

Daniele Funaro

List of Publications by Year in descending order

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15
papers

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1478505

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1058476

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docs citations

16
times ranked

223
citing authors

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