

# Faustino Palmero Acebedo

## List of Publications by Year in descending order

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32  
papers

522  
citations

687363

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677142

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g-index

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docs citations

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times ranked

334  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Suppressing chaos in damped driven systems by non-harmonic excitations: experimental robustness against potentialâ€™s mismatches. <i>Nonlinear Dynamics</i> , 2022, 108, 2643-2654.	5.2	2
3	Induced localized nonlinear modes in an electrical lattice. <i>Physica Scripta</i> , 2019, 94, 065210.	2.5	5
4	Impulse-induced generation of stationary and moving discrete breathers in nonlinear oscillator networks. <i>Physical Review E</i> , 2016, 94, 062206.	2.1	6
5	Impulse-induced localized control of chaos in starlike networks. <i>Physical Review E</i> , 2016, 93, 062210.	2.1	14
6	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
7	Multifrequency and edge breathers in the discrete sine-Gordon system via subharmonic driving: Theory, computation and experiment. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2016, 380, 402-407.	2.1	12
8	Localized Excitations in Nonlinear Complex Systems. <i>Advances in Dynamics, Patterns, Cognition</i> , 2014, , .	0.3	7
9	From nodeless clouds and vortices to gray ring solitons and symmetry-broken states in two-dimensional polariton condensates. <i>Journal of Physics Condensed Matter</i> , 2014, 26, 155801.	1.8	14
10	Nonlinear localized modes in two-dimensional electrical lattices. <i>Physical Review E</i> , 2013, 88, 022912.	2.1	41
11	Generation of Localized Modes in an Electrical Lattice Using Subharmonic Driving. <i>Physical Review Letters</i> , 2012, 108, 084101.	7.8	42
12	Discrete breathers in a nonlinear electric line: Modeling, computation, and experiment. <i>Physical Review E</i> , 2011, 84, 026605.	2.1	36
13	â€†Traveling and stationary intrinsic localized modes and their spatial control in electrical lattices. <i>Physical Review E</i> , 2010, 81, 046605.	2.1	39
14	Energy thresholds for the existence of breather solutions and travelling waves on lattices. <i>Applicable Analysis</i> , 2010, 89, 1351-1385.	1.3	10
15	Lower and upper estimates on the excitation threshold for breathers in discrete nonlinear SchrÃ¶dinger lattices. <i>Journal of Mathematical Physics</i> , 2009, 50, 112705.	1.1	6
16	DNLS with Impurities. <i>Springer Tracts in Modern Physics</i> , 2009, , 353-368.	0.1	0
17	Solitons in one-dimensional nonlinear SchrÃ¶dinger lattices with a local inhomogeneity. <i>Physical Review E</i> , 2008, 77, 036614.	2.1	23
18	Aharonov-Bohm effect for an exciton in a finite-width nanoring. <i>Physical Review B</i> , 2005, 72, , .	3.2	17

#	ARTICLE	IF	CITATIONS
19	Effect of base-pair inhomogeneities on charge transport along the DNA molecule, mediated by twist and radial polarons. <i>New Journal of Physics</i> , 2004, 6, 13-13.	2.9	27
20	Charge Transport in Poly(dG) $\hat{A}$ Poly(dC) and Poly(dA) $\hat{A}$ Poly(dT) DNA Polymers. <i>Journal of Biological Physics</i> , 2004, 30, 227-238.	1.5	56
21	Trapping in quantum chains. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2004, 331, 201-208.	2.1	17
22	Title is missing!. <i>Theoretical and Mathematical Physics(Russian Federation)</i> , 2003, 137, 1406-1411.	0.9	5
23	Breathers in a system with helicity and dipole interaction. <i>Physical Review E</i> , 2002, 66, 017601.	2.1	8
24	Moving discrete breathers in a Klein $\hat{A}$ Gordon chain with an impurity. <i>Journal of Physics A</i> , 2002, 35, 10519-10530.	1.6	46
25	Moving breathers in a bent DNA model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2002, 299, 221-225.	2.1	30
26	TAMING CHAOS IN A DRIVEN JOSEPHSON JUNCTION. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2001, 11, 1897-1909.	1.7	25
27	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
28	Lie symmetries and multiple solutions in reaction-diffusion systems. <i>Journal of Physics A</i> , 1997, 30, 185-194.	1.6	10
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	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
31	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
32	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