

Faustino Palmero Acebedo

List of Publications by Year in descending order

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334
citing authors

#	ARTICLE	IF	CITATIONS
1	Charge Transport in Poly(dG) \leftrightarrow Poly(dC) and Poly(dA) \leftrightarrow Poly(dT) DNA Polymers. Journal of Biological Physics, 2004, 30, 227-238.	1.5	56
2	Moving discrete breathers in a Klein-Gordon chain with an impurity. Journal of Physics A, 2002, 35, 10519-10530.	1.6	46
3	Generation of Localized Modes in an Electrical Lattice Using Subharmonic Driving. Physical Review Letters, 2012, 108, 084101.	7.8	42
4	Nonlinear localized modes in two-dimensional electrical lattices. Physical Review E, 2013, 88, 022912.	2.1	41
5	\leftrightarrow Traveling and stationary intrinsic localized modes and their spatial control in electrical lattices. Physical Review E, 2010, 81, 046605.	2.1	39
6	Discrete breathers in a nonlinear electric line: Modeling, computation, and experiment. Physical Review E, 2011, 84, 026605.	2.1	36
7	Moving breathers in a bent DNA model. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 299, 221-225.	2.1	30
8	Effect of base-pair inhomogeneities on charge transport along the DNA molecule, mediated by twist and radial polarons. New Journal of Physics, 2004, 6, 13-13.	2.9	27
9	TAMING CHAOS IN A DRIVEN JOSEPHSON JUNCTION. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2001, 11, 1897-1909.	1.7	25
10	Solitons in one-dimensional nonlinear Schrödinger lattices with a local inhomogeneity. Physical Review E, 2008, 77, 036614.	2.1	23
11	Trapping in quantum chains. Physics Letters, Section A: General, Atomic and Solid State Physics, 2004, 331, 201-208.	2.1	17
12	Aharonov-Bohm effect for an exciton in a finite-width nanoring. Physical Review B, 2005, 72, .	3.2	17
13	From nodeless clouds and vortices to gray ring solitons and symmetry-broken states in two-dimensional polariton condensates. Journal of Physics Condensed Matter, 2014, 26, 155801.	1.8	14
14	Impulse-induced localized control of chaos in starlike networks. Physical Review E, 2016, 93, 062210.	2.1	14
15	Multifrequency and edge breathers in the discrete sine-Gordon system via subharmonic driving: Theory, computation and experiment. Physics Letters, Section A: General, Atomic and Solid State Physics, 2016, 380, 402-407.	2.1	12
16	Lie symmetries and multiple solutions in reaction-diffusion systems. Journal of Physics A, 1997, 30, 185-194.	1.6	10
17	Energy thresholds for the existence of breather solutions and travelling waves on lattices. Applicable Analysis, 2010, 89, 1351-1385.	1.3	10
18	Breathers in a system with helicity and dipole interaction. Physical Review E, 2002, 66, 017601.	2.1	8

#	ARTICLE	IF	CITATIONS
19	Localized Excitations in Nonlinear Complex Systems. <i>Advances in Dynamics, Patterns, Cognition</i> , 2014, , .	0.3	7
20	Crises and transient chaos in a driven Josephson junction. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1993, 179, 337-342.	2.1	6
21	Lower and upper estimates on the excitation threshold for breathers in discrete nonlinear Schrödinger lattices. <i>Journal of Mathematical Physics</i> , 2009, 50, 112705.	1.1	6
22	Impulse-induced generation of stationary and moving discrete breathers in nonlinear oscillator networks. <i>Physical Review E</i> , 2016, 94, 062206.	2.1	6
23	Numerical study of two-dimensional disordered Klein-Gordon lattices with cubic soft anharmonicity. <i>Journal of Physics A</i> , 2001, 34, L221-L230.	1.6	5
24	Title is missing!. <i>Theoretical and Mathematical Physics(Russian Federation)</i> , 2003, 137, 1406-1411.	0.9	5
25	Induced localized nonlinear modes in an electrical lattice. <i>Physica Scripta</i> , 2019, 94, 065210.	2.5	5
26	Interior crises and symmetries in a driven Josephson junction. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1991, 160, 553-558.	2.1	4
27	Optoelectronic Chaos in a Simple Light Activated Feedback Circuit. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016, 26, 1650080.	1.7	3
28	Intersection of crisis loci in a driven nonlinearly damped oscillator. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1995, 201, 186-190.	2.1	2
29	Spiral waves solutions in reaction-diffusion equations with symmetries. Analysis through specific models. <i>Journal of Physics A</i> , 1997, 30, 4259-4271.	1.6	2
30	Discrete embedded solitary waves and breathers in one-dimensional nonlinear lattices. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2022, 425, 127880.	2.1	2
31	Suppressing chaos in damped driven systems by non-harmonic excitations: experimental robustness against potential mismatches. <i>Nonlinear Dynamics</i> , 2022, 108, 2643-2654.	5.2	2
32	DNLS with Impurities. <i>Springer Tracts in Modern Physics</i> , 2009, , 353-368.	0.1	0