

Lixin Guo

List of Publications by Year in descending order

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238
papers

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239
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docs citations

239
times ranked

994
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	Ultracompact Bandpass Filter Based on Slow Wave Substrate Integrated Groove Gap Waveguide. IEEE Transactions on Microwave Theory and Techniques, 2022, 70, 1211-1220.	4.6	6
4	Double-Layer Transmitarray Antenna Using Specially Designed Substrate. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 441-445.	4.0	8
5	Determination of the Forward Electromagnetic Coupling Radius in Chaff Cloud. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 262-266.	4.0	0
6	Application of the Improved SBR-TSM Based on MPI to EM Scattering from Multiple Targets Above a 3-D Rough Sea Surface. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 411-415.	4.0	7
7	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
8	Scattering of partially coherent vortex beam by rough surface in atmospheric turbulence. Optics Express, 2022, 30, 4165.	3.4	6
9	Analysis of HF Receiving Antenna SNR and Application. Radio Science, 2022, 57, .	1.6	0
10	An Efficient Lineal Sampling Method for RCS Prediction. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 774-778.	4.0	2
11	Digital Maps of Atmospheric Refractivity and Atmospheric Ducts Based on a Meteorological Observation Datasets. IEEE Transactions on Antennas and Propagation, 2022, 70, 2873-2883.	5.1	5
12	False Scattering Center Extraction Based on Template Matching Method. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 720-724.	4.0	1
13	A New Index to Descript the Regional Ionospheric Disturbances During Storm Time. Journal of Geophysical Research: Space Physics, 2022, 127, .	2.4	4
14	Calibrator Irregularity Error Compensation for Radar Cross Section Measurement. IEEE Antennas and Wireless Propagation Letters, 2022, , 1-1.	4.0	1
15	Longitudinally Miniaturized H-Plane Horn Antenna With $\hat{\sim}$ 30 dB Sidelobes Realized by Simple Blocks Redistributing the Aperture Field. IEEE Transactions on Antennas and Propagation, 2022, 70, 7187-7192.	5.1	3
16	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
17	A Design Method for Wideband Chaff Element Using Simulated Annealing Algorithm. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1208-1212.	4.0	4
18	Mitigating Vortex Splitting by Controlling the Wavefront Isophase Line Curvature of Vector Autofocusing Airy Vortex Beams in Free Space. Photonics, 2022, 9, 325.	2.0	2

#	ARTICLE	IF	CITATIONS
19	Analysis of MTF for Optical Waves Propagation in Hypersonic Plasma Turbulence. IEEE Transactions on Plasma Science, 2022, 50, 2010-2015.	1.3	0
20	An Accelerated SBR Method for RCS Prediction of Electrically Large Target. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1930-1934.	4.0	6
21	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
22	A Model for Calculating Electromagnetic Scattering From Target in Evaporation Duct. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 2312-2316.	4.0	1
23	Mie's "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
24	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
25	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
26	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
27	Enhanced Optical OFDM/OQAM for Visible Light Communication Systems. IEEE Wireless Communications Letters, 2021, 10, 614-618.	5.0	13
28	Horn Antenna With Miniaturized Size and Increased Gain by Loading Slow Wave Periodic Metal Blocks. IEEE Transactions on Antennas and Propagation, 2021, 69, 2365-2369.	5.1	14
29	Jamming Efficiency Analysis Based on the Range Profile of Target With Chaff. IEEE Access, 2021, 9, 13573-13589.	4.2	7
30	An Integrated Technology of Ionospheric Backscatter Detection and Oblique Detection. IEEE Access, 2021, 9, 129718-129727.	4.2	1
31	An ISAR Imaging Framework for Large and Complex Targets Using TDSBR. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1928-1932.	4.0	4
32	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
33	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
34	Compact Corrugated Plate for Double-Sided Contactless Waveguide Flange. IEEE Microwave and Wireless Components Letters, 2021, 31, 129-132.	3.2	7
35	Statistical model for the weak turbulence-induced attenuation and crosstalk in free space communication systems with orbital angular momentum. Optics Express, 2021, 29, 12644.	3.4	9
36	Efficient conversion from spoof surface plasmon polaritons to radiation mode. Applied Optics, 2021, 60, 3374.	1.8	1

