

Li Jiangting

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9000758/publications.pdf>

Version: 2024-02-01

208
papers

2,883
citations

361413

20
h-index

189892

50
g-index

210
all docs

210
docs citations

210
times ranked

3613
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 1 | ISAR Imaging Analysis of a Hypersonic Vehicle Covered With Plasma Sheath. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13. | 6.3 | 3 |
| 2 | ISAR Imaging for Target Above Rough Surface Based on Time-Domain Scattering Echo. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 14-18. | 4.0 | 1 |
| 3 | <i>S</i> -Band CW-Level Relativistic Magnetron Operating at Relatively Low Applied Voltage. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 1111-1118. | 4.6 | 8 |
| 4 | Influence of refractive index accurate model of supersonic vehicle window flow field on aero-optical characteristics. Optik, 2022, 252, 168524. | 2.9 | 3 |
| 5 | An MPI-accelerated Monte Carlo algorithm for estimating the reflectance and transmittance properties of a wind-driven sea surface. Optical Review, 2022, 29, 34-50. | 2.0 | 1 |
| 6 | Transient Scattering Echo Simulation and ISAR Imaging for a Composite Target-Ocean Scene Based on the TDSBR Method. Remote Sensing, 2022, 14, 1183. | 4.0 | 3 |
| 7 | Optical Intelligent Reflecting Surface for Mixed Dual-Hop FSO and Beamforming-Based RF System in C-RAN. IEEE Transactions on Wireless Communications, 2022, 21, 8489-8506. | 9.2 | 9 |
| 8 | Remote sensing of sea surface wind speed under non-rainy conditions using X-band ground brightness temperatures at low elevation angles. Journal of Applied Remote Sensing, 2022, 16, . | 1.3 | 0 |
| 9 | Analysis of MTF for Optical Waves Propagation in Hypersonic Plasma Turbulence. IEEE Transactions on Plasma Science, 2022, 50, 2010-2015. | 1.3 | 0 |
| 10 | Electromagnetic Scattering Characteristics of Blunt Cone Aircraft Under THz Waves Based on PO Method. IEEE Transactions on Plasma Science, 2022, 50, 3200-3209. | 1.3 | 5 |
| 11 | Mie-Debye-Monte Carlo Method to Analyze the Transmission Characteristics of Electromagnetic Waves in Dusty Plasma. IEEE Transactions on Plasma Science, 2022, 50, 2448-2454. | 1.3 | 1 |
| 12 | Analyzing the Electromagnetic Scattering Characteristics of a Hypersonic Vehicle Based on the Inhomogeneity Zonal Medium Model. IEEE Transactions on Antennas and Propagation, 2021, 69, 971-982. | 5.1 | 22 |
| 13 | Investigation on THz EM Wave Scattering From Oil-Covered Sea Surface: Exploration for an Approach to Probe the Thickness of Oil Film. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 1827-1835. | 6.3 | 1 |
| 14 | Scattering Prediction of Target Above Layered Rough Surface Based on Time-Domain Ray Tracing Modeling. IEEE Transactions on Antennas and Propagation, 2021, 69, 2820-2832. | 5.1 | 8 |
| 15 | Enhanced Optical OFDM/OQAM for Visible Light Communication Systems. IEEE Wireless Communications Letters, 2021, 10, 614-618. | 5.0 | 13 |
| 16 | Jamming Efficiency Analysis Based on the Range Profile of Target With Chaff. IEEE Access, 2021, 9, 13573-13589. | 4.2 | 7 |
| 17 | An Integrated Technology of Ionospheric Backscatter Detection and Oblique Detection. IEEE Access, 2021, 9, 129718-129727. | 4.2 | 1 |
| 18 | An ISAR Imaging Framework for Large and Complex Targets Using TDSBR. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1928-1932. | 4.0 | 4 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | A Bistatic Scattering Evaluation Method of the Chaff Cloud in Airflow Based on VRT. IEEE Transactions on Antennas and Propagation, 2021, 69, 8698-8710. | 5.1 | 7 |
| 20 | Multiview ISAR Imaging for Complex Targets Based on Improved SBR Scattering Model. International Journal of Antennas and Propagation, 2021, 2021, 1-10. | 1.2 | 4 |
| 21 | Compact Corrugated Plate for Double-Sided Contactless Waveguide Flange. IEEE Microwave and Wireless Components Letters, 2021, 31, 129-132. | 3.2 | 7 |
| 22 | Research on Electromagnetic Wave Propagation Characteristics of Fully Ionized Inhomogeneous Dusty Plasma in a Magnetized BGK Model. IEEE Transactions on Plasma Science, 2021, 49, 1460-1467. | 1.3 | 8 |
| 23 | Efficient RCS Prediction of the Conducting Target Based on Physics-Inspired Machine Learning and Experimental Design. IEEE Transactions on Antennas and Propagation, 2021, 69, 2274-2289. | 5.1 | 16 |
