Chao Liu

List of Publications by Year
in descending order

17 papers	**197** citations	1464605 **7** h-index	1255698 **13** g-index
17 all docs	**17** docs citations	**17** times ranked	**158** citing authors

#	Article	IF	Citations
1	Switchable design of a frequency reconfigurable broadband whip antenna in high frequency. International Journal of Microwave and Wireless Technologies, 2021, 13, 454-462.	1.5	3
2	Deep Hash Learning for Remote Sensing Image Retrieval. IEEE Transactions on Geoscience and Remote Sensing, 2021, 59, 3420-3443.	2.7	71
3	Optimal Pattern Synthesis of Linear Array and Broadband Design of Whip Antenna Using Grasshopper Optimization Algorithm. International Journal of Antennas and Propagation, 2020, 2020, 1-14.	0.7	15
4	Gainâ€improved VHF broadband whip antenna loaded with radiation blades. IET Microwaves, Antennas and Propagation, 2020, 14, 1446-1454.	0.7	3
5	Numerical calculation of the loss resistance of VLF monopole antennas using the equivalent conductivity of the ground plane. Journal of Physics: Conference Series, 2019, 1176, 062061.	0.3	0
6	Chaotic Adaptive Butterfly Mating Optimization and Its Applications in Synthesis and Structure Optimization of Antenna Arrays. International Journal of Antennas and Propagation, 2019, 2019, 1-14.	0.7	10
7	SPATIAL POWER COMBINING OF VLF UMBRELLA ANTENNA ARRAYS WITH MULTI-DELAY LINES. Progress in Electromagnetics Research C, 2018, 80, 79-87.	0.6	2
8	A MOMENT-BASED STUDY ON THE IMPEDANCE EFFECT OF MUTUAL COUPLING FOR VLF UMBRELLA ANTENNA ARRAYS. Progress in Electromagnetics Research C, 2017, 76, 75-86.	0.6	4
9	A NOVEL BINARY BUTTERFLY MATING OPTIMIZATION ALGORITHM WITH SUBARRAY STRATEGY FOR THINNING OF LARGE ANTENNA ARRAY. Progress in Electromagnetics Research M, 2017, 60, 101-110.	0.5	7
10	Comprehensive structural analysis and optimization of the electrostatic forming membrane reflector deployable antenna. Aerospace Science and Technology, 2016, 53, 267-279.	2.5	33
11	Optimization design combined with coupled structuralâ€"electrostatic analysis for the electrostatically controlled deployable membrane reflector. Acta Astronautica, 2015, 106, 90-100.	1.7	13
12	Pattern Synthesis of Planar Nonuniform Circular Antenna Arrays Using a Chaotic Adaptive Invasive Weed Optimization Algorithm. Mathematical Problems in Engineering, 2014, 2014, 1-13.	0.6	7
13	Calculation on characteristics of VLF umbrella inverted-cone transmitting antenna. , 2014, , .		3
14	PLANAR ARRAY SYNTHESIS WITH SIDELOBE REDUCTION AND NULL CONTROL USING INVASIVE WEED OPTIMIZATION. Progress in Electromagnetics Research M, 2013, 33, 83-94.	0.5	3
15	Hybrid immune algorithm with Lamarckian local search for multi-objective optimization. Memetic Computing, 2010, 2, 47-67.	2.7	22
16	A Closed-Form Solution for ELF Radiated Fields of a Line-Current Antenna in Earth-Ionosphere Waveguide. , 2009, , .		1
17	Influence of Inhomogeneous Anisotropic Ground Conductivity upon the Directivity of ELF Line-Current Antenna. Applied Mechanics and Materials, 0, 548-549, 725-729.	0.2	0