

Alvaro Somolinos

List of Publications by Year in descending order

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Version: 2024-02-01

15
papers

52
citations

2258059

3
h-index

1872680

6
g-index

15
all docs

15
docs citations

15
times ranked

50
citing authors

#	ARTICLE	IF	CITATIONS
1	Fast Computation by MLFMM-FFT with NURBS in Large Volumetric Dielectric Structures. Electronics (Switzerland), 2021, 10, 1560.	3.1	5
2	BICGSTAB-FFT Method of Moments with NURBS for Analysis of Planar Generic Layouts Embedded in Large Multilayer Structures. Electronics (Switzerland), 2020, 9, 1476.	3.1	3
3	Fast Preconditioner Computation for BICGSTAB-FFT Method of Moments with NURBS in Large Multilayer Structures. Electronics (Switzerland), 2020, 9, 1938.	3.1	1
4	EM Modelling of Monostatic RCS for Different Complex Targets in the Near-Field Range: Experimental Evaluation for Traffic Applications. Electronics (Switzerland), 2020, 9, 1890.	3.1	8
5	Comparison between Specialized Quadrature Rules for Method of Moments with NURBS Modelling Applied to Periodic Multilayer Structures. Electronics (Switzerland), 2020, 9, 2043.	3.1	1
6	Method of Moments Based on Equivalent Periodic Problem and FFT with NURBS Surfaces for Analysis of Multilayer Periodic Structures. Electronics (Switzerland), 2020, 9, 234.	3.1	3
7	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.	1.4	1
8	Multi-Beam Circular Polarized Reflectarray on Parabolic Reflector by Variable Rotation Technique. Applied Sciences (Switzerland), 2019, 9, 2659.	2.5	2
9	Experimental Validation of Generating Two Spaced Beams With Reflectarrays by VRT. IEEE Transactions on Antennas and Propagation, 2019, 67, 4263-4268.	5.1	9
10	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.	7.5	1
11	Measurements and simulations correlation of high reliability reflector antenna. , 2016, , .		6
12	Overview of some numerical techniques for the analysis of the electromagnetic scattering by wind turbines. , 2016, , .		0
13	Analysis and design of antenna radomes. , 2013, , .		5
14	Useful techniques included in NEWFASANT tool for electromagnetic analysis and design. , 2012, , .		1
15	Electromagnetic simulations for aeronautical satellite communications channel model. , 2012, , .		6