Daniele Funaro

List of Publications by Year
in descending order

15	414	1478505	1058476
15	**414**	**6**	**14**
papers	citations	h-index	g-index
16	**16**	**16**	**223**
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Ball Lightning as Plasma Vortexes: A Reinforcement of the Conjecture. Applied Sciences (Switzerland), 2022, 12, 3451.	2.5	1
2	Stability and Conservation Properties of Hermite-Based Approximations of the Vlasov-Poisson System. Journal of Scientific Computing, 2021, 88, 1.	2.3	2
3	Highly Directive Biconic Antennas Embedded in a Dielectric. Applied Sciences (Switzerland), 2020, 10, 8828.	2.5	3
4	Electromagnetic Waves in Annular Regions. Applied Sciences (Switzerland), 2020, 10, 1780.	2.5	5
5	On the Use of Hermite Functions for the Vlasovâ€"Poisson System. Lecture Notes in Computational Science and Engineering, 2020, , 143-153.	0.3	3
6	A Semi-Lagrangian Spectral Method for the Vlasovâ€"Poisson System Based on Fourier, Legendre and Hermite Polynomials. Communications on Applied Mathematics and Computation, 2019, 1, 333-360.	1.7	7
7	Isospectral Domains for Discrete Elliptic Operators. Journal of Scientific Computing, 2018, 75, 405-426.	2.3	0
8	HIGH FREQUENCY ELECTRICAL OSCILLATIONS IN CAVITIES. Mathematical Modelling and Analysis, 2018, 23, 345-358.	1.5	6
9	Simulation of electromagnetic scattering with stationary or accelerating targets. International Journal of Modern Physics C, 2015, 26, 1550075.	1.7	3
10	TRAPPING ELECTROMAGNETIC SOLITONS IN CYLINDERS. Mathematical Modelling and Analysis, 2014, 19, 44-51.	1.5	6
11	Numerical Simulation of Electromagnetic Solitons and Their Interaction with Matter. Journal of Scientific Computing, 2010, 45, 259-271.	2.3	3
12	ROTATING ELECTROMAGNETIC WAVES IN TOROID-SHAPED REGIONS. International Journal of Modern Physics C, 2010, 21, 11-32.	1.7	9
13	Spectral Elements for Transport-Dominated Equations. Lecture Notes in Computational Science and Engineering, 1997, , .	0.3	37
14	Polynomial Approximation of Differential Equations. Lecture Notes in Physics Monographs, 1992, , .	0.5	209
15	Approximation of some diffusion evolution equations in unbounded domains by Hermite functions. Mathematics of Computation, 1991, 57, 597-619.	2.1	114