| 24 | A Rectangular Vane-Type Relativistic Magnetron With Diffraction Output. IEEE Transactions on Plasma Science, 2021, 49, 1812-1817. | 1.3 | 4 |
| 25 | Performance Analysis for Cooperative Communication System in Optical IoUT Network With HDAF Strategy. IEEE Photonics Journal, 2021, 13, 1-22. | 2.0 | 4 |
| 26 | Analysis of Echo Characteristics of Spatially Inhomogeneous and Time-Varying Plasma Sheath. IEEE Transactions on Plasma Science, 2021, 49, 1804-1811. | 1.3 | 6 |
| 27 | An Efficient Method to Compute EM Scattering From Target Covered With Honeycomb Composite Material. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1210-1214. | 4.0 | 2 |
| 28 | Investigation of effects of plasma sheath on antenna radiation based on ray tracing method. AIP Advances, 2021, 11, . | 1.3 | 3 |
| 29 | Influence of dusty plasma on antenna radiation. Physics of Plasmas, 2021, 28, 083701. | 1.9 | 3 |
| 30 | A Miniaturized Transmitting LPDA Design for 2 MHz~30 MHz Uses. Sensors, 2021, 21, 6034. | 3.8 | 0 |
| 31 | Time-Domain Scattering Characteristics and Jamming Effectiveness in Corner Reflectors. IEEE Access, 2021, 9, 15696-15707. | 4.2 | 8 |
| 32 | Evolution Properties and Spatial-Mode UWOC Performances of the Perfect Vortex Beam Subject to Oceanic Turbulence. IEEE Transactions on Communications, 2021, 69, 7647-7658. | 7.8 | 14 |
| 33 | Spiral Spectrum of a Laguerre-Gaussian Beam Propagating in Anisotropic Turbulent Plasma. IEEE Photonics Journal, 2021, 13, 1-10. | 2.0 | 4 |
| 34 | Polarization Properties of Obliquely Incident EM Waves in Nonuniform Weakly Ionized Dusty Plasma. International Journal of Antennas and Propagation, 2021, 2021, 1-10. | 1.2 | 0 |
| 35 | Research on Electromagnetic Scattering Based on Spherical Near-Far Field Transform. , 2021, , . | | 0 |
| 36 | Study on Dynamic RCS of Hypersonic Vehicle. , 2021, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 37 | Research on Plasma Electron Density Based on Emission Spectroscopy Calibrated by Probe. , 2021, , . | | 0 |
| 38 | Electron Density Inversion for Plasma Medium Based on Antenna Performance Parameters. , 2021, , . | | 0 |
| 39 | The Echo characteristics of Electromagnetic Waves in Nonuniform Plasma. , 2021, , . | | 0 |
| 40 | Monte Carlo method for studying the transmission properties of electromagnetic waves in dusty plasma. , 2021, , . | | 0 |
| 41 | Electromagnetic Scattering Analysis of the Sea Surface with Single Breaking Waves. International Journal of Antennas and Propagation, 2021, 2021, 1-13. | 1.2 | 0 |
| 42 | A Parallel Monte Carlo Simulation Algorithm for the Irradiance Reflectance Properties of a Rough Sea Surface Based on MPI. , 2021, , . | | 0 |
| 43 | Efficient RCS Prediction of Composite Scene Based on Deep BP Neural Networks. , 2021, , . | | 0 |
| 44 | Study on Near-field Electromagnetic Scattering Characteristics of Targets Irradiated by Antenna Beam. , 2021, , . | | 1 |
| 45 | A Complex Permittivity Inversion Method Based on Free-space Method and BP Neural Network. , 2021, , . | | 0 |
| 46 | The Research of Orthogonal Waveform Design for Ambiguity Feature Based on Distributed MIMO Radar. , 2021, , . | | 0 |
| 47 | Investigation on SAR Image of Target on Rough Surface. , 2021, , . | | 1 |
| 48 | The Simulation of Backscattering Mueller Matrix for the Wind-Generated Bubbles in the Ocean by Using a GPU-Accelerated Monte Carlo Model. , 2021, , . | | 0 |
| 49 | Atmospheric Duct 3D Propagation Model of Electromagnetic Wave Based on Ray Tracing Method. , 2021, , . | | 1 |
| 50 | Performance Investigation of OAMSK Modulated Wireless Optical System Over Turbulent Ocean Using Convolutional Neural Networks. Journal of Lightwave Technology, 2020, 38, 1753-1765. | 4.6 | 22 |
| 51 | Simulation of plasma instabilities artificially induced in the equatorial ionosphere. Physics of Plasmas, 2020, 27, 092902. | 1.9 | 4 |
| 52 | A Novel 2-D Geometry Reconstruction Approach for Space Debris via Interpolation-Free Operation under Low SNR Conditions. Remote Sensing, 2020, 12, 2059. | 4.0 | 0 |
| 53 | ISAR Image Algorithm Using Time-Domain Scattering Echo Simulated by TDPO Method. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 1331-1335. | 4.0 | 8 |