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37	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
38	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
39	Novel Suspended-Line Gap Waveguide Packaged With Stacked-Mushroom EBG Structures. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 2447-2457.	4.6	12
40	An Improved Ray-Tracing Algorithm for SBR-Based EM Scattering Computation of Electrically Large Targets. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 818-822.	4.0	12
41	Scattering of a high-order vector Bessel Gaussian beam by a spherical marine aerosol. Journal of Quantitative Spectroscopy and Radiative Transfer, 2021, 265, 107552.	2.3	11
42	Spiral spectrum of high-order elliptic Gaussian vortex beams in a non-Kolmogorov turbulent atmosphere. Optics Express, 2021, 29, 16056.	3.4	12
43	Research on phase shift characteristics of electromagnetic wave in plasma. Plasma Science and Technology, 2021, 23, 075001.	1.5	6
44	Performance Analysis for Cooperative Communication System in Optical IoUT Network With HDAF Strategy. IEEE Photonics Journal, 2021, 13, 1-22.	2.0	4
45	Analysis of Echo Characteristics of Spatially Inhomogeneous and Time-Varying Plasma Sheath. IEEE Transactions on Plasma Science, 2021, 49, 1804-1811.	1.3	6
46	Compact Slow-Wave SIW H-Plane Horn Antenna With Increased Gain for Vehicular Millimeter Wave Communication. IEEE Transactions on Vehicular Technology, 2021, 70, 7289-7293.	6.3	26
47	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
48	A Study of Composite Scattering Characteristics of Movable/Rotatable Targets and a Rough Sea Surface Using an Efficient Numerical Algorithm. IEEE Transactions on Antennas and Propagation, 2021, 69, 4011-4019.	5.1	8
49	Research on MIMO Channel Capacity in Complex Indoor Environment Based on Deterministic Channel Model. , 2021, , .		1
50	Slow Wave Substrate-Integrated Waveguide With Miniaturized Dimensions and Broadened Bandwidth. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 3675-3683.	4.6	9
51	Position Error Detection and Compensation for Far-Field Radar Cross-Section Measurement. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1518-1522.	4.0	3
52	Hardâ€“Soft Groove Gap Waveguide Based on Perpendicularly Stacked Corrugated Metal Plates. IEEE Transactions on Microwave Theory and Techniques, 2021, 69, 3684-3692.	4.6	9
53	Investigation of effects of plasma sheath on antenna radiation based on ray tracing method. AIP Advances, 2021, 11, .	1.3	3
54	Influence of dusty plasma on antenna radiation. Physics of Plasmas, 2021, 28, 083701.	1.9	3

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55	Transmission rate Optimization by dynamic resource allocation algorithm for RF/VLC heterogeneous networks. Optics Express, 2021, 29, 32778.	3.4	2
56	Wideband Single-Layer Substrate Integrated Waveguide Filtering Antenna With U-Shaped Slots. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1726-1730.	4.0	26
57	Reducing orbital angular momentum modes crosstalk of Bessel Gaussian beams in anisotropic atmospheric turbulence with Localized Wave. Optik, 2021, 248, 167995.	2.9	1
58	Frequency controlled beam scanning characteristic realized using a compact slow wave transmission line. Applied Optics, 2021, 60, 8466.	1.8	3
59	Simulation of ionospheric depletions produced by rocket exhaust restricted by the trajectory. Advances in Space Research, 2021, 68, 2855-2864.	2.6	4
60	Time-Domain Scattering Characteristics and Jamming Effectiveness in Corner Reflectors. IEEE Access, 2021, 9, 15696-15707.	4.2	8
61	Wideband <sc>air-filled</sc> ridge <sc>substrate-integrated</sc> waveguide. International Journal of RF and Microwave Computer-Aided Engineering, 2021, 31, e22558.	1.2	3
62	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
63	Spiral Spectrum of a Laguerre-Gaussian Beam Propagating in Anisotropic Turbulent Plasma. IEEE Photonics Journal, 2021, 13, 1-10.	2.0	4
64	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
65	Hybrid PO-SBR-PTD method for composite scattering of a vehicle target on the ground. Applied Optics, 2021, 60, 179.	1.8	11
66	Doppler Spectrum Analysis of Hypersonic Vehicle Based on Dynamic RCS. , 2021, , .		0
67	Radar Cross Section Evaluation of Chaff Cloud by Pulse Based Method of Moment. , 2021, , .		0
68	Electromagnetic Scattering Analysis of the Sea Surface with Single Breaking Waves. International Journal of Antennas and Propagation, 2021, 2021, 1-13.	1.2	0
69	A Based Time-frequency Analysis Method for Selecting a Time-window of Low Noise. , 2021, , .		0
70	Investigation on SAR Image of Target on Rough Surface. , 2021, , .		1
71	Terrain Modeling of Virtual Asteroids based on Poisson Faulting and its Electromagnetic Scattering. , 2021, , .		0
72	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

