

Erik Mosekilde

List of Publications by Year in descending order

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230
papers

5,585
citations

76196

40
h-index

128067

60
g-index

256
all docs

256
docs citations

256
times ranked

2626
citing authors

#	ARTICLE	IF	CITATIONS
1	Stochastic switching in systems with rare and hidden attractors. European Physical Journal: Special Topics, 2018, 227, 747-756.	1.2	4
2	Cascades of alternating pitchfork and flip bifurcations in H-bridge inverters. Physica D: Nonlinear Phenomena, 2017, 345, 27-39.	1.3	11
3	Coexistence between silent and bursting states in a biophysical Hodgkin-Huxley-type of model. Chaos, 2017, 27, 123101.	1.0	16
4	Disrupted bandcount doubling in an AC-DC boost PFC circuit modeled by a time varying map. Journal of Physics: Conference Series, 2016, 692, 012003.	0.3	0
5	Border collisions inside the stability domain of a fixed point. Physica D: Nonlinear Phenomena, 2016, 321-322, 1-15.	1.3	13
6	A classifier driven approach to find biomarkers for affective disorders from transcription profiles in blood. Advances in Precision Medicine, 2016, 1, 34.	0.1	1
7	Co-existing hidden attractors in a radio-physical oscillator system. Journal of Physics A: Mathematical and Theoretical, 2015, 48, 125101.	0.7	102
8	Multistability and hidden attractors in a relay system with hysteresis. Physica D: Nonlinear Phenomena, 2015, 306, 6-15.	1.3	27
9	Multistability and hidden attractors in an impulsive Goodwin oscillator with time delay. European Physical Journal: Special Topics, 2015, 224, 1519-1539.	1.2	52
10	Onset of chaos in a single-phase power electronic inverter. Chaos, 2015, 25, 043114.	1.0	29
11	Multistability and hidden attractors in a multilevel DC/DC converter. Mathematics and Computers in Simulation, 2015, 109, 32-45.	2.4	95
12	Phase synchronized quasiperiodicity in power electronic inverter systems. Physica D: Nonlinear Phenomena, 2014, 268, 14-24.	1.3	21
13	Insulin aspart pharmacokinetics: An assessment of its variability and underlying mechanisms. European Journal of Pharmaceutical Sciences, 2014, 62, 65-75.	1.9	22
14	Generators of quasiperiodic oscillations with three-dimensional phase space. European Physical Journal: Special Topics, 2013, 222, 2391-2398.	1.2	17
15	Multistability and Torus Reconstruction in a DC-DC Converter With Multilevel Control. IEEE Transactions on Industrial Informatics, 2013, 9, 1937-1946.	7.2	12
16	Complex Patterns of Metabolic and Ca ²⁺ Entrainment in Pancreatic Islets by Oscillatory Glucose. Biophysical Journal, 2013, 105, 29-39.	0.2	40
17	On the structure of phase synchronized chaos. Chaos, Solitons and Fractals, 2013, 46, 28-37.	2.5	1
18	High-Feedback Operation of Power Electronic Converters. Electronics (Switzerland), 2013, 2, 113-167.	1.8	15