| 54 | SBR for Near-Field Scattering of PEC Objects Under Far-Field Antenna Radiation. , 2020, , . | | 2 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 55 | Simulation and Feature Extraction of the Dynamic Electromagnetic Scattering of a Hypersonic Vehicle Covered with Plasma Sheath. <i>Remote Sensing</i> , 2020, 12, 2740. | 4.0 | 17 |
| 56 | Measurement of the Scattering Matrix and Extinction Coefficient of the Chaff Corridor. <i>IEEE Access</i> , 2020, 8, 206755-206769. | 4.2 | 2 |
| 57 | A Study of Scattering From Rough Surface With Different Scale of Roughness Based on the Efficient Numerical Strategies. <i>IEEE Access</i> , 2020, 8, 217877-217882. | 4.2 | 0 |
| 58 | EM Scattering From a Simple Water Surface Composed of Two Time-Varying Sinusoidal Waves. <i>IEEE Access</i> , 2020, 8, 200684-200694. | 4.2 | 1 |
| 59 | The Distributions of Characteristic Parameters During Long-Period Modulation Heating in the Polar Region Ionosphere. <i>Journal of Geophysical Research: Space Physics</i> , 2020, 125, e2019JA027626. | 2.4 | 0 |
| 60 | A new BGK model to compute the scattering characteristics of electromagnetic waves by weakly ionized dusty plasma shroud. <i>Physics of Plasmas</i> , 2020, 27, . | 1.9 | 8 |
| 61 | Characteristics and Applications of the Ground-Based X Band Low Elevation Angle Brightness Temperatures under Low Sea State Based on Measured Data. <i>Remote Sensing</i> , 2020, 12, 1736. | 4.0 | 0 |
| 62 | First-Principles Calculations of the Electronic Structure and Optical Properties of Yttrium-Doped ZnO Monolayer with Vacancy. <i>Materials</i> , 2020, 13, 724. | 2.9 | 13 |
| 63 | Application of CUDA-Accelerated GO/PO Method in Calculation of Electromagnetic Scattering From Coated Targets. <i>IEEE Access</i> , 2020, 8, 35420-35428. | 4.2 | 5 |
| 64 | Polarization characteristics of radially polarized partially coherent vortex beam in anisotropic plasma turbulence. <i>Waves in Random and Complex Media</i> , 2020, , 1-14. | 2.7 | 10 |
| 65 | Effects of Nonuniform Moving Plasma on the Polarization Properties of Obliquely Incident EM Waves. <i>IEEE Transactions on Plasma Science</i> , 2020, 48, 867-875. | 1.3 | 0 |
| 66 | Effect of Plasma Sheath Velocity on Propagation of Electromagnetic Waves. <i>IEEE Access</i> , 2020, 8, 76158-76162. | 4.2 | 1 |
| 67 | Multi-dimensional Time Series Modeling of Ionospheric foF2. , 2020, , . | | 0 |
| 68 | Improved Gaussian Process Regression Inspired by Physical Optics for the Conducting Target's RCS Prediction. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020, 19, 2403-2407. | 4.0 | 8 |
| 69 | Mixing Ratio Optimization of Chaff Elements for Wideband Jamming Using PSO. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020, 19, 2408-2412. | 4.0 | 1 |
| 70 | Average bit error rate performance of free-space optical systems over double generalized gamma fading channels based on avalanche photodiode detector. <i>Optical Engineering</i> , 2020, 59, . | 1.0 | 2 |
| 71 | Investigation on target imaging algorithm for ground penetrating radar detection. , 2020, , . | | 2 |
| 72 | Overview of the Electromagnetic Scattering from Targets and Rough Surface Basing on an Efficient Numerical Algorithm. , 2019, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 73 | Ultra-Wideband Scattering Coefficient Measurement in Time-Domain of Layered Dielectric Plates. , 2019, , . | | 0 |
| 74 | Temperature-Dependent Characteristics of AlGaIn/GaN Nanowire Channel High Electron Mobility Transistors. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1900396. | 1.8 | 6 |
| 75 | A Time-Delay Calibration Method for Profile Estimation of Two-Layered Rough Surfaces. IEEE Access, 2019, 7, 101575-101582. | 4.2 | 2 |
| 76 | The Study on Near-Field Scattering of a Target Under Antenna Irradiation by TDSBR Method. IEEE Access, 2019, 7, 113476-113487. | 4.2 | 15 |
| 77 | Electromagnetic Scattering From Asteroid Surface Modeling Based on Midpoint Displacement Method. , 2019, , . | | 0 |
| 78 | Study of the Terahertz Wave Scattering From Metal Surface Coated by Rough Lossy Coating Based on a Ray Tracing Modeling. IEEE Access, 2019, 7, 116799-116808. | 4.2 | 1 |
| 79 | High-Performance Two-Dimensional InSe Field-Effect Transistors with Novel Sandwiched Ohmic Contact for Sub-10 nm Nodes: a Theoretical Study. Nanoscale Research Letters, 2019, 14, 277. | 5.7 | 6 |
| 80 | Overview of the High Order Integral SPM for Electromagnetic Scattering from Rough Surface. , 2019, , . | | 0 |
