Cristian Della Giovampaola

List of Publications by Year
in descending order

		933447	1058476
24	734	10	14
papers	citations	h-index	g-index
24	24	24	1162
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Target measurements influence on level crossing detection system safety determination. Measurement: Journal of the International Measurement Confederation, 2019, 135, 547-554.	5.0	6
2	Metasurface Antennas. Signals and Communication Technology, 2018, , 289-333.	0.5	12
3	Target measurements influence on level crossing detection system safety assessment. , 2017, , .		2
4	Plasmonics without negative dielectrics. Physical Review B, 2016, 93, .	3.2	58
5	Waveguide metatronics: Lumped circuitry based on structural dispersion. Science Advances, 2016, 2, e1501790.	10.3	61
6	Historical overview of EM metamaterials. , 2016, , .		1
7	A Closed-Form Representation of Isofrequency Dispersion Curve and Group Velocity for Surface Waves Supported by Anisotropic and Spatially Dispersive Metasurfaces. IEEE Transactions on Antennas and Propagation, 2016, 64, 2319-2327.	5.1	29
8	On the safety design of radar based railway level crossing surveillance systems. Acta IMEKO (2012), 2016, 5, 64.	0.7	12
9	Waveguide-based metatronics. , 2015, , .		0
10	Two cases of spatial transformations. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2015, 373, 20140352.	3.4	1
11	Plasmon-Enhanced Upconversion Luminescence in Single Nanophosphorâ€"Nanorod Heterodimers Formed through Template-Assisted Self-Assembly. ACS Nano, 2014, 8, 9482-9491.	14.6	127
12	Digital metamaterials. Nature Materials, 2014, 13, 1115-1121.	27.5	345
13	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
14	Scattering matrix domain decomposition method formalized with different wave propagators. , 2012, , .		0
15	Design and analysis of a compact antenna for UWB RFID applications. , 2012, , .		4
16	Entire-Domain Basis Functions for Scattering From Large Curved Surfaces Formulated by Transformation Optics. IEEE Transactions on Antennas and Propagation, 2012, 60, 4271-4280.	5.1	7
17	A Hybrid PO/Generalized-Scattering-Matrix Approach for Estimating the Reflector Induced Mismatch. IEEE Transactions on Antennas and Propagation, 2012, 60, 4316-4325.	5.1	13
18	Low-power UWB transmitter for RFID transponder applications. , 2012, , .		8

#	Article	IF	Citations
19	Hybrid methods based on generalized scattering matrices. , 2011, , .		2
20	Accurate and efficient evaluation of fields radiated at arbitrary distances by numerically-defined currents residing on arbitrarily shaped objects. , 2010, , .		3
21	Antenna mismatch induced by nearby scatterers through a spherical wave - Generalized scattering matrix approach. , 2010, , .		2
22	Efficient computation of the reaction terms to fill the interaction matrix in the Characteristic Basis Function Method (CBFM). Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , .	0.0	1
23	UHF-HF RFID integrated tag for moving vehicle identification. Digest / IEEE Antennas and Propagation Society International Symposium, 2009, , .	0.0	12
24	ITD formulation for the high-frequency scattering by moderately sized elliptic cylinders. , 2008, , .		0