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19	The transition to chaotic phase synchronization. , 2012, , .		0
20	Bioavailability and variability of biphasic insulin mixtures. European Journal of Pharmaceutical Sciences, 2012, 46, 198-208.	1.9	18
21	A Comprehensive Approach to Benefitâ€“Risk Assessment in Drug Development. Basic and Clinical Pharmacology and Toxicology, 2012, 111, 65-72.	1.2	9
22	Dataâ€“Driven Assessment of the Association of Polymorphisms in 5â€“Fluorouracil Metabolism Genes with Outcome in Adjuvant Treatment of Colorectal Cancer. Basic and Clinical Pharmacology and Toxicology, 2012, 111, 189-197.	1.2	3
23	Bifurcation structure of the -type period-doubling transition. Physica D: Nonlinear Phenomena, 2012, 241, 488-496.	1.3	13
24	Torus-Bifurcation Mechanisms in a DC/DC Converter With Pulsewidth-Modulated Control. IEEE Transactions on Power Electronics, 2011, 26, 1270-1279.	5.4	34
25	Bistability in autoimmune diseases. Autoimmunity, 2011, 44, 256-260.	1.2	12
26	Synchronization of period-doubling oscillations in vascular coupled nephrons. Chaos, 2011, 21, 033128.	1.0	9
27	Modeling in Biomedical Research and Health Care. , 2011, , 1-18.		0
28	Advancing systems medicine and therapeutics through biosimulation. Interface Focus, 2011, 1, 3-6.	1.5	5
29	Concepts in Mechanism Based Modeling. , 2011, , 19-41.		0
30	The Approach to Model Building. , 2011, , 43-68.		0
31	Absorption Kinetics of Insulin Mixtures after Subcutaneous Administration. , 2011, , 329-359.		3
32	Coexisting tori and torus bubbling in non-smooth systems. Physica D: Nonlinear Phenomena, 2011, 240, 397-405.	1.3	10
33	Hyperbolic chaotic attractor in amplitude dynamics of coupled self-oscillators with periodic parameter modulation. Physical Review E, 2011, 84, 016228.	0.8	7
34	Excitation block in a nerve fibre model owing to potassium-dependent changes in myelin resistance. Interface Focus, 2011, 1, 86-100.	1.5	18
35	C-type period-doubling transition in nephron autoregulation. Interface Focus, 2011, 1, 132-142.	1.5	8
36	TORUS BIFURCATIONS IN MULTILEVEL CONVERTER SYSTEMS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2011, 21, 2343-2356.	0.7	13

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37	Application of Dynamic Analysis in a Centralised Supply Chain. , 2011, , 33-53.		0
38	A study of renal blood flow regulation using the discrete wavelet transform. Proceedings of SPIE, 2010, , .	0.8	0
39	From multi-layered resonance tori to period-doubled ergodic tori. Physics Letters, Section A: General, Atomic and Solid State Physics, 2010, 374, 2534-2538.	0.9	12
40	Two-mode dynamics in pulse-modulated control systems. Annual Reviews in Control, 2010, 34, 62-70.	4.4	8
41	CHARACTERIZATION OF RENAL BLOOD FLOW REGULATION BASED ON WAVELET COEFFICIENTS. Fluctuation and Noise Letters, 2010, 09, 259-270.	1.0	2
42	Coupling-induced complexity in nephron models of renal blood flow regulation. American Journal of Physiology - Regulatory Integrative and Comparative Physiology, 2010, 298, R997-R1006.	0.9	14
43	PHASE CHAOS IN THE DISCRETE KURAMOTO MODEL. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 1811-1823.	0.7	12
44	Exploring the Behaviour of a Centralised Supply Chain at Draeger Safety UK. International Journal of Information Systems and Supply Chain Management, 2009, 2, 34-54.	0.6	5
45	Absorption kinetics of insulin after subcutaneous administration. European Journal of Pharmaceutical Sciences, 2009, 36, 78-90.	1.9	86
46	The effect of L-NAME on intra- and inter-nephron synchronization. European Journal of Pharmaceutical Sciences, 2009, 36, 39-50.	1.9	5
47	Novel routes to chaos through torus breakdown in non-invertible maps. Physica D: Nonlinear Phenomena, 2009, 238, 589-602.	1.3	17
48	Multilayered tori in a system of two coupled logistic maps. Physics Letters, Section A: General, Atomic and Solid State Physics, 2009, 373, 946-951.	0.9	24
49	Rhythmic components in renal autoregulation: Nonlinear modulation phenomena. Chaos, Solitons and Fractals, 2009, 41, 930-938.	2.5	4
50	Equilibrium-torus bifurcation in nonsmooth systems. Physica D: Nonlinear Phenomena, 2008, 237, 930-936.	1.3	34
51	Direct transition from a stable equilibrium to quasiperiodicity in non-smooth systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2008, 372, 2237-2246.	0.9	31
52	Phase chaos and multistability in the discrete Kuramoto model. Nonlinear Oscillations, 2008, 11, 229-241.	0.1	5
53	Giant Glial Cell: New Insight Through Mechanism-Based Modeling. Journal of Biological Physics, 2008, 34, 441-457.	0.7	18
54	Complexity in Neurology and Psychiatry. Journal of Biological Physics, 2008, 34, 249-252.	0.7	0