| 81 | The Simulation of EM Scattering from Target above Sea Surface with a New Four-Path Model. , 2019, , . | | 0 |
| 82 | Research on the Propagation Characteristics of THz Waves in Spatial Inhomogeneous and Time-Varying and Weakly Ionized Dusty Plasma. IEEE Transactions on Plasma Science, 2019, 47, 4745-4752. | 1.3 | 19 |
| 83 | SBR for Near-Field Scattering of Targets on Rough Surface Illuminated by Dipole Sources. , 2019, , . | | 1 |
| 84 | Comparative Study Between Partially and Fully Recessed- Gate Enhancement-Mode AlGaIn/GaN MIS HEMT on the Breakdown Mechanism. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1900115. | 1.8 | 12 |
| 85 | Propagation characteristics of THz waves in space-time inhomogeneous and fully ionized dusty plasma sheath. Journal of Quantitative Spectroscopy and Radiative Transfer, 2019, 232, 66-74. | 2.3 | 20 |
| 86 | Atomic-layer-deposited HfO ₂ /Al ₂ O ₃ laminated dielectrics for bendable Si nanomembrane based MOS capacitors. Applied Physics Letters, 2019, 114, . | 3.3 | 5 |
| 87 | A Compact Relativistic Magnetron With Lower Output Mode. IEEE Transactions on Electron Devices, 2019, 66, 1960-1964. | 3.0 | 22 |
| 88 | Fabrication of graphene-like carbon films on 6H-SiC substrates via chlorination-annealing at low temperature. AIP Advances, 2019, 9, 025205. | 1.3 | 0 |
| 89 | Fast Simulations of Electromagnetic Scattering From One-Dimensional Rough Surface Over a Frequency Band Using Hybrid AMCBFM-Maehly Method. IEEE Access, 2019, 7, 184622-184628. | 4.2 | 0 |
| 90 | Phase-frequency Characteristics of Electromagnetic Wave in a Magnetized Inhomogeneous Plasma. , 2019, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|------|-----------|
| 91 | Effects of Plasma Sheath on Parameter Estimations of Linear Frequency Modulation Pulse Signal. IEEE Transactions on Plasma Science, 2019, 47, 4934-4943. | 1.3 | 1 |
| 92 | Range Profile Analysis of Hypersonic Vehicles Covered by Inhomogeneous Plasma Sheath Using Physical Optics. IEEE Transactions on Plasma Science, 2019, 47, 4961-4970. | 1.3 | 9 |
| 93 | Study on the Doppler Spectrum of the Sea Surface Covered by Very Thin Oil-Film Based on Extended Physical Optics Method. , 2019, , . | | 0 |
| 94 | Preliminary Experimental Investigation of a Compact High-Efficiency Relativistic Magnetron With Low Guiding Magnetic Field. IEEE Transactions on Plasma Science, 2019, 47, 209-213. | 1.3 | 9 |
| 95 | Electromagnetic scattering characteristics of foil in hypersonic plasma turbulence. IET Microwaves, Antennas and Propagation, 2019, 13, 2575-2579. | 1.4 | 2 |
| 96 | Effects of Weakly Ionized Dusty Plasma on the Polarization Property of Obliquely Incident EM Waves. , 2019, , . | | 0 |
| 97 | Electromagnetic wave propagation in magnetized plasma turbulence. , 2019, , . | | 1 |
| 98 | Inferring the atmospheric duct from radar sea clutter using the improved artificial bee colony algorithm. International Journal of Microwave and Wireless Technologies, 2018, 10, 437-445. | 1.9 | 6 |
| 99 | 4H-SiC monolithic Darlington transistors with slight current gain drop at high collector current density. Science China Technological Sciences, 2018, 61, 1238-1243. | 4.0 | 0 |
| 100 | Effects of pressure and incident field on visible light intensity from microwave nitrogen breakdown. Physics of Plasmas, 2018, 25, 022104. | 1.9 | 8 |
| 101 | Propagation characteristics of electromagnetic waves in dusty plasma with full ionization. Physics of Plasmas, 2018, 25, . | 1.9 | 27 |
| 102 | A Reconfigurable Filtering Antenna With Integrated Bandpass Filters for UWB/WLAN Applications. IEEE Transactions on Antennas and Propagation, 2018, 66, 401-404. | 5.1 | 89 |
| 103 | Electromagnetic scattering of coated objects over sea surface based on SBR-SDFSM. Journal of Electromagnetic Waves and Applications, 2018, 32, 1079-1092. | 1.6 | 7 |
| 104 | Simulation study towards high performance transparent-conductive-oxide free perovskite solar cells using metal microcavity and optical coupling layer. IEEE Photonics Journal, 2018, , 1-1. | 2.0 | 6 |
| 105 | One-step synthesis of novel snowflake-like Si-O/Si-C nanostructures on 3D graphene/Cu foam by chemical vapor deposition. Nano Research, 2018, 11, 1861-1872. | 10.4 | 12 |
