Kung-Hau Ding

List of Publications by Year
in descending order

22	1,673	759233 12	940533 16
papers	citations	h-index	g-index

23	23	23	1225
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Scattering and emission models for microwave remote sensing of snow using numerical solutions of maxwell equations. , 2016, , .		3
2	Microwave Scattering and Medium Characterization for Terrestrial Snow With QCAâ€“Mie and Bicontinuous Models: Comparison Studies. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 3637-3648.	6.3	24
3	Studies of the influence of deep subwavelength surface roughness on fields of plasmonic thin film based on Lippmannâ€“Schwinger equation in the spectral domain. Journal of the Optical Society of America B: Optical Physics, 2015, 32, 878.	2.1	4
4	Optical imaging over a plasmonic thin film with deep-subwavelength surface roughness. , 2014, , .		0
5	Radiation, Volume Scattering. Encyclopedia of Earth Sciences Series, 2014, , 595-606.	0.1	0
6	Electromagnetic Computation in Scattering of Electromagnetic Waves by Random Rough Surface and Dense Media in Microwave Remote Sensing of Land Surfaces. Proceedings of the IEEE, 2013, 101, 255-279.	21.3	62
7	Subwavelength imaging enhancement through a three-dimensional plasmon superlens with rough surface. Optics Letters, 2012, 37, 1295.	3.3	21
8	Image enhancement for flat and rough film plasmon superlenses by adding loss. Journal of the Optical Society of America B: Optical Physics, 2011, 28, 2499.	2.1	14
9	Electromagnetic Scattering by Bicontinuous Random Microstructures With Discrete Permittivities. IEEE Transactions on Geoscience and Remote Sensing, 2010, 48, 3139-3151.	6.3	81
10	Multiple Scattering of Waves by Random Distribution of Particles for Applications in Light Scattering by Metal Nanoparticles. Nanostructure Science and Technology, 2007, , 341-370.	0.1	1
11	A sparse matrix iterative approach for modeling tree scattering. Microwave and Optical Technology Letters, 2003, 38, 198-202.	1.4	3
12	Microwave emission and scattering of foam based on monte carlo simulations of dense media. IEEE Transactions on Geoscience and Remote Sensing, 2003, 41, 782-790.	6.3	45
13	Frequency dependence of scattering and extinction of dense media based on three-dimensional simulations of Maxwell's equations with applications to snow. IEEE Transactions on Geoscience and Remote Sensing, 2003, 41, 1844-1852.	6.3	36
14	Frequency dependence of scattering by dense media of small particles based on Monte Carlo simulation of Maxwell equations. IEEE Transactions on Geoscience and Remote Sensing, 2002, 40, 153-161.	6.3	8
15	Dense media radiative transfer theory based on quasicrystalline approximation with applications to passive microwave remote sensing of snow. Radio Science, 2000, 35, 731-749.	1.6	195
16	Thin saline ice thickness retrieval using time-series C-band polarimetric radar measurements. IEEE Transactions on Geoscience and Remote Sensing, 1998, 36, 1589-1598.	6.3	20
17	Forward electromagnetic scattering models for sea ice. IEEE Transactions on Geoscience and Remote Sensing, 1998, 36, 1655-1674.	6.3	43
18	Inverse electromagnetic scattering models for sea ice. IEEE Transactions on Geoscience and Remote Sensing, 1998, 36, 1675-1704.	6.3	42

#	Article	IF	Citations
19	Rice crop mapping and monitoring using ERS-1 data based on experiment and modeling results. IEEE Transactions on Geoscience and Remote Sensing, 1997, 35, 41-56.	6.3	484
20	Multiple Volume Scattering Effects In Microwave Polarimetric Remote Sensing. , 1989, , .		0
21	Theory And Application Of Dense Media Radiative Transfer Equation To Volume Scattering Problems In Microwave Remote Sensing. , 0, , .		0
22	Computational Electromagnetic Scattering Models for Microwave Remote Sensing. , 0, , .		0