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55	Phase-modulation laser interference microscopy: an advance in cell imaging and dynamics study. <i>Journal of Biomedical Optics</i> , 2008, 13, 034004.	1.4	17
56	Non-invasive study of nerve fibres using laser interference microscopy. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2008, 366, 3463-3481.	1.6	17
57	DYNAMICS AND SYNCHRONIZATION OF NOISE PERTURBED ENSEMBLES OF PERIODICALLY ACTIVATED NEURON CELLS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2008, 18, 2807-2815.	0.7	10
58	MULTIPLE-ATTRACTOR BIFURCATIONS AND QUASIPERIODICITY IN PIECEWISE-SMOOTH MAPS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2008, 18, 1775-1789.	0.7	21
59	Characterizing multimode interaction in renal autoregulation. <i>Physiological Measurement</i> , 2008, 29, 945-958.	1.2	19
60	Transitions from phase-locked dynamics to chaos in a piecewise-linear map. <i>Physical Review E</i> , 2008, 77, 026206.	0.8	22
61	Formation and destruction of multilayered tori in coupled map systems. <i>Chaos</i> , 2008, 18, 037124.	1.0	9
62	Multimode dynamics in a network with resource mediated coupling. <i>Chaos</i> , 2008, 18, 015114.	1.0	7
63	Preface. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2008, 366, 3437-3444.	1.6	1
64	NOISE CONTROLLED SYNCHRONIZATION IN POTASSIUM COUPLED NEURAL MODELS. <i>International Journal of Neural Systems</i> , 2007, 17, 105-113.	3.2	20
65	Using wavelet analysis to detect the influence of low frequency magnetic fields on human physiological tremor. <i>Physiological Measurement</i> , 2007, 28, 321-333.	1.2	5
66	Synchronization among mechanisms of renal autoregulation is reduced in hypertensive rats. <i>American Journal of Physiology - Renal Physiology</i> , 2007, 293, F1545-F1555.	1.3	49
67	Vascular coupling induces synchronization, quasiperiodicity, and chaos in a nephron tree. <i>Chaos</i> , 2007, 17, 015114.	1.0	37
68	TRANSITION FROM A STABLE NODE EQUILIBRIUM TO QUASIPERIODICITY IN PIECEWISE-SMOOTH SYSTEMS. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2007, 40, 218-223.	0.4	0
69	Quasiperiodicity and torus breakdown in a power electronic dc/dc converter. <i>Mathematics and Computers in Simulation</i> , 2007, 73, 364-377.	2.4	28
70	Nonlinear dynamic phenomena in the beer model. <i>System Dynamics Review</i> , 2007, 23, 229-252.	1.1	37
71	New insights offered by a computational model of deep brain stimulation. <i>Journal of Physiology (Paris)</i> , 2007, 101, 56-63.	2.1	19
72	Border collision route to quasiperiodicity: Numerical investigation and experimental confirmation. <i>Chaos</i> , 2006, 16, 023122.	1.0	84

