Li Jiangting

List of Publications by Year
in descending order

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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	Effects of Asymmetry Atmospheric Eddies on Spreading and Wander of Besselâ€“Gaussian Beams in Anisotropic Turbulence. IEEE Photonics Journal, 2018, 10, 1-10.	2.0	1,185
2	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
3	Channel Capacity of the OAM-Based Free-Space Optical Communication Links With Besselâ€“Gauss Beams in Turbulent Ocean. IEEE Photonics Journal, 2016, 8, 1-11.	2.0	83
4	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
5	Nickel(II)â€Catalyzed Enantioselective 1,3â€Dipolar Cycloaddition of Azomethine Imines with Alkylidene Malonates. Chemistry - A European Journal, 2013, 19, 5134-5140.	3.3	77
6	CHARACTERISTIC OF PLASMA SHEATH CHANNEL AND ITS EFFECT ON COMMUNICATION. Progress in Electromagnetics Research, 2012, 123, 321-336.	4.4	74
7	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
8	Scintillation and aperture averaging for Gaussian beams through non-Kolmogorov maritime atmospheric turbulence channels. Optics Express, 2015, 23, 32606.	3.4	60
9	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
10	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
11	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
12	Scattering characteristics of electromagnetic waves in time and space inhomogeneous weakly ionized dusty plasma sheath. Physics of Plasmas, 2018, 25, .	1.9	30
13	Anisotropic power spectrum of refractive-index fluctuation in hypersonic turbulence. Applied Optics, 2016, 55, 9137.	2.1	27
14	Propagation characteristics of electromagnetic waves in dusty plasma with full ionization. Physics of Plasmas, 2018, 25, .	1.9	27
15	A statistical study on the whistler waves behind dipolarization fronts. Journal of Geophysical Research: Space Physics, 2015, 120, 1086-1095.	2.4	25
16	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
17	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
18	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

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19	A Compact Relativistic Magnetron With Lower Output Mode. IEEE Transactions on Electron Devices, 2019, 66, 1960-1964.	3.0	22
20	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
21	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
22	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
23	Analytical soliton solutions for the cubicâ€“quintic nonlinear SchrÃ¶dinger equation with Raman effect in the nonuniform management systems. Nonlinear Dynamics, 2015, 79, 387-395.	5.2	19
24	Compact, high power and high efficiency relativistic magnetron with L-band all cavity axial extraction. Physics of Plasmas, 2018, 25, .	1.9	19
25	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
26	Bit error rate performance of free-space optical link under effect of plasma sheath turbulence. Optics Communications, 2017, 396, 1-7.	2.1	17
27	Propagation characteristics of Gaussian beams in plasma sheath turbulence. IET Microwaves, Antennas and Propagation, 2017, 11, 280-286.	1.4	17
28	Simulation and Feature Extraction of the Dynamic Electromagnetic Scattering of a Hypersonic Vehicle Covered with Plasma Sheath. Remote Sensing, 2020, 12, 2740.	4.0	17
29	The measurement of sea surface profile with X-band coherent marine radar. Acta Oceanologica Sinica, 2015, 34, 65-70.	1.0	16
30	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
31	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
32	Performance Analysis of Multihop Parallel Free-Space Optical Systems Over Exponentiated Weibull Fading Channels. IEEE Photonics Journal, 2015, 7, 1-17.	2.0	15
33	Scattering From Contaminated Rough Sea Surface by Iterative Physical Optics Model. IEEE Geoscience and Remote Sensing Letters, 2016, 13, 500-504.	3.1	15
34	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
35	Propagation of Electromagnetic Waves on a Relativistically Moving Nonuniform Plasma. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 137-140.	4.0	15
36	Attenuation characteristics of electromagnetic waves in a weak collisional and fully ionized dusty plasma. Physics of Plasmas, 2017, 24, .	1.9	15

