Alvaro Somolinos

List of Publications by Year
in descending order

15 papers	**52** citations	2257833 **3** h-index	1872570 **6** g-index
15 all docs	**15** docs citations	**15** times ranked	**50** citing authors

#	Article	IF	Citations
1	Experimental Validation of Generating Two Spaced Beams With Reflectarrays by VRT. IEEE Transactions on Antennas and Propagation, 2019, 67, 4263-4268.	3.1	9
2	EM Modelling of Monostatic RCS for Different Complex Targets in the Near-Field Range: Experimental Evaluation for Traffic Applications. Electronics (Switzerland), 2020, 9, 1890.	1.8	8
3	Electromagnetic simulations for aeronautical satellite communications channel model. , 2012, , .		6
4	Measurements and simulations correlation of high reliability reflector antenna. , 2016, , .		6
5	Analysis and design of antenna radomes. , 2013, , .		5
6	Fast Computation by MLFMM-FFT with NURBS in Large Volumetric Dielectric Structures. Electronics (Switzerland), 2021, 10, 1560.	1.8	5
7	BICGSTAB-FFT Method of Moments with NURBS for Analysis of Planar Generic Layouts Embedded in Large Multilayer Structures. Electronics (Switzerland), 2020, 9, 1476.	1.8	3
8	Method of Moments Based on Equivalent Periodic Problem and FFT with NURBS Surfaces for Analysis of Multilayer Periodic Structures. Electronics (Switzerland), 2020, 9, 234.	1.8	3
9	Multi-Beam Circular Polarized Reflectarray on Parabolic Reflector by Variable Rotation Technique. Applied Sciences (Switzerland), 2019, 9, 2659.	1.3	2
10	Useful techniques included in NEWFASANT tool for electromagnetic analysis and design. , 2012, , .		1
11	Speed-up of the volumetric method of moments for the approximate RCS of large arbitrary-shaped dielectric targets. Computer Physics Communications, 2017, 217, 35-42.	3.0	1
12	Fast Preconditioner Computation for BICGSTAB-FFT Method of Moments with NURBS in Large Multilayer Structures. Electronics (Switzerland), 2020, 9, 1938.	1.8	1
13	Comparison between Specialized Quadrature Rules for Method of Moments with NURBS Modelling Applied to Periodic Multilayer Structures. Electronics (Switzerland), 2020, 9, 2043.	1.8	1
14	Hybrid parallelisation scheme for the application of distributed near€field sparse approximate inverse preconditioners on high€performance computing clusters. IET Microwaves, Antennas and Propagation, 2020, 14, 320-328.	0.7	1
15	Overview of some numerical techniques for the analysis of the electromagnetic scattering by wind turbines. , 2016, , .		0