

Lars English

List of Publications by Year in descending order

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papers

773
citations

687363

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380
citing authors

#	ARTICLE	IF	CITATIONS
1	Backward- and forward-wave soliton coexistence due to second-neighbor coupling in a left-handed transmission line. <i>Nonlinear Dynamics</i> , 2022, 108, 4103-4114.	5.2	4
2	Coupled metronomes on a moving platform with Coulomb friction. <i>Chaos</i> , 2022, 32, 043119.	2.5	6
3	Optimizing Regenerative Braking: A Variational Calculus Approach. <i>Mathematical Problems in Engineering</i> , 2021, 2021, 1-8.	1.1	1
4	Flip and Neimark-Sacker Bifurcations in a Coupled Logistic Map System. <i>Discrete Dynamics in Nature and Society</i> , 2020, 2020, 1-14.	0.9	4
5	An experimental survey of chaos and symmetry breaking in coupled and driven logistic maps. <i>European Journal of Physics</i> , 2019, 40, 065802.	0.6	1
6	Experimental and numerical observation of dark and bright breathers in the band gap of a diatomic electrical lattice. <i>Physical Review E</i> , 2019, 99, 032206.	2.1	21
7	Induced localized nonlinear modes in an electrical lattice. <i>Physica Scripta</i> , 2019, 94, 065210.	2.5	5
8	Linear impurity modes in an electrical lattice: Theory and experiment. <i>Physical Review E</i> , 2019, 100, 062114.	2.1	8
9	Symmetry breaking in symmetrically coupled logistic maps. <i>European Journal of Physics</i> , 2019, 40, 024003.	0.6	4
10	Resonant localized modes in electrical lattices with second-neighbor coupling. <i>Physical Review E</i> , 2018, 98, .	2.1	10
11	Analysis and observation of moving domain fronts in a ring of coupled electronic self-oscillators. <i>Chaos</i> , 2017, 27, 103125.	2.5	5
12	Emergence and analysis of Kuramoto-Sakaguchi-like models as an effective description for the dynamics of coupled Wien-bridge oscillators. <i>Physical Review E</i> , 2016, 94, 062212.	2.1	4
13	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
14	Experimental study of synchronization of coupled electrical self-oscillators and comparison to the Sakaguchi-Kuramoto model. <i>Physical Review E</i> , 2015, 92, 052912.	2.1	14
15	Synchronization in phase-coupled Kuramoto oscillator networks with axonal delay and synaptic plasticity. <i>Physical Review E</i> , 2014, 89, 032906.	2.1	35
16	Nonlinear localized modes in two-dimensional electrical lattices. <i>Physical Review E</i> , 2013, 88, 022912.	2.1	41
17	Generation of Localized Modes in an Electrical Lattice Using Subharmonic Driving. <i>Physical Review Letters</i> , 2012, 108, 084101.	7.8	42
18	Trajectories of rolling marbles on various funnels. <i>American Journal of Physics</i> , 2012, 80, 996-1000.	0.7	16

#	ARTICLE	IF	CITATIONS
19	Discrete breathers in a nonlinear electric line: Modeling, computation, and experiment. Physical Review E, 2011, 84, 026605.	2.1	36
20	Traveling and stationary intrinsic localized modes and their spatial control in electrical lattices. Physical Review E, 2010, 81, 046605.	2.1	39
21	Discrete Breathers in a Forced-Damped Array of Coupled Pendula: Modeling, Computation, and Experiment. Physical Review Letters, 2009, 102, 224101.	7.8	77
22	Patterns of traveling intrinsic localized modes in a driven electrical lattice. Physical Review E, 2008, 77, 066601.	2.1	39
23	Experimental generation of intrinsic localized modes in a discrete electrical transmission line. Journal Physics D: Applied Physics, 2007, 40, 5394-5398.	2.8	47
24	On the "Emptiness" of Particles in Condensed-matter Physics. Foundations of Science, 2007, 12, 155-171.	0.7	0
25	Influence of sample shape on the production of intrinsic localized modes in an antiferromagnetic lattice. Journal of Applied Physics, 2002, 91, 8676.	2.5	25
26	Nanoscale intrinsic localized modes in an antiferromagnetic lattice. Journal of Applied Physics, 2001, 89, 6707-6709.	2.5	29
27	Experimental Generation and Observation of Intrinsic Localized Spin Wave Modes in an Antiferromagnet. Physical Review Letters, 1999, 83, 223-226.	7.8	240
28	Continued fractions and the harmonic oscillator using Feynman's path integrals. American Journal of Physics, 1997, 65, 390-393.	0.7	8