

# Xueyang Duan

## List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/2737867/publications.pdf>

Version: 2024-02-01

12  
papers

234  
citations

1478505

6  
h-index

1474206

9  
g-index

12  
all docs

12  
docs citations

12  
times ranked

327  
citing authors

#	ARTICLE	IF	CITATIONS
1	P-Band Radar Retrieval of Subsurface Soil Moisture Profile as a Second-Order Polynomial: First AirMOSS Results. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 645-658.	6.3	107
2	3-D Vector Electromagnetic Scattering From Arbitrary Random Rough Surfaces Using Stabilized Extended Boundary Condition Method for Remote Sensing of Soil Moisture. IEEE Transactions on Geoscience and Remote Sensing, 2012, 50, 87-103.	6.3	37
3	Coherent Scattering of Electromagnetic Waves From Two-Layer Rough Surfaces Within the Kirchhoff Regime. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 3943-3953.	6.3	32
4	Bistatic Vector 3-D Scattering From Layered Rough Surfaces Using Stabilized Extended Boundary Condition Method. IEEE Transactions on Geoscience and Remote Sensing, 2013, 51, 2722-2733.	6.3	24
5	Assessment and Validation of AirMOSS P-Band Root-Zone Soil Moisture Products. IEEE Transactions on Geoscience and Remote Sensing, 2020, 58, 6181-6196.	6.3	11
6	Full-Wave Electromagnetic Scattering From Rough Surfaces With Buried Inhomogeneities. IEEE Transactions on Geoscience and Remote Sensing, 2017, 55, 3338-3353.	6.3	10
7	Experimental Verification of the Recursive T-Matrix Method Solutions at Microwave Frequencies. IEEE Transactions on Antennas and Propagation, 2015, 63, 5727-5740.	5.1	4
8	Generalized Terrain Topography in Radar Scattering Models. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 3944-3952.	6.3	4
9	Airborne Microwave Observatory of Subcanopy and Subsurface radar retrieval of root zone soil moisture: Preliminary results. , 2013, , .		2
10	Coherent Microwave Scattering Model of Marsh Grass. Radio Science, 2017, 52, 1578-1595.	1.6	2
11	ADvances in radar forward and inverse scattering models of subsurface and subcanopy soil moisture and their role for the AirMOSS mission. , 2012, , .		1
12	DATAcube PARAMETRIZATION-BASED MODEL FOR ROUGH SURFACE POLARIMETRIC BISTATIC SCATTERING. Progress in Electromagnetics Research B, 2021, 90, 167-186.	1.0	0