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73	Torus birth bifurcations in a DC/DC converter. IEEE Transactions on Circuits and Systems Part 1: Regular Papers, 2006, 53, 1839-1850.	0.1	66
74	MULTIPLE ATTRACTOR BIFURCATIONS IN A PIECEWISE-SMOOTH MAP WITH QUASIPERIODICITY. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2006, 39, 427-432.	0.4	7
75	Border-collision bifurcations in a dynamic management game. Computers and Operations Research, 2006, 33, 464-478.	2.4	45
76	Synchronization in systems with bimodal dynamics. Physica A: Statistical Mechanics and Its Applications, 2006, 371, 280-292.	1.2	2
77	Numerical experiments with MG continuation algorithms. Applied Numerical Mathematics, 2006, 56, 844-861.	1.2	5
78	Birth of bilayered torus and torus breakdown in a piecewise-smooth dynamical system. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 351, 167-174.	0.9	34
79	Role of the driving frequency in a randomly perturbed Hodgkin-Huxley neuron with suprathreshold forcing. European Physical Journal B, 2006, 53, 529-536.	0.6	14
80	Preface. Journal of Biological Physics, 2006, 32, 183-189.	0.7	0
81	Unraveling Cell Processes: Interference Imaging Interwoven with Data Analysis. Journal of Biological Physics, 2006, 32, 191-208.	0.7	39
82	Application of wavelet-based tools to study the dynamics of biological processes. Briefings in Bioinformatics, 2006, 7, 375-389.	3.2	36
83	Low-Dimensional Chaos in Populations of Strongly-Coupled Noisy Maps. Progress of Theoretical Physics Supplement, 2006, 161, 27-42.	0.2	4
84	Border-Collision Bifurcations in a DC/DC Converter with Multilevel Pulse-Width Modulation. , 2006, , .		0
85	NEURAL SYNCHRONIZATION VIA POTASSIUM SIGNALING. International Journal of Neural Systems, 2006, 16, 99-109.	3.2	12
86	An integrated frame-of-reference for modelling management systems. Human Systems Management, 2006, 25, 247-254.	0.5	2
87	Resonant activation in a stochastic Hodgkin-Huxley model: Interplay between noise and suprathreshold driving effects. European Physical Journal B, 2005, 45, 391-397.	0.6	56
88	Mechanism-Based Modeling of Complex Biomedical Systems. Basic and Clinical Pharmacology and Toxicology, 2005, 96, 212-224.	1.2	8
89	Effects of microscopic disorder on the collective dynamics of globally coupled maps. Physica D: Nonlinear Phenomena, 2005, 205, 25-40.	1.3	10
90	Synchronization in ensembles of coupled maps with a major element. Discrete Dynamics in Nature and Society, 2005, 2005, 239-255.	0.5	4

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91	Double-wavelet approach to studying the modulation properties of nonstationary multimode dynamics. <i>Physiological Measurement</i> , 2005, 26, 351-362.	1.2	27
92	Oscillator clustering in a resource distribution chain. <i>Chaos</i> , 2005, 15, 013704.	1.0	13
93	Interference Microscopy under Double-Wavelet Analysis: A New Approach to Studying Cell Dynamics. <i>Physical Review Letters</i> , 2005, 94, 218103.	2.9	34
94	Two-mode chaos and its synchronization properties. <i>Physical Review E</i> , 2005, 72, 056208.	0.8	7
95	HYPERBOLIC PLYKIN ATTRACTOR CAN EXIST IN NEURON MODELS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2005, 15, 3567-3578.	0.7	31
96	CHAOTIC SYNCHRONIZATION AND ANTISYNCHRONIZATION IN COUPLED SINE MAPS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2005, 15, 2161-2177.	0.7	1
97	Double-wavelet approach to study frequency and amplitude modulation in renal autoregulation. <i>Physical Review E</i> , 2004, 70, 031915.	0.8	46
98	Noise-Induced Macroscopic Bifurcations in Globally Coupled Chaotic Units. <i>Physical Review Letters</i> , 2004, 92, 254101.	2.9	20
99	Analysis of the noise-induced bursting-spiking transition in a pancreatic β -cell model. <i>Physical Review E</i> , 2004, 69, 041910.	0.8	19
100	INTER-PATTERN TRANSITIONS IN A NOISY BURSTING CELL. <i>Fluctuation and Noise Letters</i> , 2004, 04, L521-L533.	1.0	14
101	CATASTROPHE THEORETIC CLASSIFICATION OF NONLINEAR OSCILLATORS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2004, 14, 1241-1266.	0.7	11
102	Synchronization between interacting ensembles of globally coupled chaotic maps. <i>Physica D: Nonlinear Phenomena</i> , 2004, 199, 45-60.	1.3	5
103	Synchronization of tubular pressure oscillations in interacting nephrons. <i>Chaos, Solitons and Fractals</i> , 2003, 15, 343-369.	2.5	16
104	Scaling features of multimode motions in coupled chaotic oscillators. <i>Chaos, Solitons and Fractals</i> , 2003, 16, 801-810.	2.5	25
105	Quasi-periodicity and border-collision bifurcations in a DC-DC converter with pulsewidth modulation. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2003, 50, 1047-1057.	0.1	63
106	Coherent Regimes of Globally Coupled Dynamical Systems. <i>Physical Review Letters</i> , 2003, 90, 054102.	2.9	60
107	Torus breakdown in noninvertible maps. <i>Physical Review E</i> , 2003, 67, 046215.	0.8	19
108	Synchronization of time-continuous chaotic oscillators. <i>Chaos</i> , 2003, 13, 388-400.	1.0	19

