

Marta T Falconi

List of Publications by Year in descending order

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12
papers

81
citations

1937685
4
h-index

2272923
4
g-index

20
all docs

20
docs citations

20
times ranked

121
citing authors

#	ARTICLE	IF	CITATIONS
1	Weather Radar Data Processing and Atmospheric Applications: An Overview of Tools for Monitoring Clouds and Detecting Wind Shear. IEEE Signal Processing Magazine, 2019, 36, 85-97.	5.6	7
2	Snowfall retrieval at X, Ka and WAbands: consistency of backscattering and microphysical properties using BAECC ground-based measurements. Atmospheric Measurement Techniques, 2018, 11, 3059-3079.	3.1	32
3	Modeling the Forward-Scatter Cross Section of 3-Dimensional Objects by Means of the Shadow Contour Theorem: An Assessment. , 2018, , .		3
4	Interpretation of weather radar returns from single and distributed scatterers. , 2018, , .		0
5	Investigating the shadow radiation of 3-dimensional radar targets in the near field. , 2017, , .		6
6	Forward Scatter Radar for Air Surveillance: Characterizing the Target-Receiver Transition from Far-Field to Near-Field Regions. Remote Sensing, 2017, 9, 50.	4.0	16
7	Weather radar performance monitoring using a metallic-grid ground-scatterer. , 2017, , .		0
8	Monitoring by forward scatter radar techniques: an improved second-order analytical model. , 2017, , .		2
9	Bayesian statistical analysis of ground-clutter for the relative calibration of dual polarization weather radars. European Journal of Remote Sensing, 2016, 49, 933-953.	3.5	9
10	Forward scatter radar modeling: Effects of near field for canonical targets. , 2015, , .		2
11	C-band polarimetric weather radar calibration using a fuzzy logic fusion of three techniques. , 2015, , .		0
12	Analysis of canonical targets in near field for Forward Scatter Radar applications. , 2015, , .		3