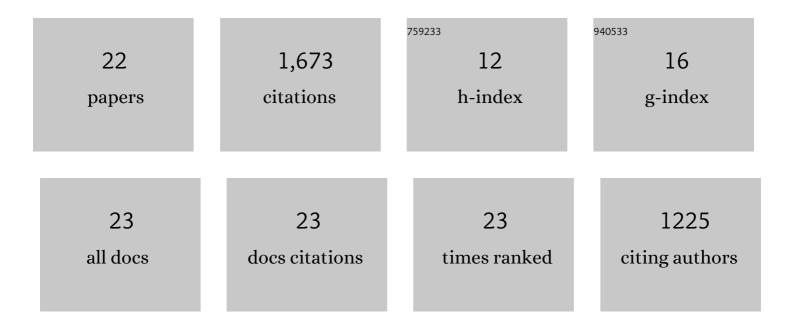
## Kung-Hau Ding

List of Publications by Year in descending order

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KUNC-HAU DINC

| #  | Article   | IF   | CITATIONS |
|----|---|------|-----------|
| 1  | Rice crop mapping and monitoring using ERS-1 data based on experiment and modeling results. IEEE<br>Transactions on Geoscience and Remote Sensing, 1997, 35, 41-56.   | 6.3  | 484       |
| 2  | 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       |
| 3  | Electromagnetic Scattering by Bicontinuous Random Microstructures With Discrete Permittivities.<br>IEEE Transactions on Geoscience and Remote Sensing, 2010, 48, 3139-3151.   | 6.3  | 81        |
| 4  | Electromagnetic Computation in Scattering of Electromagnetic Waves by Random Rough Surface and<br>Dense Media in Microwave Remote Sensing of Land Surfaces. Proceedings of the IEEE, 2013, 101, 255-279.  | 21.3 | 62        |
| 5  | Microwave emission and scattering of foam based on monte carlo simulations of dense media. IEEE<br>Transactions on Geoscience and Remote Sensing, 2003, 41, 782-790.  | 6.3  | 45        |
| 6  | Forward electromagnetic scattering models for sea ice. IEEE Transactions on Geoscience and Remote Sensing, 1998, 36, 1655-1674.   | 6.3  | 43        |
| 7  | Inverse electromagnetic scattering models for sea ice. IEEE Transactions on Geoscience and Remote Sensing, 1998, 36, 1675-1704.   | 6.3  | 42        |
| 8  | Frequency dependence of scattering and extinction of dense media based on three-dimensional<br>simulations of Maxwell's equations with applications to snow. IEEE Transactions on Geoscience and<br>Remote Sensing, 2003, 41, 1844-1852.          | 6.3  | 36        |
| 9  | Microwave Scattering and Medium Characterization for Terrestrial Snow With QCA–Mie and<br>Bicontinuous Models: Comparison Studies. IEEE Transactions on Geoscience and Remote Sensing, 2016,<br>54, 3637-3648.                                    | 6.3  | 24        |
| 10 | Subwavelength imaging enhancement through a three-dimensional plasmon superlens with rough surface. Optics Letters, 2012, 37, 1295.   | 3.3  | 21        |
| 11 | Thin saline ice thickness retrieval using time-series C-band polarimetric radar measurements. IEEE<br>Transactions on Geoscience and Remote Sensing, 1998, 36, 1589-1598.   | 6.3  | 20        |
| 12 | Image enhancement for flat and rough film plasmon superlenses by adding loss. Journal of the Optical<br>Society of America B: Optical Physics, 2011, 28, 2499.  | 2.1  | 14        |
| 13 | Frequency dependence of scattering by dense media of small particles based on Monte Carlo<br>simulation of Maxwell equations. IEEE Transactions on Geoscience and Remote Sensing, 2002, 40,<br>153-161.   | 6.3  | 8         |
| 14 | Studies of the influence of deep subwavelength surface roughness on fields of plasmonic thin film<br>based on Lippmann–Schwinger equation in the spectral domain. Journal of the Optical Society of<br>America B: Optical Physics, 2015, 32, 878. | 2.1  | 4         |
| 15 | A sparse matrix iterative approach for modeling tree scattering. Microwave and Optical Technology<br>Letters, 2003, 38, 198-202.  | 1.4  | 3         |
| 16 | Scattering and emission models for microwave remote sensing of snow using numerical solutions of maxwell equations. , 2016, , .   |      | 3         |
| 17 | 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         |
| 18 | Theory And Application Of Dense Media Radiative Transfer Equation To Volume Scattering Problems In<br>Microwave Remote Sensing. , 0, , .  |      | 0         |

| #  | Article   | IF  | CITATIONS |
|----|---|-----|-----------|
| 19 | Multiple Volume Scattering Effects In Microwave Polarimetric Remote Sensing. , 1989, , .          |     | Ο         |
| 20 | Optical imaging over a plasmonic thin film with deep-subwavelength surface roughness. , 2014, , . |     | 0         |
| 21 | Computational Electromagnetic Scattering Models for Microwave Remote Sensing. , 0, , .            |     | Ο         |
| 22 | Radiation, Volume Scattering. Encyclopedia of Earth Sciences Series, 2014, , 595-606.             | 0.1 | 0         |