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37	The Study on Near-Field Scattering of a Target Under Antenna Irradiation by TDSBR Method. IEEE Access, 2019, 7, 113476-113487.	4.2	15
38	Multihop FSO Over Exponentiated Weibull Fading Channels With Nonzero Boresight Pointing Errors. IEEE Photonics Technology Letters, 2016, 28, 1747-1750.	2.5	14
39	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
40	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
41	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
42	First-Principles Calculations of the Electronic Structure and Optical Properties of Yttrium-Doped ZnO Monolayer with Vacancy. Materials, 2020, 13, 724.	2.9	13
43	Enhanced Optical OFDM/OQAM for Visible Light Communication Systems. IEEE Wireless Communications Letters, 2021, 10, 614-618.	5.0	13
44	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
45	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
46	Comparative Study Between Partially and Fully Recessedâ€Gate Enhancementâ€Mode AlGaN/GaN MIS HEMT on the Breakdown Mechanism. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1900115.	1.8	12
47	Polarization characteristics of radially polarized partially coherent vortex beam in anisotropic plasma turbulence. Waves in Random and Complex Media, 2020, , 1-14.	2.7	10
48	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
49	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
50	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
51	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
52	Effects of Internal Gain and Illumination-Induced Stored Charges in MgZnO Metalâ€“Semiconductorâ€“Metal Photodetectors. IEEE Transactions on Electron Devices, 2016, 63, 1600-1607.	3.0	8
53	Effects of pressure and incident field on visible light intensity from microwave nitrogen breakdown. Physics of Plasmas, 2018, 25, 022104.	1.9	8
54	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

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55	A new BGK model to compute the scattering characteristics of electromagnetic waves by weakly ionized dusty plasma shroud. Physics of Plasmas, 2020, 27, .	1.9	8
56	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
57	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
58	Time-Domain Scattering Characteristics and Jamming Effectiveness in Corner Reflectors. IEEE Access, 2021, 9, 15696-15707.	4.2	8
59	Improved Gaussian Process Regression Inspired by Physical Optics for the Conducting Target's RCS Prediction. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2403-2407.	4.0	8
60	S-Band GW-Level Relativistic Magnetron Operating at Relatively Low Applied Voltage. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 1111-1118.	4.6	8
61	Absorption of electromagnetic waves by a moving non-uniform plasma. Physics of Plasmas, 2017, 24, 042119.	1.9	7
62	Electromagnetic waves propagation in hypersonic turbulence using fractal phase screen method. Journal of Electromagnetic Waves and Applications, 2017, 31, 250-262.	1.6	7
63	Effects of atmospheric turbulence on mode purity of orbital angular momentum millimeter waves. , 2017, , .		7
64	Influence of hypersonic turbulence in plasma sheath on synthetic aperture radar imaging. IET Microwaves, Antennas and Propagation, 2017, 11, 2223-2227.	1.4	7
65	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
66	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
67	Jamming Efficiency Analysis Based on the Range Profile of Target With Chaff. IEEE Access, 2021, 9, 13573-13589.	4.2	7
68	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
69	Compact Corrugated Plate for Double-Sided Contactless Waveguide Flange. IEEE Microwave and Wireless Components Letters, 2021, 31, 129-132.	3.2	7
70	Monte Carlo analysis of transient electron transport in wurtzite Zn1â^'xMgxO combined with first principles calculations. AIP Advances, 2015, 5, .	1.3	6
71	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
72	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

