

Maria Antonia Maisto

List of Publications by Year in descending order

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Version: 2024-02-01

29
papers

397
citations

623734

14
h-index

752698

20
g-index

29
all docs

29
docs citations

29
times ranked

80
citing authors

#	ARTICLE	IF	CITATIONS
1	Spatial Sampling in Monostatic Radar Imaging. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	12
2	Sensor Arrangement in Through-the Wall Radar Imaging. IEEE Open Journal of Antennas and Propagation, 2022, 3, 333-341.	3.7	9
3	Spatial sensor arrangement in Through-the Wall radar imaging: Numerical results. , 2022, , .		1
4	Sensor Arrangement in Monostatic Subsurface Radar Imaging. IEEE Open Journal of Antennas and Propagation, 2021, 2, 3-13.	3.7	10
5	Scattered Far-Field Sampling in Multi-Static Multi-Frequency Configuration. Sensors, 2021, 21, 4724.	3.8	7
6	Near-Field <i>Transverse</i> Resolution in Planar Source Reconstructions. IEEE Transactions on Antennas and Propagation, 2021, 69, 4836-4845.	5.1	16
7	Efficient Planar Near-Field Measurements for Radiation Pattern Evaluation by a Warping Strategy. IEEE Access, 2021, 9, 62255-62265.	4.2	17
8	Near-Field Warping Sampling Scheme for Broad-Side Antenna Characterization. Electronics (Switzerland), 2020, 9, 1047.	3.1	15
9	Image-Based RCS Estimation from Near-Field Data. Journal of Imaging, 2019, 5, 61.	3.0	1
10	The Role of Diversity on Linear Scattering Operator: The Case of Strip Scatterers Observed under the Fresnel Approximation. Electronics (Switzerland), 2019, 8, 113.	3.1	2
11	Valid angle criterion and radiation pattern estimation via singular value decomposition for planar scanning. IET Microwaves, Antennas and Propagation, 2019, 13, 2342-2348.	1.4	12
12	Sampling approach for singular system computation of a radiation operator. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2019, 36, 353.	1.5	39
13	Resolution limits in inverse source problem for strip currents not in Fresnel zone. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2019, 36, 826.	1.5	27
14	Depth resolution in strip current reconstructions in near non-reactive zone. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2019, 36, 975.	1.5	20
15	Application of Inverse Source Reconstruction to Conformal Antennas Synthesis. IEEE Transactions on Antennas and Propagation, 2018, 66, 1436-1445.	5.1	37
16	On the Number of Independent Equations in Phase Retrieval Problem: Numerical Results in Circular Case. , 2018, , .		4
17	Optimal choice of measurement points in near field: numerical results. , 2018, , .		2
18	Source's symmetries and priors: the effect on information content of radiated field. , 2018, , .		1

#	ARTICLE	IF	CITATIONS
19	INFORMATION CONTENT IN INVERSE SOURCE WITH SYMMETRY AND SUPPORT PRIORS. Progress in Electromagnetics Research C, 2018, 80, 39-54.	0.9	22
20	INVERSE SOURCE OF CIRCUMFERENCE GEOMETRIES: SVD INVESTIGATION BASED ON FOURIER ANALYSIS. Progress in Electromagnetics Research M, 2018, 76, 217-230.	0.9	24
21	Inverse source in the near field: the case of a strip current. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2018, 35, 755.	1.5	23
22	An inverse problem for angularly varying sources: Preliminary results. , 2017, , .		2
23	Kolmogorov entropy in linear inverse problems. , 2017, , .		0
24	Information content, NDF and resolution in linear inverse problems. , 2017, , .		1
25	On the singular spectrum of the radiation operator in near reactive zone. , 2017, , .		1
26	Inverse scattering in the presence of a reflecting plane. Journal of Optics (United Kingdom), 2016, 18, 025603.	2.2	19
27	Inverse source in the presence of a reflecting plane for the strip case. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2014, 31, 2814.	1.5	20
28	Role of diversity on the singular values of linear scattering operators: the case of strip objects. Journal of the Optical Society of America A: Optics and Image Science, and Vision, 2013, 30, 2266.	1.5	30
29	On the Singular Spectrum of the Radiation Operator for Multiple and Extended Observation Domains. International Journal of Antennas and Propagation, 2013, 2013, 1-10.	1.2	23