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109	Complex phase dynamics in coupled bursters. <i>Physical Review E</i> , 2003, 67, 016215.	0.8	9
110	Bimodal oscillations in nephron autoregulation. <i>Physical Review E</i> , 2002, 66, 061909.	0.8	51
111	Phase multistability of self-modulated oscillations. <i>Physical Review E</i> , 2002, 66, 036224.	0.8	10
112	Transitions between $\hat{2}$ and $\hat{3}$ rhythms in neural systems. <i>Physical Review E</i> , 2002, 66, 041901.	0.8	14
113	Quantitative Effects of Medium Hardness and Nutrient Availability on the Swarming Motility of <i>Serratia liquefaciens</i> . <i>Bulletin of Mathematical Biology</i> , 2002, 64, 565-587.	0.9	18
114	Border-collision bifurcations on a two-dimensional torus. <i>Chaos, Solitons and Fractals</i> , 2002, 13, 1889-1915.	2.5	45
115	Particle in the Brusselator model with flow. <i>Physica D: Nonlinear Phenomena</i> , 2002, 163, 80-88.	1.3	8
116	Role of asymmetric clusters in desynchronization of coherent motion. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2002, 302, 171-181.	0.9	18
117	Multiscality in the dynamics of coupled chaotic systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2002, 316, 233-249.	1.2	30
118	Nonlinear characteristics of randomly excited transonic flutter. <i>Mathematics and Computers in Simulation</i> , 2002, 58, 385-405.	2.4	11
119	Border-Collision Bifurcations on a Two-Dimensional Torus and Transitions to Chaos in a Control System with Pulse-Width Modulation. <i>IFAC Postprint Volumes IPPV / International Federation of Automatic Control</i> , 2001, 34, 155-160.	0.4	0
120	Loss of synchronization in coupled Rössler systems. <i>Physica D: Nonlinear Phenomena</i> , 2001, 154, 26-42.	1.3	40
121	Bifurcation structure of a model of bursting pancreatic cells. <i>BioSystems</i> , 2001, 63, 3-13.	0.9	58
122	Transition to synchronized chaos via suppression of the natural dynamics. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2001, 283, 195-200.	0.9	9
123	Coupled map lattices with complex order parameter. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2001, 291, 299-316.	1.2	5
124	Two-parameter analysis of the scaling behavior at the onset of chaos: tricritical and pseudo-tricritical points. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2001, 300, 367-385.	1.2	7
125	Partial synchronization and clustering in a system of diffusively coupled chaotic oscillators. <i>Mathematics and Computers in Simulation</i> , 2001, 54, 491-508.	2.4	43
126	Synchronization phenomena in nephron-nephron interaction. <i>Chaos</i> , 2001, 11, 417-426.	1.0	72