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73	Temperatureâ€Dependent Characteristics of AlGaN/GaN Nanowire Channel High Electron Mobility Transistors. Physica Status Solidi (A) Applications and Materials Science, 2019, 216, 1900396.	1.8	6
74	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
75	Analysis of Echo Characteristics of Spatially Inhomogeneous and Time-Varying Plasma Sheath. IEEE Transactions on Plasma Science, 2021, 49, 1804-1811.	1.3	6
76	Analysis of Gaussian beam broadening and scintillation index in anisotropic plasma turbulence. Waves in Random and Complex Media, 0, , 1-16.	2.7	6
77	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
78	Note: A temperature-stable low-noise transimpedance amplifier for microcurrent measurement. Review of Scientific Instruments, 2017, 88, 026101.	1.3	5
79	Power Spectrum of Refractive-Index Fluctuation in Hypersonic Plasma Turbulence. IEEE Transactions on Plasma Science, 2017, 45, 2431-2437.	1.3	5
80	Research on the scattering characteristics of electromagnetic waves in timeâ€varying and weakly collisional and fully ionized dusty in plasma. IET Microwaves, Antennas and Propagation, 2018, 12, 742-748.	1.4	5
81	Atomic-layer-deposited HfO2/Al2O3 laminated dielectrics for bendable Si nanomembrane based MOS capacitors. Applied Physics Letters, 2019, 114, .	3.3	5
82	Application of CUDA-Accelerated GO/PO Method in Calculation of Electromagnetic Scattering From Coated Targets. IEEE Access, 2020, 8, 35420-35428.	4.2	5
83	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
84	Debye series analysis of optical force induced by an axicon-generated Bessel beam. Journal of Modern Optics, 2015, 62, 493-502.	1.3	4
85	Inverse Synthetic Aperture Radar imaging of maneuvering targets based on joint time-frequency analysis. , 2016, , .		4
86	The Cluster Scattering in ZnMgO/ZnO Heterostructures With Three- and Five-Valley. IEEE Transactions on Electron Devices, 2017, 64, 2148-2154.	3.0	4
87	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
88	Simulation of plasma instabilities artificially induced in the equatorial ionosphere. Physics of Plasmas, 2020, 27, 092902.	1.9	4
89	An ISAR Imaging Framework for Large and Complex Targets Using TDSBR. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1928-1932.	4.0	4
90	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

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91	A Rectangular Vane-Type Relativistic Magnetron With Diffraction Output. IEEE Transactions on Plasma Science, 2021, 49, 1812-1817.	1.3	4
92	Performance Analysis for Cooperative Communication System in Optical IoUT Network With HDAF Strategy. IEEE Photonics Journal, 2021, 13, 1-22.	2.0	4
93	Spiral Spectrum of a Laguerre-Gaussian Beam Propagating in Anisotropic Turbulent Plasma. IEEE Photonics Journal, 2021, 13, 1-10.	2.0	4
94	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
95	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
96	Multiple Random Phase-Screen Simulation of Scintillation Effect of Bessel-Gaussian Beam in Ocean Turbulence. , 2018, , .		3
97	Evolution behavior of mixed screw-edge dislocations propagating through atmospheric turbulence. Applied Physics B: Lasers and Optics, 2018, 124, 1.	2.2	3
98	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
99	Investigation of effects of plasma sheath on antenna radiation based on ray tracing method. AIP Advances, 2021, 11, .	1.3	3
100	Influence of dusty plasma on antenna radiation. Physics of Plasmas, 2021, 28, 083701.	1.9	3
101	Influence of refractive index accurate model of supersonic vehicle window flow field on aero-optical characteristics. Optik, 2022, 252, 168524.	2.9	3
102	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
103	A narrow-angle parabolic equation model in atmospheric ducts. , 2016, , .		2
104	Selection combining optimization for FSO links over exponentiated Weibull fading channels. , 2016, , .		2
105	Saturation effects of the lower ionosphere based on twoâ€dimensional HF heating model. Journal of Geophysical Research: Space Physics, 2017, 122, 874-890.	2.4	2
106	Analysis of terahertz scattering from electrically large scatterer with NURBS modeling. Journal of Electromagnetic Waves and Applications, 2017, 31, 981-996.	1.6	2
107	ISAR Imaging Method for Non-Cooperative Slow Rotation Targets in Space. , 2018, , .		2
108	The scattering of Vortex Electromagnetic Waves by a coated sphere. , 2018, , .		2