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73	Simulation of plasma instabilities artificially induced in the equatorial ionosphere. <i>Physics of Plasmas</i> , 2020, 27, 092902.	1.9	4
74	Bandwidth and gain improvements of <sc>low-profile H-shaped</sc> microstrip patch antenna under <sc>quadruple-mode</sc> resonance. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2020, 30, e22372.	1.2	2
75	ISAR Image Algorithm Using Time-Domain Scattering Echo Simulated by TDPO Method. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020, 19, 1331-1335.	4.0	8
76	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
77	Measurement of the Scattering Matrix and Extinction Coefficient of the Chaff Corridor. <i>IEEE Access</i> , 2020, 8, 206755-206769.	4.2	2
78	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
79	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
80	Substrate Integrated Waveguide Filtering Horn Antenna Facilitated by Embedded Via-Hole Arrays. <i>IEEE Antennas and Wireless Propagation Letters</i> , 2020, 19, 1187-1191.	4.0	26
81	Slow-Wave Substrate Integrated Groove Gap Waveguide. <i>IEEE Microwave and Wireless Components Letters</i> , 2020, 30, 461-464.	3.2	6
82	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
83	Bandwidth Enhancement of an Antipodal Vivaldi Antenna Facilitated by Double-Ridged Substrate-Integrated Waveguide. <i>IEEE Transactions on Antennas and Propagation</i> , 2020, 68, 8192-8196.	5.1	13
84	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
85	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
86	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
87	An Accelerated Algorithm Based on GO-PO/PTD and CWMFSM for EM Scattering From the Ship Over a Sea Surface and SAR Image Formation. <i>IEEE Transactions on Antennas and Propagation</i> , 2020, 68, 3934-3944.	5.1	22
88	Compact Dual-Band Inverted-Microstrip Ridge Gap Waveguide Bandpass Filter. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2020, 68, 2625-2632.	4.6	15
89	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
90	Effect of Plasma Sheath Velocity on Propagation of Electromagnetic Waves. <i>IEEE Access</i> , 2020, 8, 76158-76162.	4.2	1

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91	Research on the propagation properties of THz circularly polarized wave in BGK model inhomogeneous dusty plasma. <i>Physics of Plasmas</i> , 2020, 27, .	1.9	9
92	ABER performance investigation of LDPC-coded multi-hop parallel underwater wireless optical communication system. <i>Applied Optics</i> , 2020, 59, 1353.	1.8	6
93	A Wireless Outdoor Fingerprint Locating Method Based on Ray-tracing Model. , 2020, , .		3
94	A Measured-data-based Optimization Method for Radio Propagation Path Prediction. , 2020, , .		0
95	Aerosol scattering of vortex beams transmission in hazy atmosphere. <i>Optics Express</i> , 2020, 28, 28072.	3.4	8
96	Investigation on the Electromagnetic Scattering from The Chaff Cloud in Airflow with VRT. , 2020, , .		1
97	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
98	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
99	Parallel Monte Carlo simulation algorithm for the spectral reflectance and transmittance of the wind-generated bubble layers in the upper ocean using CUDA. <i>Optics Express</i> , 2020, 28, 33538.	3.4	2
100	Multiband antenna for mobile terminals. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2019, 29, e21925.	1.2	5
101	GPR Echo Analysis of Compound Scattering of Underground Rough Surface and Multiple Objects. , 2019, , .		0
102	Electromagnetic Transmission Calculation in Single Room. , 2019, , .		0
103	EM Waves Propagation Characteristics Based on Modified Dielectric Constant Model in Nonuniform Weakly Ionized Dusty Plasma. <i>IEEE Transactions on Plasma Science</i> , 2019, 47, 3978-3985.	1.3	9
104	Downshifted peak features of stimulated electromagnetic emissions during a two-pump wave heating experiment. <i>Advances in Space Research</i> , 2019, 64, 1358-1364.	2.6	0
105	The Study on Near-Field Scattering of a Target Under Antenna Irradiation by TDSBR Method. <i>IEEE Access</i> , 2019, 7, 113476-113487.	4.2	15
106	A Fast Ray-tracing Algorithm for Rugged Terrain. , 2019, , .		3
107	Research on the Propagation Characteristics of THz Waves in Spatial Inhomogeneous and Time-Varying and Weakly Ionized Dusty Plasma. <i>IEEE Transactions on Plasma Science</i> , 2019, 47, 4745-4752.	1.3	19
108	Gap Waveguide With Interdigital-Pin Bed of Nails for High-Frequency Applications. <i>IEEE Transactions on Microwave Theory and Techniques</i> , 2019, 67, 2640-2648.	4.6	37

