , . | | 1 |
| 157 | Analyzing Solar Irradiance Variation From GPS and Cameras. , 2018, , . | | 1 |
| 158 | A V2X Communication System Test on Sea. , 2019, , . | | 1 |
| 159 | Investigating the Impact of Spatial Location of RSU in Trilateration Network. , 2020, , . | | 1 |
| 160 | Analysis of GPS Gradient Parameters for Rainfall Prediction. , 2020, , . | | 1 |
| 161 | Estimating Ground-level Nitrogen Dioxide Concentration from Satellite Data. , 2021, , . | | 1 |
| 162 | Improving Training Efficiency of LSTMs While Forecasting Precipitable Water Vapours. , 2021, , . | | 1 |

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|---|---------|-----|-----------|
| 163 | Organizing Decentralized Energy Data Using Semantic Approach. , 2021, , . | | 1 |
| 164 | Dual-Band Base Station Antenna Array with Suppressed Cross-Band Mutual Scattering. , 2021, , . | | 1 |
| 165 | Investigation on the Relation between Zenith Total Delay and Atmospheric Particulate Matter (PM2.5). , 2021, , . | | 1 |
| 166 | Evolutionary cell planner. , 0, , . | | 0 |
| 167 | Ultra wideband TEM horn design using multi-objective evolutionary algorithm. , 0, , . | | 0 |
| 168 | A new optimization approach for high performance meander EBG filter designs. , 2007, , . | | 0 |
| 169 | Wideband Channel Characterization in a Tropical Forested Area. , 2007, , . | | 0 |
| 170 | Further Investigation into the Electromagnetic Susceptibility of an EBG Microstrip Filter. , 2007, , . | | 0 |
| 171 | A Distinction between a step impedance lowpass filter and an EBG Microstrip Structure. , 2007, , . | | 0 |
| 172 | Wideband channel modelling in UHF band for urban area. , 2008, , . | | 0 |
| 173 | Statistical modeling of rainfall effect on a foliage propagation path. Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , . | 0.0 | 0 |
| 174 | Fast and accurate calculation of transmission coefficients for an EBG microstrip structure. Microwave and Optical Technology Letters, 2010, 52, 793-797. | 0.9 | 0 |
| 175 | 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. | 2.4 | 0 |
| 176 | Frequency dependency of propagation along a lift shaft on board a merchant ship. , 2011, , . | | 0 |
| 177 | Evaluation of laboratory equipments as channel sounding system for mobile radio propagation. , 2012, , . | | 0 |
| 178 | Multi-band gap-coupled microstrip patch antenna. , 2012, , . | | 0 |
| 179 | Impact of sapling movements on VHF and UHF radio-wave propagations. , 2013, , . | | 0 |
| 180 | Propagation over the outdoor-to-indoor channel in military UHF band. , 2013, , . | | 0 |

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| 181 | Study of outdoor-to-indoor channel in urban area. , 2014, , . | | 0 |
| 182 | A waveguide-fed grid E-band array antenna. , 2015, , . | | 0 |
| 183 | Analysis of monopole antenna excited by a current probe. , 2015, , . | | 0 |
| 184 | Peak envelope power measurements for mobile communications: A preliminary study. , 2016, , . | | 0 |
| 185 | Model comparison for estimating cloud liquid water content and attenuation in tropical region. , 2016, , . | | 0 |
| 186 | Investigation of gaseous attenuation on a Ka-band propagation link in tropical region. , 2017, , . | | 0 |
| 187 | A constant conversion factor for retrieval of PWV from GPS signals in tropical region. , 2017, , . | | 0 |
| 188 | Accuracy Assessment of MODIS Derived Precipitable Water Vapor. , 2018, , . | | 0 |
| 189 | Investigation of Melting Layer for Convective Rain in Tropical Region. , 2018, , . | | 0 |
| 190 | A Potential Low Cost Remote Sensing Using GPS Derived PWV. , 2018, , . | | 0 |
| 191 | Seasonal Water Vapor Pressure Models for Cloud Detection. , 2019, , . | | 0 |
| 192 | Subjective Quality Assessment of Ground-based Camera Images. , 2019, , . | | 0 |
| 193 | Analysis of the Seasonal Variation of Horizontal Delay Gradient for the Tropical Island Singapore. , 2021, , . | | 0 |
| 194 | Importance of Hydrostatic Delay Models in Deriving PWV from GPS Signal Delays. , 2020, , . | | 0 |
| 195 | Elongated Object Orientation Estimation Based on Deep Neural Networks. , 2021, , . | | 0 |