| 106 | The Influence of Non-uniform Flow Field Characteristics of Hypersonic Vehicle on Electromagnetic Wave Propagation. , 2018, , . | | 1 |
| 107 | Experimental Study on Effects of Ionospheric Multi-path on Echo Spectra in HF Hybrid Sky-surface Wave System. , 2018, , . | | 1 |
| 108 | ISAR Imaging Method for Non-Cooperative Slow Rotation Targets in Space. , 2018, , . | | 2 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 109 | The scattering of Vortex Electromagnetic Waves by a coated sphere. , 2018, , . | | 2 |
| 110 | Capacitance-Voltage Investigation of HfO ₂ /Al ₂ O ₃ Bilayered High-k Dielectrics on Si Nanomembrane. , 2018, , . | | 0 |
| 111 | Spreading and wander of partially coherent beams propagating in the turbulent atmosphere. , 2018, , . | | 0 |
| 112 | SBR Method for Near-Field Scattering of an Electrically Large Complex Target Illuminated by Dipole Sources. IEEE Access, 2018, 6, 78710-78718. | 4.2 | 12 |
| 113 | Multiple Random Phase-Screen Simulation of Scintillation Effect of Bessel-Gaussian Beam in Ocean Turbulence. , 2018, , . | | 3 |
| 114 | SAR imaging of hypersonic platform based on phase screen method. , 2018, , . | | 0 |
| 115 | Doppler Spectrum of Electromagnetic Scattering from Ocean Surface with Foam Distribution. , 2018, , . | | 1 |
| 116 | Measurement of Scattering Coefficient in Time-Domain and Error Analysis of Dielectric Plate. , 2018, , . | | 2 |
| 117 | A Creamer Nonlinear Ocean Surface Doppler Spectrum Simulation of a Fine Physical Model Covered by Oil Film. , 2018, , . | | 0 |
| 118 | The Wave Propagation Characteristics of the Plasma Sheath Were Analyzed by COMSOL. , 2018, , . | | 0 |
| 119 | Turbulence induced beam wander effect on laser satellite communication systems. , 2018, , . | | 0 |
| 120 | A Fast and Efficient Method for the Composite Scattering of a Coated Object Above 3D Random Rough Surfaces. IEEE Access, 2018, 6, 56192-56199. | 4.2 | 2 |
| 121 | A Parabolic Equation Method Based on DEM for Propagation Over Terrain. , 2018, , . | | 0 |
| 122 | A Vector Parabolic Equation Method for Propagation Predictions Over 3-D Irregular Terrains. , 2018, , . | | 2 |
| 123 | Study of Propagation of Airy Array Vortex Beams in Turbulent Atmosphere. , 2018, , . | | 1 |
| 124 | Influence of Plasma Sheath on Radiation Characteristics of Antenna Based on Ray Tracing Method. , 2018, , . | | 0 |
| 125 | Evolution behavior of mixed screw-edge dislocations propagating through atmospheric turbulence. Applied Physics B: Lasers and Optics, 2018, 124, 1. | 2.2 | 3 |
| 126 | Effect of Inductively Couple Plasma-Based Oxygen Plasma Treatment on AlGaIn/GaN HEMT. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1800481. | 1.8 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 127 | Study on Modeling of Visible Light Communication in Indoor Furniture Scene. , 2018, , . | | 0 |
| 128 | A Facet-Based Simulation of the Multipath Effect on the EM Scattering and Doppler Spectrum of a Low-Flying Target at Maritime Scene. IEEE Geoscience and Remote Sensing Letters, 2018, , 1-5. | 3.1 | 7 |
| 129 | Comparison Between Air and SF6 Breakdown by Microwaves at High Pressure. IEEE Transactions on Plasma Science, 2018, 46, 2794-2799. | 1.3 | 2 |
| 130 | Research on the scattering characteristics of electromagnetic waves in time-varying and weakly collisional and fully ionized dusty in plasma. IET Microwaves, Antennas and Propagation, 2018, 12, 742-748. | 1.4 | 5 |
| 131 | Compact, high power and high efficiency relativistic magnetron with L-band all cavity axial extraction. Physics of Plasmas, 2018, 25, . | 1.9 | 19 |
| 132 | Performance analysis of a LDPC coded OAM-based UCA FSO system exploring linear equalization with channel estimation over atmospheric turbulence. Optics Express, 2018, 26, 22182. | 3.4 | 13 |
| 133 | Scattering characteristics of electromagnetic waves in time and space inhomogeneous weakly ionized dusty plasma sheath. Physics of Plasmas, 2018, 25, . | 1.9 | 30 |
| 134 | Effects of Asymmetry Atmospheric Eddies on Spreading and Wander of Bessel-Gaussian Beams in Anisotropic Turbulence. IEEE Photonics Journal, 2018, 10, 1-10. | 2.0 | 1,185 |
| 135 | Research on the Electromagnetic Scattering Characteristics of two dimensional Non-magnetization plasma. , 2018, , . | | 0 |
| 136 | Propagation of Electromagnetic Waves on a Relativistically Moving Nonuniform Plasma. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 137-140. | 4.0 | 15 |