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109	A compact dual-band filtering antenna for wireless local area network applications. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21822.	1.2	7
110	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
111	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
112	Hybrid Time-Domain PTD and Physical Optics Contour Integral Representations for the Near-Field Backscattering Problem. IEEE Transactions on Antennas and Propagation, 2019, 67, 2655-2665.	5.1	10
113	Oblique absorption effects of the D region during HF waves heating. Journal of Atmospheric and Solar-Terrestrial Physics, 2019, 186, 28-34.	1.6	0
114	Confined electrochemical catalysis under cover: Enhanced CO ₂ reduction at the interface between graphdiyne and Cu surface. Applied Surface Science, 2019, 479, 685-692.	6.1	16
115	Application of Compressive Sensing in Solving Monostatic Scattering Problems. International Journal of Antennas and Propagation, 2019, 2019, 1-7.	1.2	1
116	Fabrication of graphene-like carbon films on 6H-SiC substrates via chlorination-annealing at low temperature. AIP Advances, 2019, 9, 025205.	1.3	0
117	Evaluation of Efficient Dielectric Constants of Chaff Corridor in Submillimeter Band. , 2019, , .		3
118	A Fast Ray-tracing-based Algorithm for Very Low Frequency Radio Propagation. , 2019, , .		1
119	Study of Coupling Scattering from Targets and the Rough Surface Based on the Efficient Numerical Scheme. , 2019, , .		0
120	Fast Simulations of Electromagnetic Scattering From One-Dimensional Rough Surface Over a Frequency Band Using Hybrid AMC/BFM-Maehly Method. IEEE Access, 2019, 7, 184622-184628.	4.2	0
121	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
122	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
123	Evolution of linear edge dislocation in atmospheric turbulence and free space. Journal of Modern Optics, 2019, 66, 17-25.	1.3	5
124	Novel broadband bow-tie antenna with high-gain performance using electromagnetic coupling feed. International Journal of RF and Microwave Computer-Aided Engineering, 2019, 29, e21478.	1.2	4
125	B-scan wave outline analysis in numerical modeling of ground-penetrating radar response from layered rough interfaces. Microwave and Optical Technology Letters, 2019, 61, 832-837.	1.4	2
126	Indoor three-dimensional high-precision positioning system with bat algorithm based on visible light communication. Applied Optics, 2019, 58, 2226.	1.8	21

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127	Average capacity of a UWOC system with partially coherent Gaussian beams propagating in weak oceanic turbulence. <i>Journal of the Optical Society of America A: Optics and Image Science, and Vision</i> , 2019, 36, 1463.	1.5	22
128	Electromagnetic scattering characteristics of foil in hypersonic plasma turbulence. <i>IET Microwaves, Antennas and Propagation</i> , 2019, 13, 2575-2579.	1.4	2
129	Novel wide-beam cross-dipole CP antenna for GNSS applications. <i>International Journal of RF and Microwave Computer-Aided Engineering</i> , 2018, 28, e21272.	1.2	11
130	A Bi-Iterative Model for Electromagnetic Scattering From a PEC Object Partially Buried in Rough Sea Surface. <i>IEEE Geoscience and Remote Sensing Letters</i> , 2018, 15, 493-497.	3.1	5
131	An EM model for radar multipath simulation and HRRP analysis of low altitude target above electrically large composite scale rough surface. <i>Electromagnetics</i> , 2018, 38, 177-188.	0.7	3
132	A dual-band MIMO antenna decoupled by a meandering line resonator for WLAN applications. <i>Microwave and Optical Technology Letters</i> , 2018, 60, 759-765.	1.4	29
133	Propagation characteristics of electromagnetic waves in dusty plasma with full ionization. <i>Physics of Plasmas</i> , 2018, 25, .	1.9	27
134	Electromagnetic scattering of coated objects over sea surface based on SBR-SDFSM. <i>Journal of Electromagnetic Waves and Applications</i> , 2018, 32, 1079-1092.	1.6	7
135	Combining CS With FEKO for Fast Target Characteristic Acquisition. <i>IEEE Transactions on Antennas and Propagation</i> , 2018, 66, 2494-2504.	5.1	6
136	A hybrid IEM-PO method for composite scattering from a PEC object above a dielectric sea surface with large windspeed: HH polarization. <i>Waves in Random and Complex Media</i> , 2018, 28, 630-642.	2.7	3
137	FDTD Investigation on the Detection of Ground Rough Surface in GPR Modelling. , 2018, , .		1
138	The Variation Characteristics of the Spread-F Occurrences at Chongqing in China. , 2018, , .		0
139	Calculation of the Extinction Coefficient of Dipoles Cloud. , 2018, , .		1
140	Temperature-dependent characterizations on parasitic capacitance of tapered through silicon via (T-TSV). <i>IEICE Electronics Express</i> , 2018, 15, 20180878-20180878.	0.8	2
141	The Near-Field Scattering of Chaff Cloud. , 2018, , .		3
142	Influence of Plasma Sheath on Radiation Characteristics of Antenna Based on Ray Tracing Method. , 2018, , .		0
143	Analysis of the electromagnetic scattering characteristics in two-dimensional time-varying and spatially non-uniform plasma sheath. <i>Physics of Plasmas</i> , 2018, 25, .	1.9	11
144	Ten-Element MIMO antenna for 5G terminals. <i>Microwave and Optical Technology Letters</i> , 2018, 60, 3045-3049.	1.4	44

