

Guizhen Lu

List of Publications by Year in descending order

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Version: 2024-02-01

31
papers

56
citations

2258059

3
h-index

1872680

6
g-index

31
all docs

31
docs citations

31
times ranked

50
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Directivity enhancement of fabryâ€perot antenna by using a steppedâ€dielectric slab superstrate. Microwave and Optical Technology Letters, 2012, 54, 711-715. | 1.4 | 13 |
| 2 | Unequally spaced linear antenna arrays synthesis based on genetic algorithm. , 2018, , . | | 6 |
| 3 | CRLH Transmission Lines for Telecommunications: Fast and Effective Modeling. International Journal of Antennas and Propagation, 2017, 2017, 1-5. | 1.2 | 5 |
| 4 | Determining the Effective Electromagnetic Parameters of Photonic Crystal by Phase Unwrapping and Denoising Method. International Journal of Antennas and Propagation, 2019, 2019, 1-10. | 1.2 | 4 |
| 5 | Polarization Degrees of Freedom of Hexapolarized MIMO System in the Ground Reflected Channel. IEICE Transactions on Communications, 2011, E94-B, 1284-1287. | 0.7 | 4 |
| 6 | Directivity enhancement of microstrip antennas using dielectric superstrates. , 2010, , . | | 3 |
| 7 | Using the finite difference parabolic equation with nonlocal boundary condition for complex environment radiowave propagation prediction. , 2016, , . | | 3 |
| 8 | Design of a High Gain Circular Polarized Radial Line Slot Antenna. , 2014, , . | | 2 |
| 9 | A DECOMPOSITION METHOD FOR COMPUTING RADIOWAVE PROPAGATION LOSS USING THREE-DIMENSIONAL PARABOLIC EQUATION. Progress in Electromagnetics Research M, 2015, 44, 183-189. | 0.9 | 2 |
| 10 | Dual-band two-element MIMO antenna for LTE and WLAN. , 2015, , . | | 2 |
| 11 | Combination of the Improved Diffraction Nonlocal Boundary Condition and Three-Dimensional Wide-Angle Parabolic Equation Decomposition Model for Predicting Radio Wave Propagation. International Journal of Antennas and Propagation, 2017, 2017, 1-10. | 1.2 | 2 |
| 12 | Improved Point Dipole Model for Subwavelength Resolution Scattering Near-Field Optical Microscopy (SNOM). International Journal of Antennas and Propagation, 2020, 2020, 1-13. | 1.2 | 2 |
| 13 | Application of Cooperative MIMO in the Ad Hoc Shallow Water Acoustic Sensor Network. , 2008, , . | | 1 |
| 14 | The Measurement in Reverberation Chamber. , 2009, , . | | 1 |
| 15 | Measurement at 820MHz for indoor wave propagation. , 2009, , . | | 1 |
| 16 | Design of low-frequency Artificial Magnetic Conductor with interleaved gap and lumped elements. , 2015, , . | | 1 |
| 17 | Using parabolic equation to predicate the propagation-loss of the rooftops of buildings in urban environments. , 2016, , . | | 1 |
| 18 | The application of Fourier split-step parabolic equation method in the point-to-point communication. , 2016, , . | | 1 |

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|----|---|-----|-----------|
| 19 | Horizontal diffraction based on parabolic equation with nonlocal boundary conditions. , 2017, , . | | 1 |
| 20 | The Hybrid Model Using Adaptive Neural-Fuzzy Inference System for Diffraction Loss Prediction of Multiple Edges. , 2018, , . | | 1 |
| 21 | Field uniformity measurement of a small reverberation chamber. , 2010, , . | | 0 |
| 22 | A new numerical method on linear exterior boundary value problem in $R^{2²}$. , 2012, , . | | 0 |
| 23 | Improved gap waveguide PMC packaging for zeroth-order resonator. , 2015, , . | | 0 |
| 24 | Radiowave propagation loss measurement of different situated Knife-Edge problems and comparison with PO computing. , 2015, , . | | 0 |
| 25 | Design and measurement of structural absorbing material with multilayer. , 2015, , . | | 0 |
| 26 | Improved zeroth-order resonator used in microwave oscillator. , 2015, , . | | 0 |
| 27 | Distributed capacitances of coupled micro-strip lines with surrounded conductor. , 2016, , . | | 0 |
| 28 | Design of a broadband frequency selective surface for X band application. , 2016, , . | | 0 |
| 29 | A novel effective metasurface in low-profile microstrip antenna. , 2017, , . | | 0 |
| 30 | Design of Reconfigurable Metal Photonic Crystal Array for Directional EM Wave Propagation. , 2018, , . | | 0 |
| 31 | The Study of Large-Scale Fading Using a Wavelet Transform Method. International Journal of Antennas and Propagation, 2018, 2018, 1-7. | 1.2 | 0 |