| 137 | Saturation effects of the lower ionosphere based on two-dimensional HF heating model. Journal of Geophysical Research: Space Physics, 2017, 122, 874-890. | 2.4 | 2 |
| 138 | Propagation of terahertz electromagnetic waves in a magnetized plasma with inhomogeneous electron density and collision frequency. Physics of Plasmas, 2017, 24, 022108. | 1.9 | 53 |
| 139 | Note: A temperature-stable low-noise transimpedance amplifier for microcurrent measurement. Review of Scientific Instruments, 2017, 88, 026101. | 1.3 | 5 |
| 140 | Absorption of electromagnetic waves by a moving non-uniform plasma. Physics of Plasmas, 2017, 24, 042119. | 1.9 | 7 |
| 141 | Analysis of terahertz scattering from electrically large scatterer with NURBS modeling. Journal of Electromagnetic Waves and Applications, 2017, 31, 981-996. | 1.6 | 2 |
| 142 | STUDY ON SCATTERING PROBLEMS ABOUT ROUGH SURFACES WITH FEM/BIM. , 2017, , 89-153. | | 0 |
| 143 | Electromagnetic waves propagation in hypersonic turbulence using fractal phase screen method. Journal of Electromagnetic Waves and Applications, 2017, 31, 250-262. | 1.6 | 7 |
| 144 | Research on the FDTD method of scattering effects of obliquely incident electromagnetic waves in time-varying plasma sheath on collision and plasma frequencies. Physics of Plasmas, 2017, 24, . | 1.9 | 24 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 145 | The Cluster Scattering in ZnMgO/ZnO Heterostructures With Three- and Five-Valley. IEEE Transactions on Electron Devices, 2017, 64, 2148-2154. | 3.0 | 4 |
| 146 | Bit error rate performance of free-space optical link under effect of plasma sheath turbulence. Optics Communications, 2017, 396, 1-7. | 2.1 | 17 |
| 147 | The impact of alloy cluster scattering on low-temperature mobility of 2D electron gas in Zn _{1-x} Mg _x O/ZnO heterostructures. AIP Advances, 2017, 7, 065216. | 1.3 | 0 |
| 148 | Wideband-to-Narrowband Tunable Monopole Antenna With Integrated Bandpass Filters for UWB/WLAN Applications. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 2734-2737. | 4.0 | 82 |
| 149 | Attenuation characteristics of electromagnetic waves in a weak collisional and fully ionized dusty plasma. Physics of Plasmas, 2017, 24, . | 1.9 | 15 |
| 150 | Power Spectrum of Refractive-Index Fluctuation in Hypersonic Plasma Turbulence. IEEE Transactions on Plasma Science, 2017, 45, 2431-2437. | 1.3 | 5 |
| 151 | Propagation characteristics of Gaussian beams in plasma sheath turbulence. IET Microwaves, Antennas and Propagation, 2017, 11, 280-286. | 1.4 | 17 |
| 152 | Effects of atmospheric turbulence on mode purity of orbital angular momentum millimeter waves. , 2017, , . | | 7 |
| 153 | Wave structure function of electromagnetic waves propagating through anisotropic hypersonic turbulence. , 2017, , . | | 0 |
| 154 | Influence of hypersonic turbulence in plasma sheath on synthetic aperture radar imaging. IET Microwaves, Antennas and Propagation, 2017, 11, 2223-2227. | 1.4 | 7 |
| 155 | Applying perfectly absorbing thin screen to the 3D parabolic equation method. , 2017, , . | | 0 |
| 156 | EM scattering of electrically large target above sea surface with SDFSM-SBR method. , 2017, , . | | 0 |
| 157 | Electromagnetic Scattering of Electrically Large Ship above Sea Surface with SBR-SDFM Method. International Journal of Antennas and Propagation, 2017, 2017, 1-6. | 1.2 | 4 |
| 158 | The Big Data Processing of HF Sky-Wave Radar Sea Echo for Detection of Sea Moving Targets. International Journal of Information Technology and Web Engineering, 2017, 12, 56-71. | 1.6 | 1 |
| 159 | Polarimetric Scattering from Two-Dimensional Dielectric Rough Sea Surface with a Ship-Induced Kelvin Wake. International Journal of Antennas and Propagation, 2016, 2016, 1-14. | 1.2 | 5 |
| 160 | Scattering and Doppler Spectral Analysis for a Fast-Moving Target above Time-Varying Lossy Dielectric Sea Surface. International Journal of Antennas and Propagation, 2016, 2016, 1-11. | 1.2 | 1 |
| 161 | Anisotropic power spectrum of refractive-index fluctuation in hypersonic turbulence. Applied Optics, 2016, 55, 9137. | 2.1 | 27 |
| 162 | Note: Expanding the bandwidth of the ultra-low current amplifier using an artificial negative capacitor. Review of Scientific Instruments, 2016, 87, 046102. | 1.3 | 1 |