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109	Measurement of Scattering Coefficient in Time-Domain and Error Analysis of Dielectric Plate. , 2018, , .		2
110	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
111	A Vector Parabolic Equation Method for Propagation Predictions Over 3-D Irregular Terrains. , 2018, , .		2
112	Comparison Between Air and SF6 Breakdown by Microwaves at High Pressure. IEEE Transactions on Plasma Science, 2018, 46, 2794-2799.	1.3	2
113	A Time-Delay Calibration Method for Profile Estimation of Two-Layered Rough Surfaces. IEEE Access, 2019, 7, 101575-101582.	4.2	2
114	SBR for Near-Field Scattering of PEC Objects Under Far-Field Antenna Radiation. , 2020, , .		2
115	Measurement of the Scattering Matrix and Extinction Coefficient of the Chaff Corridor. IEEE Access, 2020, 8, 206755-206769.	4.2	2
116	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
117	Electromagnetic scattering characteristics of foil in hypersonic plasma turbulence. IET Microwaves, Antennas and Propagation, 2019, 13, 2575-2579.	1.4	2
118	Average bit error rate performance of free-space optical systems over double generalized gamma fading channels based on avalanche photodiode detector. Optical Engineering, 2020, 59, .	1.0	2
119	Investigation on target imaging algorithm for ground penetrating radar detection. , 2020, , .		2
120	Refractive index fluctuation spectrum of lightwave propagation in supersonic compressible turbulent flow. Waves in Random and Complex Media, 0, , 1-17.	2.7	2
121	A semiempirical model for electromagnetic scattering from dielectric 1-D dielectric sea surface covered by oil film. , 2014, , .		1
122	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
123	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
124	A vector parabolic equation method for propagation predictions over flat terrains. , 2016, , .		1
125	The statistic and analysis of atmospheric ducts worldwide using radiosonde data. , 2016, , .		1
126	The electromagnetic scattering from complex sea surface. , 2016, , .		1

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127	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
128	The Influence of Non-uniform Flow Field Characteristics of Hypersonic Vehicle on Electromagnetic Wave Propagation. , 2018, , .		1
129	Experimental Study on Effects of Ionospheric Multi-path on Echo Spectra in HF Hybrid Sky-surface Wave System. , 2018, , .		1
130	Doppler Spectrum of Electromagnetic Scattering from Ocean Surface with Foam Distribution. , 2018, , .		1
131	Study of Propagation of Airy Array Vortex Beams in Turbulent Atmosphere. , 2018, , .		1
132	Effect of Inductively Couple Plasmaâ€Based Oxygen Plasma Treatment on AlGaN/GaN HEMT. Physica Status Solidi (A) Applications and Materials Science, 2018, 215, 1800481.	1.8	1
133	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
134	SBR for Near-Field Scattering of Targets on Rough Surface Illuminated by Dipole Sources. , 2019, , .		1
135	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
136	EM Scattering From a Simple Water Surface Composed of Two Time-Varying Sinusoidal Waves. IEEE Access, 2020, 8, 200684-200694.	4.2	1
137	Effect of Plasma Sheath Velocity on Propagation of Electromagnetic Waves. IEEE Access, 2020, 8, 76158-76162.	4.2	1
138	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
139	An Integrated Technology of Ionospheric Backscatter Detection and Oblique Detection. IEEE Access, 2021, 9, 129718-129727.	4.2	1
140	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
141	Electromagnetic wave propagation in magnetized plasma turbulence. , 2019, , .		1
142	Mixing Ratio Optimization of Chaff Elements for Wideband Jamming Using PSO. IEEE Antennas and Wireless Propagation Letters, 2020, 19, 2408-2412.	4.0	1
143	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
144	Research on HF antenna blockage effects and their alleviation. Journal of Electromagnetic Waves and Applications, 0, , 1-15.	1.6	1

