

Murilo Teixeira Silva

List of Publications by Year in descending order

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13
papers

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citations

1937685

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13
docs citations

13
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36
citing authors

#	ARTICLE	IF	CITATIONS
1	High-Frequency Radar Cross Section of the Ocean Surface With Arbitrary Roughness Scales: A Generalized Functions Approach. IEEE Transactions on Antennas and Propagation, 2021, 69, 1643-1657.	5.1	9
2	High-Frequency Radar Cross Section of the Ocean Surface With Arbitrary Roughness Scales: Higher Order Corrections and General Form. IEEE Transactions on Antennas and Propagation, 2021, 69, 6723-6738.	5.1	2
3	Bistatic High-Frequency Radar Cross-Section of the Ocean Surface with Arbitrary Wave Heights. Remote Sensing, 2020, 12, 667.	4.0	5
4	Nonlinear Extraction of Directional Ocean Wave Spectrum From Synthetic Bistatic High-Frequency Surface Wave Radar Data. IEEE Journal of Oceanic Engineering, 2020, 45, 1004-1021.	3.8	7
5	HF Radar Cross-Section of Ocean Surfaces With Arbitrary Wave Heights. , 2020, , .		1
6	Second-Order Correction to the HF Radar Cross-Section of the Ocean Surface at Electromagnetically-High Sea States. , 2020, , .		1
7	Electromagnetic Scattering in Curvilinear Coordinates Using a Generalized Functions Method. Radio Science, 2019, 54, 1099-1111.	1.6	3
8	Filling Gaps in Wind Speed Data – A Neural Networks Approach. , 2018, , .		0
9	An Improved Nonlinear Extraction of Directional Ocean Wave Spectrum from Bistatic HF-SWR Using Tikhonov Regularization in Hilbert Scales. , 2018, , .		0
10	An Improved Estimation and Gap-Filling Technique for Sea Surface Wind Speeds Using NARX Neural Networks. Journal of Atmospheric and Oceanic Technology, 2018, 35, 1521-1532.	1.3	13
11	A new nonlinear approach to extraction of ocean wave spectra from bistatic Doppler HF-radar data. , 2017, , .		7
12	Feature Extraction of Structures in Sea Water Using Self-Organizing Maps and Electromagnetic Waves. TeMa, 2016, 16, 261.	0.1	0
13	Sea proximity influence over EM plane wave scattering using the finite element method. , 2014, , .		0