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127	BORDER-COLLISION BIFURCATIONS AND CHAOTIC OSCILLATIONS IN A PIECEWISE-SMOOTH DYNAMICAL SYSTEM. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2001, 11, 2977-3001.	0.7	46
128	COOPERATIVE PHASE DYNAMICS IN COUPLED NEPHRONS. <i>International Journal of Modern Physics B</i> , 2001, 15, 3079-3098.	1.0	27
129	DYNAMICAL SYSTEMS OF DIFFERENT CLASSES AS MODELS OF THE KICKED NONLINEAR OSCILLATOR. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2001, 11, 1065-1077.	0.7	16
130	BIFURCATIONS AND CHAOTIC OSCILLATIONS IN AN AUTOMATIC CONTROL RELAY SYSTEM WITH HYSTERESIS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2001, 11, 1193-1231.	0.7	24
131	Cluster synchronization modes in an ensemble of coupled chaotic oscillators. <i>Physical Review E</i> , 2001, 63, 036216.	0.8	162
132	Scaling properties of bicritical dynamics in unidirectionally coupled period-doubling systems in the presence of noise. <i>Physical Review E</i> , 2001, 64, 066207.	0.8	5
133	Chaotic dynamics from interspike intervals. <i>Physical Review E</i> , 2001, 63, 036205.	0.8	24
134	Transcritical riddling in a system of coupled maps. <i>Physical Review E</i> , 2001, 63, 036201.	0.8	12
135	SHIFT OF THE SYNCHRONIZED STATE IN A SYSTEM OF TWO COUPLED NONIDENTICAL OSCILLATORS. , 2000, , .		0
136	Modeling the Insulin-Glucose Feedback System: The Significance of Pulsatile Insulin Secretion. <i>Journal of Theoretical Biology</i> , 2000, 207, 361-375.	0.8	176
137	Using system dynamics to analyse interactions in duopoly competition. <i>System Dynamics Review</i> , 2000, 16, 113-133.	1.1	34
138	Transcritical loss of synchronization in coupled chaotic systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2000, 275, 401-406.	0.9	19
139	The interaction of thin-film flow, bacterial swarming and cell differentiation in colonies of <i>Serratia liquefaciens</i> . <i>Journal of Mathematical Biology</i> , 2000, 40, 27-63.	0.8	48
140	Homoclinic bifurcations leading to the emergence of bursting oscillations in cell models. <i>European Physical Journal E</i> , 2000, 3, 205-219.	0.7	65
141	Type-II intermittency in a class of two coupled one-dimensional maps. <i>Discrete Dynamics in Nature and Society</i> , 2000, 5, 233-245.	0.5	1
142	Bifurcation analysis of the Henon map. <i>Discrete Dynamics in Nature and Society</i> , 2000, 5, 203-221.	0.5	12
143	Invariant manifolds and cluster synchronization in a family of locally coupled map lattices. <i>Discrete Dynamics in Nature and Society</i> , 2000, 4, 245-256.	0.5	11
144	Chaotic synchronization in a system of two coupled \hat{I}^2 -cells. <i>AIP Conference Proceedings</i> , 2000, , .	0.3	0