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145	Study on Near-field Electromagnetic Scattering Characteristics of Targets Irradiated by Antenna Beam. , 2021, , .		1
146	Investigation on SAR Image of Target on Rough Surface. , 2021, , .		1
147	Atmospheric Duct 3D Propagation Model of Electromagnetic Wave Based on Ray Tracing Method. , 2021, , .		1
148	Wave structure functions of optical waves in weakly compressible turbulence. Waves in Random and Complex Media, 0, , 1-15.	2.7	1
149	Mieâ€“Debyeâ€“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
150	Investigation on transient composite scattering of a target above a randomly rough surface using a multiregion model. , 2013, , .		0
151	Electromagnetic scattering and Doppler spectra analysis of sea surface covered by oil spills. , 2014, , .		0
152	Application of FEM-BIE for scattering from dielectric objects buried under a rough surface. , 2014, , .		0
153	Application of GPU-based parallel FDTD to EM scattering from a target above a 1-D randomly rough sea surface. , 2014, , .		0
154	Simulation and analysis of the clutter from time varying sea with breaking waves. , 2015, , .		0
155	Backward scattering from the 2-D time-varying rough overturning wave crest by MoM. , 2016, , .		0
156	A powerful analytic-numerical algorithm for scattering from a 3-D object above a 2-D conductive rough surface. , 2016, , .		0
157	An analysis of Doppler frequency shift in 2D modificated space plasma. , 2016, , .		0
158	Electromagnetic scattering characteristics of ablation rough surface in plasma sheath. , 2016, , .		0
159	Mitigation of RF blackout in plasma sheaths communication via nonlinear effects. , 2016, , .		0
160	STUDY ON SCATTERING PROBLEMS ABOUT ROUGH SURFACES WITH FEM/BIM. , 2017, , 89-153.		0
161	The impact of alloy cluster scattering on low-temperature mobility of 2D electron gas in Zn1-xMgxO/ZnO heterostructures. AIP Advances, 2017, 7, 065216.	1.3	0
162	Wave structure function of electromagnetic waves propagating through anisotropic hypersonic turbulence. , 2017, , .		0

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163	Applying perfectly absorbing thin screen to the 3D parabolic equation method. , 2017, , .		0
164	EM scattering of electrically large target above sea surface with SDFSM-SBR method. , 2017, , .		0
165	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
166	Capacitance-Voltage Investigation of HfO<inf>2</inf>/Al<inf>2</inf>O<inf>3</inf> Bilayered High-k Dielectrics on Si Nanomembrane. , 2018, , .		0
167	Spreading and wander of partially coherent beams propagating in the turbulent atmosphere. , 2018, , .		0
168	SAR imaging of hypersonic platform based on phase screen method. , 2018, , .		0
169	A Creamer Nonlinear Ocean Surface Doppler Spectrum Simulation of a Fine Physical Model Covered by Oil Film. , 2018, , .		0
170	The Wave Propagation Characteristics of the Plasma Sheath Were Analyzed by COMSOL. , 2018, , .		0
171	Turbulence induced beam wander effect on laser satellite communication systems. , 2018, , .		0
172	A Parabolic Equation Method Based on DEM for Propagation Over Terrain. , 2018, , .		0
173	Influence of Plasma Sheath on Radiation Characteristics of Antenna Based on Ray Tracing Method. , 2018, , .		0
174	Study on Modeling of Visible Light Communication in Indoor Furniture Scene. , 2018, , .		0
175	Overview of the Electromagnetic Scattering from Targets and Rough Surface Basing on an Efficient Numerical Algorithm. , 2019, , .		0
176	Ultra-Wideband Scattering Coefficient Measurement in Time-Domain of Layered Dielectric Plates. , 2019, , .		0
177	Electromagnetic Scattering From Asteroid Surface Modeling Based on Midpoint Displacement Method. , 2019, , .		0
178	Overview of the High Order Integral SPM for Electromagnetic Scattering from Rough Surface. , 2019, , .		0
179	The Simulation of EM Scattering from Target above Sea Surface with a New Four-Path Model. , 2019, , .		0
180	Fabrication of graphene-like carbon films on 6H-SiC substrates via chlorination-annealing at low temperature. AIP Advances, 2019, 9, 025205.	1.3	0

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181	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
182	Phase-frequency Characteristics of Electromagnetic Wave in a Magnetized Inhomogeneous Plasma. , 2019, , .		0
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