

# Antonio Natale

## List of Publications by Year in descending order

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21  
papers

380  
citations

933447

10  
h-index

996975

15  
g-index

21  
all docs

21  
docs citations

21  
times ranked

377  
citing authors

#	ARTICLE	IF	CITATIONS
1	Gamma Gaussian Inverse Wishart Probability Hypothesis Density for Extended Target Tracking Using X-Band Marine Radar Data. IEEE Transactions on Geoscience and Remote Sensing, 2015, 53, 6617-6631.	6.3	103
2	Retrieval of Soil Surface Parameters via a Polarimetric Two-Scale Model. IEEE Transactions on Geoscience and Remote Sensing, 2011, 49, 2531-2547.	6.3	63
3	An X-Band Radar System for Bathymetry and Wave Field Analysis in a Harbour Area. Sensors, 2015, 15, 1691-1707.	3.8	36
4	Polarimetric Two-Scale Two-Component Model for the Retrieval of Soil Moisture Under Moderate Vegetation via L-Band SAR Data. IEEE Transactions on Geoscience and Remote Sensing, 2016, 54, 2470-2491.	6.3	36
5	Remocean System for the Detection of the Reflected Waves from the Costa Concordia Ship Wreck. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2014, 7, 3011-3018.	4.9	29
6	Polarimetric Two-Scale Model for Soil Moisture Retrieval via Dual-Pol HH-VV SAR Data. IEEE Journal of Selected Topics in Applied Earth Observations and Remote Sensing, 2013, 6, 1163-1171.	4.9	25
7	Kirchhoff Scattering From Fractal and Classical Rough Surfaces: Physical Interpretation. IEEE Transactions on Antennas and Propagation, 2013, 61, 2156-2163.	5.1	18
8	Normalized Scalar Product Approach for Nearshore Bathymetric Estimation From X-Band Radar Images: An Assessment Based on Simulated and Measured Data. IEEE Journal of Oceanic Engineering, 2018, 43, 221-237.	3.8	15
9	The ASI Integrated Sounder-SAR System Operating in the UHF-VHF Bands: First Results of the 2018 Helicopter-Borne Morocco Desert Campaign. Remote Sensing, 2019, 11, 1845.	4.0	14
10	Application of X-Band Wave Radar for Coastal Dynamic Analysis: Case Test of Bagnara Calabria (South) Tj ETQq0 0 Q rgBT /Overlock 10 T	1.1	11
11	COSMO-SkyMed AO projects - Use of high resolution SAR data for water resource management in semi arid regions. , 2012, , .		6
12	Estimating Nearshore Bathymetry from X-Band Radar Data. , 2015, , 265-280.		5
13	Sea State Observation through a Three-Antenna Hybrid XT/AT InSAR Configuration: A Preliminary Study Based on the InSAeS4 Airborne System. Remote Sensing, 2017, 9, 792.	4.0	4
14	Stochastic Theory of Edge Diffraction: Its Physical Reading. IEEE Transactions on Antennas and Propagation, 2010, 58, 4078-4081.	5.1	3
15	An SPM/PO-based Polarimetric Two-Scale Model. European Journal of Remote Sensing, 2012, 45, 167-176.	3.5	3
16	Soil moisture retrieval in moderately vegetated areas via a Polarimetric Two-Scale Model. , 2013, , .		3
17	Radiometric Imaging for Monitoring and Surveillance Issues. International Journal of Antennas and Propagation, 2013, 2013, 1-8.	1.2	3
18	Software Tool for Soil Surface Parameters Retrieval from Fully Polarimetric Remotely Sensed SAR Data. Sensors, 2020, 20, 5085.	3.8	2

#	ARTICLE	IF	CITATIONS
19	Retrieval of Soil Surface Parameters via Helicopter-Borne P-Band Polarimetric SAR Data Acquired Along Antiparallel Flight Tracks. , 2019, , .		1
20	Soil moisture retrieval via the Polarimetric Two-Scale Model and dual-pol SAR data. , 2012, , .		0
21	Slope-corrected vegetation-corrected polarimetric two-scale model for soil moisture retrieval. , 2014, , .		0