

# Wei Yang

## List of Publications by Year in descending order

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24  
papers

190  
citations

1307594

7  
h-index

1125743

13  
g-index

24  
all docs

24  
docs citations

24  
times ranked

157  
citing authors

#	ARTICLE	IF	CITATIONS
1	Compact Multimode Monopole Antenna for Metal-Rimmed Mobile Phones. IEEE Transactions on Antennas and Propagation, 2017, 65, 2297-2304.	5.1	43
2	A Conformal Metamaterial-Based Optically Transparent Microwave Absorber With High Angular Stability. IEEE Antennas and Wireless Propagation Letters, 2021, 20, 1399-1403.	4.0	39
3	Novel Extension of SBR-PO Method for Solving Electrically Large and Complex Electromagnetic Scattering Problem in Half-Space. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 3931-3940.	6.3	27
4	Transparent and ultra-wideband metamaterial absorber using coupled hexagonal combined elements. Optics Express, 2021, 29, 29439.	3.4	17
5	Electromagnetic Modeling of Breaking Waves at Low Grazing Angles With Adaptive Higher Order Hierarchical Legendre Basis Functions. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 346-352.	6.3	16
6	A Diagonal Subspace-Based Optimization Method for Reconstruction of 2-D Isotropic and Uniaxial Anisotropic Dielectric Objects. IEEE Geoscience and Remote Sensing Letters, 2017, 14, 1318-1322.	3.1	8
7	Power Gain Pattern Synthesis of Array Antenna With Dynamic Range Ratio Restriction. IEEE Antennas and Wireless Propagation Letters, 2019, , 1-1.	4.0	8
8	Fast Fourier Transform Multilevel Fast Multipole Algorithm in Rough Ocean Surface Scattering. Electromagnetics, 2009, 29, 541-552.	0.7	6
9	Analytical scannable-shaped beam pattern synthesis via superposition principle. IET Microwaves, Antennas and Propagation, 2021, 15, 600-605.	1.4	5
10	Multipath scattering simulation and SAR analysis for a composite model. Microwave and Optical Technology Letters, 2015, 57, 1689-1695.	1.4	3
11	Evaluation on EM Scattering Properties From a Wind Farm by an Efficient High-Frequency Method. IEEE Access, 2018, 6, 32425-32429.	4.2	3
12	A Bi-Iteration Model for Electromagnetic Scattering from a 3D Object above a 2D Rough Surface. Electromagnetics, 2015, 35, 190-204.	0.7	2
13	Numerical Simulation of Synthetic Aperture Radar Images for Ocean Oil Spill Pollution. Electromagnetics, 2016, 36, 32-43.	0.7	2
14	An Efficient High-Frequency Method to Compute EM Scattering of a Target on Rough Surface. Frequenz, 2018, 72, 385-390.	0.9	2
15	Analysis of Near-Field Scattering Characteristics Based on High-Frequency Method. , 2020, , .		2
16	Study of a Ka-band Helix TWT with Semi-Metallic Rod. , 2020, , .		2
17	The KA-MLFMA hybrid algorithm for analyzing the electromagnetic scattering from a 3-D target over random rough surface. , 2010, , .		1
18	A diagonalized improved subspace-based optimization method for solving 2-D inverse scattering problems. Microwave and Optical Technology Letters, 2017, 59, 2089-2095.	1.4	1

#	ARTICLE	IF	CITATIONS
19	An efficient high-frequency method of the EM near-field scattering from an electrically large target. Frequenz, 2021, .	0.9	1
20	An Effective High-Frequency Method for the Near-Field Scattering From an Electrically Large Ship Illuminated by a Hertzian Dipole. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	1
21	An Optically Transparent Broadband High-efficiency Microwave Absorber Using Standing-up Circular Split Rings. , 2021, , .		1
22	Wireless Synchronized UWB TDoA Positioning System based on IEEE 802.15.4z. , 2021, , .		0
23	Near-field Scattering of a Ship Based on Equivalent Radiation Model of Antenna. , 2021, , .		0
24	A Flexible Ultra-Bandwidth Non-Uniform Periodic Absorbing Structure. , 2020, , .		0