| # | ARTICLE | IF | CITATIONS |
|-----|---|-----|-----------|
| 163 | Backward scattering from the 2-D time-varying rough overturning wave crest by MoM. , 2016, , . | | 0 |
| 164 | A powerful analytic-numerical algorithm for scattering from a 3-D object above a 2-D conductive rough surface. , 2016, , . | | 0 |
| 165 | A vector parabolic equation method for propagation predictions over flat terrains. , 2016, , . | | 1 |
| 166 | An analysis of Doppler frequency shift in 2D modiflicated space plasma. , 2016, , . | | 0 |
| 167 | A narrow-angle parabolic equation model in atmospheric ducts. , 2016, , . | | 2 |
| 168 | Electromagnetic scattering characteristics of ablation rough surface in plasma sheath. , 2016, , . | | 0 |
| 169 | Mitigation of RF blackout in plasma sheaths communication via nonlinear effects. , 2016, , . | | 0 |
| 170 | The statistic and analysis of atmospheric ducts worldwide using radiosonde data. , 2016, , . | | 1 |
| 171 | Inverse Synthetic Aperture Radar imaging of maneuvering targets based on joint time-frequency analysis. , 2016, , . | | 4 |
| 172 | Applying the Parabolic Equation to Tropospheric Groundwave Propagation: A review of recent achievements and significant milestones. IEEE Antennas and Propagation Magazine, 2016, 58, 31-44. | 1.4 | 40 |
| 173 | Doppler spectrum of polarimetric scattering field from two-dimensional time-varying nonlinear sea surfaces. Waves in Random and Complex Media, 2016, 26, 516-534. | 2.7 | 8 |
| 174 | Effect of air breakdown in near-field region on maximum power radiated from aperture antenna. Journal of Electromagnetic Waves and Applications, 2016, 30, 795-804. | 1.6 | 3 |
| 175 | The electromagnetic scattering from complex sea surface. , 2016, , . | | 1 |
| 176 | Selection combining optimization for FSO links over exponentiated Weibull fading channels. , 2016, , . | | 2 |
| 177 | Propagation properties of an optical vortex carried by a Besselâ€“Gaussian beam in anisotropic turbulence. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2016, 33, 1442. | 1.5 | 70 |
| 178 | Research on the FDTD Method of Electromagnetic Wave Scattering Characteristics in Time-Varying and Spatially Nonuniform Plasma Sheath. IEEE Transactions on Plasma Science, 2016, 44, 3235-3242. | 1.3 | 49 |
| 179 | Multihop FSO Over Exponentiated Weibull Fading Channels With Nonzero Boresight Pointing Errors. IEEE Photonics Technology Letters, 2016, 28, 1747-1750. | 2.5 | 14 |
| 180 | Monte Carlo Investigation of High-Field Electron Transport Characteristics in ZnMgO/ZnO Heterostructures. IEEE Transactions on Electron Devices, 2016, 63, 517-523. | 3.0 | 14 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 181 | Scattering From Contaminated Rough Sea Surface by Iterative Physical Optics Model. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 500-504. | 3.1 | 15 |
| 182 | Channel Capacity of the OAM-Based Free-Space Optical Communication Links With Bessel-Gauss Beams in Turbulent Ocean. IEEE Photonics Journal, 2016, 8, 1-11. | 2.0 | 83 |
| 183 | Effects of Internal Gain and Illumination-Induced Stored Charges in MgZnO Metal-Semiconductor-Metal Photodetectors. IEEE Transactions on Electron Devices, 2016, 63, 1600-1607. | 3.0 | 8 |
| 184 | Application of multiregion model to EM scattering from a dielectric target above or below a dielectric rough surface. Waves in Random and Complex Media, 2016, 26, 152-167. | 2.7 | 3 |
| 185 | BER Performance of FSO Limited by Shot and Thermal Noise Over Exponentiated Weibull Fading Channels. IEEE Photonics Technology Letters, 2016, 28, 252-255. | 2.5 | 15 |
| 186 | Simulation and analysis of the clutter from time varying sea with breaking waves. , 2015, , . | | 0 |
| 187 | Monte Carlo analysis of transient electron transport in wurtzite Zn _{1-x} Mg _x O combined with first principles calculations. AIP Advances, 2015, 5, . | 1.3 | 6 |
| 188 | The measurement of sea surface profile with X-band coherent marine radar. Acta Oceanologica Sinica, 2015, 34, 65-70. | 1.0 | 16 |
| 189 | Numerical Simulation and Analysis of the Spiky Sea Clutter from the Sea Surface With Breaking Waves. IEEE Transactions on Antennas and Propagation, 2015, 63, 4983-4994. | 5.1 | 16 |
| 190 | Scintillation and aperture averaging for Gaussian beams through non-Kolmogorov maritime atmospheric turbulence channels. Optics Express, 2015, 23, 32606. | 3.4 | 60 |
| 191 | A statistical study on the whistler waves behind dipolarization fronts. Journal of Geophysical Research: Space Physics, 2015, 120, 1086-1095. | 2.4 | 25 |
| 192 | Performance Analysis of Multihop Parallel Free-Space Optical Systems Over Exponentiated Weibull Fading Channels. IEEE Photonics Journal, 2015, 7, 1-17. | 2.0 | 15 |
| 193 | EM Scattering From a Target Above a 1-D Randomly Rough Sea Surface Using GPU-Based Parallel FDTD. IEEE Antennas and Wireless Propagation Letters, 2015, 14, 217-220. | 4.0 | 25 |
| 194 | Performance Analysis for Relay-Aided Multihop BPPM FSO Communication System Over Exponentiated Weibull Fading Channels With Pointing Error Impairments. IEEE Photonics Journal, 2015, 7, 1-20. | 2.0 | 23 |
| 195 | Debye series analysis of optical force induced by an axicon-generated Bessel beam. Journal of Modern Optics, 2015, 62, 493-502. | 1.3 | 4 |
| 196 | Analytical soliton solutions for the cubic-quintic nonlinear Schrödinger equation with Raman effect in the nonuniform management systems. Nonlinear Dynamics, 2015, 79, 387-395. | 5.2 | 19 |
| 197 | Electromagnetic scattering and Doppler spectra analysis of sea surface covered by oil spills. , 2014, , . | | 0 |
| 198 | Application of FEM-BIE for scattering from dielectric objects buried under a rough surface. , 2014, , . | | 0 |