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145	An Accelerated SBR for EM Scattering From the Electrically Large Complex Objects. IEEE Antennas and Wireless Propagation Letters, 2018, 17, 2294-2298.	4.0	22
146	A novel hybrid sp-sp ² metallic carbon allotrope. Frontiers of Physics, 2018, 13, 1.	5.0	36
147	Parabolic Equation Modeling of Propagation over Terrain Using Digital Elevation Model. International Journal of Antennas and Propagation, 2018, 2018, 1-6.	1.2	1
148	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
149	Average intensity and spreading of a radially polarized multi-Gaussian Schell-model beam in anisotropic turbulence. Journal of Quantitative Spectroscopy and Radiative Transfer, 2018, 218, 12-20.	2.3	14
150	Compact multiband antenna for mobile terminal applications. Microwave and Optical Technology Letters, 2018, 60, 1691-1696.	1.4	9
151	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
152	Simulation Analysis and Experimental Study on the Echo Characteristics of High-Frequency Hybrid Sky-Wave Surface Wave Propagation Mode. IEEE Transactions on Antennas and Propagation, 2018, 66, 4821-4831.	5.1	10
153	Scattering characteristics of electromagnetic waves in time and space inhomogeneous weakly ionized dusty plasma sheath. Physics of Plasmas, 2018, 25, .	1.9	30
154	PO calculation for reduction in radar cross section of hypersonic targets using RAM. Physics of Plasmas, 2018, 25, .	1.9	10
155	Propagation of Electromagnetic Waves on a Relativistically Moving Nonuniform Plasma. IEEE Antennas and Wireless Propagation Letters, 2017, 16, 137-140.	4.0	15
156	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
157	Investigation of single- and double-hypernuclei using a beyond-mean-field approach. Physical Review C, 2017, 95, .	2.9	27
158	Fast Shadowing Computation for Physical Optics Integrals in Terms of Levin Method. IEEE Antennas and Wireless Propagation Letters, 2017, , 1-1.	4.0	2
159	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
160	Absorption of electromagnetic waves by a moving non-uniform plasma. Physics of Plasmas, 2017, 24, 042119.	1.9	7
161	Analysis of terahertz scattering from electrically large scatterer with NURBS modeling. Journal of Electromagnetic Waves and Applications, 2017, 31, 981-996.	1.6	2
162	Electromagnetic waves propagation in hypersonic turbulence using fractal phase screen method. Journal of Electromagnetic Waves and Applications, 2017, 31, 250-262.	1.6	7

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163	Research on the FDTD method of scattering effects of obliquely incident electromagnetic waves in time-varying plasma sheath on collision and plasma frequencies. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	24
164	Evaluation of Physical Optics Integrals From B-Spline Surfaces by Means of a Fast Locating Algorithm of Stationary Points. <i>IEEE Transactions on Antennas and Propagation</i> , 2017, 65, 1495-1499.	5.1	10
165	Weathering Sand and Dust Storms: Particle shapes, storm height, and elevation angle sensitivity for microwave propagation in earth-satellite links. <i>IEEE Antennas and Propagation Magazine</i> , 2017, 59, 58-65.	1.4	8
166	Attenuation characteristics of electromagnetic waves in a weak collisional and fully ionized dusty plasma. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	15
167	Simulation of scattering on a time-varying sea surface beneath which an internal solitary wave travels. <i>International Journal of Remote Sensing</i> , 2017, 38, 5251-5270.	2.9	3
168	The effect of the inhomogeneous collision frequency on the absorption of electromagnetic waves in a magnetized plasma. <i>Physics of Plasmas</i> , 2017, 24, .	1.9	14
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