

Satoshi Ebihara

List of Publications by Year in descending order

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papers

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all docs

20
docs citations

20
times ranked

51
citing authors

#	ARTICLE	IF	CITATIONS
1	HE_{11} Mode Effect on Direct Wave in Single-Hole Borehole Radar. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 854-867.	6.3	33
2	Analysis of Eccentered Dipole Antenna for Borehole Radar. IEEE Transactions on Geoscience and Remote Sensing, 2009, 47, 1073-1088.	6.3	29
3	MoM Analysis of Dipole Antennas in Crosshole Borehole Radar and Field Experiments. IEEE Transactions on Geoscience and Remote Sensing, 2007, 45, 2435-2450.	6.3	26
4	Coaxial-Fed Circular Dipole Array Antenna With Ferrite Loading for Thin Directional Borehole Radar Sonde. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 1842-1854.	6.3	24
5	Estimating the 3D position and inclination of a planar interface with a directional borehole radar. Near Surface Geophysics, 2013, 11, 185-196.	1.2	23
6	Interference Criterion for Coaxial-Fed Circular Dipole Array Antenna in a Borehole. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 3510-3526.	6.3	20
7	Improved Discrimination of Subsurface Targets Using a Polarization-Sensitive Directional Borehole Radar. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 6429-6443.	6.3	12
8	Consideration of Oblique Incidence in 3-D Imaging of a Planar Interface With a Circular Dipole Array in an Air-Filled Borehole. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2020, 13, 3711-3722.	4.9	9
9	Arrival Times of Plane Waves Obliquely Incident on a Dipole Array Antenna in a Borehole. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 3273-3286.	6.3	7
10	Singlehole borehole radar measurement with a thin directional borehole radar sonde. , 2013, , .		5
11	Singlehole borehole rader measurement using dipole array antenna fed by coaxial cable. , 2010, , .		3
12	Influence of feed line on DOA estimation with dipole array antenna for directional borehole radar. , 2010, , .		2
13	3-D imaging of faults with directional borehole radar. , 2011, , .		2
14	Effect of ferrite beads on reduction of resonance of thin conducting cylinder in a water-filled borehole. , 2012, , .		2
15	Plane Wave Arrival Time Studies with a Dipole Array Antenna in a Borehole. , 2018, , .		2
16	Loop Array Antenna in a Borehole for Directivity to a Horizontally Polarized Wave. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-10.	6.3	2
17	Influence of HE_{11} mode on direct wave in singlehole borehole radar. , 2010, , .		1
18	Analysis of a direct wave in directional borehole radar with a circular dipole array antenna. , 2012, , .		1

#	ARTICLE	IF	CITATIONS
19	Estimation of the direction of an object by directional borehole radar with dipole array for a transmitter and a receiver. , 2021, , .		1
20	Measurement of wave polarization scattered by a cylindrical conductor with a dipole and loop array borehole radar. , 2021, , .		1