Hanming Wang

List of Publications by Year
in descending order

12 papers	128 citations	1684188 5 h-index	1588992 8 g-index
12 all docs	12 docs citations	12 times ranked	97 citing authors

#	Article	IF	Citations
1	A Hybrid Loop-Tree FEBI Method for Low-Frequency Well Logging of 3-D Structures in Layered Media. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-9.	6.3	2
2	2D inversion of ultradeep electromagnetic logging measurements for look-ahead applications. Interpretation, 2022, 10, T393-T402.	1.1	1
3	Surface Integral Equations for Low-Frequency Simulation in Well Logging Applications. IEEE Transactions on Antennas and Propagation, 2021, 69, 3957-3965.	5.1	3
4	Inversion and uncertainty assessment of ultra-deep azimuthal resistivity logging-while-drilling measurements using particle swarm optimization. Journal of Applied Geophysics, 2020, 178, 104059.	2.1	13
5	Electromagnetic rock properties' characterization and modeling using 3D micro-CT rock images. Journal of Electromagnetic Waves and Applications, 2020, 34, 1073-1089.	1.6	1
6	Thin Dielectric Sheet-Based Surface Integral Equation for the Scattering Simulation of Fractures in a Layered Medium. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 7606-7612.	6.3	8
7	Efficient Computation of Green's Functions for Lossy Uniaxial Anisotropic Layered Media. Radio Science, 2019, 54, 196-214.	1.6	8
8	Efficient and Accurate Electromagnetic Modeling of Triaxial Induction Responses From Multiscale Fractures for Well-Logging Applications. IEEE Journal on Multiscale and Multiphysics Computational Techniques, 2019, 4, 20-28.	2.2	12
9	Accelerated Computation of Triaxial Induction Tool Response for Arbitrarily Deviated Wells in Planar-Stratified Transversely Isotropic Formations. IEEE Geoscience and Remote Sensing Letters, 2018, 15, 902-906.	3.1	15
10	A Finite-Difference-Based Multiscale Approach for Electromagnetic Digital Rock Modeling. IEEE Journal on Multiscale and Multiphysics Computational Techniques, 2018, 3, 66-73.	2.2	2
11	Determining Anisotropic Formation Resistivity at Any Relative Dip Using a Multiarray Triaxial Induction Tool. , 2006, , .		29
12	Triaxial Induction Logging: Theory, Modeling, Inversion, and Interpretation. , 2006, , .		34