| # | ARTICLE | IF | CITATIONS |
|-----|--|-----|-----------|
| 199 | Application of GPU-based parallel FDTD to EM scattering from a target above a 1-D randomly rough sea surface. , 2014, , . | | 0 |
| 200 | A semiempirical model for electromagnetic scattering from dielectric 1-D dielectric sea surface covered by oil film. , 2014, , . | | 1 |
| 201 | Investigation on transient composite scattering of a target above a randomly rough surface using a multiregion model. , 2013, , . | | 0 |
| 202 | Nickel(II)-Catalyzed Enantioselective 1,3-Dipolar Cycloaddition of Azomethine Imines with Alkylidene Malonates. Chemistry - A European Journal, 2013, 19, 5134-5140. | 3.3 | 77 |
| 203 | CHARACTERISTIC OF PLASMA SHEATH CHANNEL AND ITS EFFECT ON COMMUNICATION. Progress in Electromagnetics Research, 2012, 123, 321-336. | 4.4 | 74 |
| 204 | A vehicle-mounted high power LPDA design for 8-22 MHz applications. Microwave and Optical Technology Letters, 0, , . | 1.4 | 0 |
| 205 | Research on HF antenna blockage effects and their alleviation. Journal of Electromagnetic Waves and Applications, 0, , 1-15. | 1.6 | 1 |
| 206 | Refractive index fluctuation spectrum of lightwave propagation in supersonic compressible turbulent flow. Waves in Random and Complex Media, 0, , 1-17. | 2.7 | 2 |
| 207 | Analysis of Gaussian beam broadening and scintillation index in anisotropic plasma turbulence. Waves in Random and Complex Media, 0, , 1-16. | 2.7 | 6 |
| 208 | Wave structure functions of optical waves in weakly compressible turbulence. Waves in Random and Complex Media, 0, , 1-15. | 2.7 | 1 |