

Alberto Toccafondi

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

62
citations

2258059

3
h-index

2272923

4
g-index

15
all docs

15
docs citations

15
times ranked

67
citing authors

#	ARTICLE	IF	CITATIONS
1	Efficient Algorithm for the Evaluation of the Physical Optics Scattering by NURBS Surfaces With Relatively General Boundary Condition. IEEE Transactions on Antennas and Propagation, 2013, 61, 4194-4203.	5.1	28
2	Low-power UWB transmitter for RFID transponder applications. , 2012, , .		8
3	An Open-Resonator Sensor for Measuring the Dielectric Properties of Antarctic Ice. Sensors, 2019, 19, 2099.	3.8	5
4	Design and analysis of a compact antenna for UWB RFID applications. , 2012, , .		4
5	Accurate and efficient evaluation of fields radiated at arbitrary distances by numerically-defined currents residing on arbitrarily shaped objects. , 2010, , .		3
6	Implementation and Validation of a Retrieval Algorithm for Profiling of Water Vapor From Differential Attenuation Measurements at Microwaves. IEEE Transactions on Geoscience and Remote Sensing, 2019, 57, 5939-5948.	6.3	3
7	Integrated Water Vapor Estimation Through Microwave Propagation Measurements: First Experiment on a Ground-to-Ground Radio Link. IEEE Transactions on Geoscience and Remote Sensing, 2022, 60, 1-13.	6.3	3
8	Hybrid methods based on generalized scattering matrices. , 2011, , .		2
9	Target measurements influence on level crossing detection system safety assessment. , 2017, , .		2
10	Modeling and dielectric characterization of EMI/EMC ground test for the evaluation of the electric propulsion thruster emissions. , 2017, , .		1
11	Development and Application of Iterative PO to the Characterization of EMI/EMC Ground Test Facility for Electric Propulsion Thrusters. , 2018, , .		1
12	Characterization of EMI/EMC Ground Test Facility for Electric Propulsion Thrusters By Means of Iterative Physical Optics. , 2019, , .		1
13	UHF and L-Band Microwave Measurements of the Antarctic Firn-Layer Complex Permittivity Depth Profile. , 2020, , .		1
14	ITD formulation for the high-frequency scattering by moderately sized elliptic cylinders. , 2008, , .		0
15	Scattering matrix domain decomposition method formalized with different wave propagators. , 2012, , .		0