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145	Extracting dynamics from return times. AIP Conference Proceedings, 2000, , .	0.3	1
146	EFFECTS OF A PARAMETER MISMATCH ON THE SYNCHRONIZATION OF TWO COUPLED CHAOTIC OSCILLATORS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2000, 10, 2629-2648.	0.7	28
147	CHAOTIC HIERARCHY IN HIGH DIMENSIONS. International Journal of Modern Physics B, 2000, 14, 2511-2527.	1.0	9
148	Extracting dynamics from threshold-crossing interspike intervals: Possibilities and limitations. Physical Review E, 2000, 61, 5033-5044.	0.8	23
149	Comment on "Flow-distributed oscillations: Stationary chemical waves in a reacting flow". Physical Review E, 2000, 62, 2992-2993.	0.8	13
150	Dynamical system approach to phyllotaxis. Physical Review E, 2000, 61, 354-365.	0.8	5
151	Chaotic Synchronization between Coupled Pancreatic β^2 -Cells. Progress of Theoretical Physics Supplement, 2000, 139, 164-177.	0.2	18
152	PARTIAL SYNCHRONIZATION IN A SYSTEM OF COUPLED LOGISTIC MAPS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2000, 10, 1051-1066.	0.7	20
153	Homoclinic Bifurcation as a Mechanism of Chaotic Phase Synchronization. Physical Review Letters, 1999, 83, 1942-1945.	2.9	9
154	Loss of lag synchronization in coupled chaotic systems. Physical Review E, 1999, 60, 6560-6565.	0.8	27
155	Stationary space-periodic structures with equal diffusion coefficients. Physical Review E, 1999, 60, 297-301.	0.8	93
156	Desynchronization of chaos in coupled logistic maps. Physical Review E, 1999, 60, 2817-2830.	0.8	40
157	Synchronization in driven chaotic systems: Diagnostics and bifurcations. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 253, 66-74.	0.9	24
158	Unfolding of the riddling bifurcation. Physics Letters, Section A: General, Atomic and Solid State Physics, 1999, 262, 355-360.	0.9	10
159	Bifurcation analysis of spiral growth processes in plants. Mathematics and Computers in Simulation, 1999, 49, 41-56.	2.4	3
160	Role of multistability in the transition to chaotic phase synchronization. Chaos, 1999, 9, 227-232.	1.0	60
161	Riddled basins of attraction for synchronized type-I intermittency. Physics Letters, Section A: General, Atomic and Solid State Physics, 1998, 238, 358-364.	0.9	6
162	Parametric transverse patterns in broad aperture lasers. Dynamical Systems, 1998, 13, 319-336.	0.7	3

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163	Transverse instability and riddled basins in a system of two coupled logistic maps. <i>Physical Review E</i> , 1998, 57, 2713-2724.	0.8	103
164	Role of the Absorbing Area in Chaotic Synchronization. <i>Physical Review Letters</i> , 1998, 80, 1638-1641.	2.9	56
165	Re-Entrant Hexagons and Locked Turingâ€™Hopf Fronts in the CIMA Reaction. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 1998, 08, 1003-1012.	0.7	8
166	Torus Destruction and Chaosâ€™Chaos Intermittency in a Commodity Distribution Chain. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 1997, 07, 1225-1242.	0.7	22
167	Absolute and convective instabilities in a one-dimensional Brusselator flow model. <i>Journal of Chemical Physics</i> , 1997, 106, 7609-7616.	1.2	94
168	Anomalous Statistics for Type-III Intermittency. <i>Open Systems and Information Dynamics</i> , 1997, 4, 393-405.	0.5	7
169	Comments on the Theory of Unimodal Maps. <i>Open Systems and Information Dynamics</i> , 1997, 4, 379-392.	0.5	1
170	Gene therapy of T helper cells in HIV infection: Mathematical model of the criteria for clinical effect. <i>Bulletin of Mathematical Biology</i> , 1997, 59, 725-745.	0.9	25
171	Gene therapy of T helper cells in HIV infection: Mathematical model of the criteria for clinical effect. <i>Bulletin of Mathematical Biology</i> , 1997, 59, 725-745.	0.9	5
172	Economic Cycles in a Behavioral Disequilibrium Perspective. <i>Lecture Notes in Economics and Mathematical Systems</i> , 1997, , 29-49.	0.3	0
173	Quantification of remodeling parameter sensitivityâ€™assessed by a computer simulation model. <i>Bone</i> , 1996, 19, 505-511.	1.4	13
174	Nonlinear dynamics of a vectored thrust aircraft. <i>Physica Scripta</i> , 1996, T67, 176-183.	1.2	12
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