

Maria Antonia Maisto

List of Publications by Year in descending order

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citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Application of Inverse Source Reconstruction to Conformal Antennas Synthesis. IEEE Transactions on Antennas and Propagation, 2018, 66, 1436-1445.	5.1	37
3	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
4	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
5	INVERSE SOURCE OF CIRCUMFERENCE GEOMETRIES: SVD INVESTIGATION BASED ON FOURIER ANALYSIS. Progress in Electromagnetics Research M, 2018, 76, 217-230.	0.9	24
6	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
7	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
8	INFORMATION CONTENT IN INVERSE SOURCE WITH SYMMETRY AND SUPPORT PRIORS. Progress in Electromagnetics Research C, 2018, 80, 39-54.	0.9	22
9	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
10	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
11	Inverse scattering in the presence of a reflecting plane. Journal of Optics (United Kingdom), 2016, 18, 025603.	2.2	19
12	Efficient Planar Near-Field Measurements for Radiation Pattern Evaluation by a Warping Strategy. IEEE Access, 2021, 9, 62255-62265.	4.2	17
13	Near-Field <i>Transverse</i> Resolution in Planar Source Reconstructions. IEEE Transactions on Antennas and Propagation, 2021, 69, 4836-4845.	5.1	16
14	Near-Field Warping Sampling Scheme for Broad-Side Antenna Characterization. Electronics (Switzerland), 2020, 9, 1047.	3.1	15
15	Spatial Sampling in Monostatic Radar Imaging. IEEE Geoscience and Remote Sensing Letters, 2022, 19, 1-5.	3.1	12
16	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
17	Sensor Arrangement in Monostatic Subsurface Radar Imaging. IEEE Open Journal of Antennas and Propagation, 2021, 2, 3-13.	3.7	10
18	Sensor Arrangement in Through-the Wall Radar Imaging. IEEE Open Journal of Antennas and Propagation, 2022, 3, 333-341.	3.7	9

#	ARTICLE	IF	CITATIONS
19	Scattered Far-Field Sampling in Multi-Static Multi-Frequency Configuration. <i>Sensors</i> , 2021, 21, 4724.	3.8	7
20	On the Number of Independent Equations in Phase Retrieval Problem: Numerical Results in Circular Case. , 2018, , .		4
21	An inverse problem for angularly varying sources: Preliminary results. , 2017, , .		2
22	Optimal choice of measurement points in near field: numerical results. , 2018, , .		2
23	The Role of Diversity on Linear Scattering Operator: The Case of Strip Scatterers Observed under the Fresnel Approximation. <i>Electronics (Switzerland)</i> , 2019, 8, 113.	3.1	2
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	Source's symmetries and priors: the effect on information content of radiated field. , 2018, , .		1
27	Image-Based RCS Estimation from Near-Field Data. <i>Journal of Imaging</i> , 2019, 5, 61.	3.0	1
28	Spatial sensor arrangement in Through-the Wall radar imaging: Numerical results. , 2022, , .		1
29	Kolmogorov entropy in linear inverse problems. , 2017, , .		0