Hui Ran Zeng

List of Publications by Year
in descending order

13 papers	58 citations	1684188 5 h-index	1588992 8 g-index
13 all docs	13 docs citations	13 times ranked	27 citing authors

#	Article	IF	Citations
1	VLF Current Distribution and Input Impedance of an Arbitrarily Oriented Linear Antenna in a Cold Plasma. IEEE Access, 2019, 7, 80861-80869.	4.2	14
2	Current Distribution and Input Impedance of an Insulated Linear Antenna in an Anisotropic Plasma. IEEE Transactions on Antennas and Propagation, 2020, 68, 2541-2549.	5.1	13
3	Effect of Induced Electromotive Force on a VLF Linear Antenna in an Anisotropic Plasma. IEEE Transactions on Antennas and Propagation, 2021, 69, 1345-1354.	5.1	7
4	Mutual Coupling Effect on Arbitrarily Oriented VLF Circular Antenna Array in Ionospheric Plasma. IEEE Transactions on Antennas and Propagation, 2021, 69, 7551-7561.	5.1	7
5	Theory of a VLF Strip Antenna Located in an Anisotropic Plasma. IEEE Transactions on Antennas and Propagation, 2021, 69, 5356-5364.	5.1	5
6	VLF Near-Field Excited by an Arbitrarily Oriented Electric Dipole in a Magnetized Plasma. IEEE Access, 2021, 9, 78902-78914.	4.2	4
7	Mode Theory and Propagation of ELF Radio Wave in a Multilayered Oceanic Lithosphere Waveguide. IEEE Transactions on Antennas and Propagation, 2021, 69, 5870-5880.	5.1	4
8	Current Distribution and Input Impedance of a VLF Tubular Antenna in a Cold Plasma. IEEE Access, 2020, 8, 135347-135356.	4.2	3
9	Current Distribution and Input Impedance of a Horizontal Linear Antenna in the Presence of a Layered Region. IEEE Access, 2019, 7, 84033-84039.	4.2	1
10	The VLF field generated by a loop antenna in the ionosphere. , 2018, , .		0
11	Transient Field of a Horizontal Electric Dipole Excited by Delta-function above an Anisotropic Dielectric Layer. , 2019, , .		0
12	Theory of Arbitrarily Oriented VLF Linear Antennas With Lumped Loadings in Ionospheric Plasma. IEEE Transactions on Antennas and Propagation, 2022, 70, 7124-7129.	5.1	0
13	An Arbitrarily Multi-Feed VLF Linear Antenna in an Anisotropic Plasma. IEEE Transactions on Plasma Science, 2022, 50, 3210-3219.	1.3	0