Mogens HÃ¸gh Jensen

List of Publications by Year
in descending order

202 papers	10,519 citations	76031 42 h-index	42259 96 g-index
212 all docs	212 docs citations	212 times ranked	6904 citing authors

#	Article	IF	Citations
1	Biophysical Modeling of Dopaminergic Denervation Landscapes in the Striatum Reveals New Therapeutic Strategy. ENeuro, 2022, 9, ENEURO.0458-21.2022.	0.9	1
2	A tale of two rhythms: Locked clocks and chaos in biology. Cell Systems, 2021, 12, 291-303.	2.9	29
3	Emergence of chimera states in a neuronal model of delayed oscillators. Physical Review Research, 2021, 3, .	1.3	5
4	Chaos in disease outbreaks among prey. Scientific Reports, 2020, 10, 3907.	1.6	12
5	Bifractal nature of chromosome contact maps. Physical Review Research, 2020, 2, .	1.3	4
6	Locked body clocks. Nature Physics, 2019, 15, 989-990.	6.5	5
7	Constraints on somite formation in developing embryos. Journal of the Royal Society Interface, 2019, 16, 20190451.	1.5	3
8	Inferring Leading Interactions in the p53/Mdm2/Mdmx Circuit through Live-Cell Imaging and Modeling. Cell Systems, 2019, 9, 548-558.e5.	2.9	16
9	On chaotic dynamics in transcription factors and the associated effects in differential gene regulation. Nature Communications, 2019, 10, 71.	5.8	60
10	Gender bias in Nobel prizes. Palgrave Communications, 2019, 5, .	4.7	38
11	Entrainment as a means of controlling phase waves in populations of coupled oscillators. Physical Review E, 2018, 98, .	0.8	6
12	Tuning of Recombinant Protein Expression in <i>Escherichia coli</i> by Manipulating Transcription, Translation Initiation Rates, and Incorporation of Noncanonical Amino Acids. ACS Synthetic Biology, 2017, 6, 1076-1085.	1.9	22
13	Time Correlations in Mode Hopping of Coupled Oscillators. Journal of Statistical Physics, 2017, 167, 792-805.	0.5	3
14	Expanding the Genetic Code of a Photoautotrophic Organism. Biochemistry, 2017, 56, 2161-2165.	1.2	17
15	Impact of Zygosity on Bimodal Phenotype Distributions. Biophysical Journal, 2017, 113, 148-156.	0.2	0
16	Chaotic Dynamics Mediate Brain State Transitions, Driven by Changes in Extracellular Ion Concentrations. Cell Systems, 2017, 5, 591-603.e4.	2.9	27
17	Four simple rules that are sufficient to generate the mammalian blastocyst. PLoS Biology, 2017, 15, e2000737.	2.6	44
18	Noise Induces Hopping between NF-κB Entrainment Modes. Cell Systems, 2016, 3, 532-539.e3.	2.9	44

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19	A Monte Carlo Study of the Early Steps of Functional Amyloid Formation. PLoS ONE, 2016, 11, e0146096.	1.1	9
20	Measure of Node Similarity in Multilayer Networks. PLoS ONE, 2016, 11, e0157436.	1.1	19
21	The length distribution of frangible biofilaments. Journal of Chemical Physics, 2015, 143, 164901.	1.2	19
22	The role of mRNA and protein stability in the function of coupled positive and negative feedback systems in eukaryotic cells. Scientific Reports, 2015, 5, 13910.	1.6	10
23	A monomer-trimer model supports intermittent glucagon fibril growth. Scientific Reports, 2015, 5, 9005.	1.6	6
24	What does Evolution Tell us about the Structure of a Functional Amyloid Protein?. Biophysical Journal, 2015, 108, 227a.	0.2	0
25	Structure of a Functional Amyloid Protein Subunit Computed Using Sequence Variation. Journal of the American Chemical Society, 2015, 137, 22-25.	6.6	98
26	Coupled Positive and Negative Feedbacks Produce Diverse Gene Expression Patterns in Colonies. MBio, 2015, 6, .	1.8	10
27	Long-range ordered vorticity patterns in living tissue induced by cell division. Nature Communications, 2014, 5, 5720.	5.8	51
28	Statistics of co-occurring keywords in confined text messages on Twitter. European Physical Journal: Special Topics, 2014, 223, 1849-1858.	1.2	3
29	Dynamics of the DNA repair proteins WRN and BLM in the nucleoplasm and nucleoli. European Biophysics Journal, 2014, 43, 509-516.	1.2	9
30	Stochastic competition between two populations in space. CISM International Centre for Mechanical Sciences, Courses and Lectures, 2014, , 105-117.	0.3	2
31	Entrainment of noise-induced and limit cycle oscillators under weak noise. Chaos, 2013, 23, 023125.	1.0	13
32	Growth, competition and cooperation in spatial population genetics. Theoretical Population Biology, 2013, 84, 72-86.	0.5	39
33	Excitable human dynamics driven by extrinsic events in massive communities. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 17259-17262.	3.3	45
34	The dynamics of genetic control in the cell: the good and bad of being late. Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences, 2013, 371, 20120469.	1.6	11
35	Comparative Network Analysis of Preterm vs. Full-Term Infant-Mother Interactions. PLoS ONE, 2013, 8, e67183.	1.1	5
36	Validation and Analysis of Forward Osmosis CFD Model in Complex 3D Geometries. Membranes, 2012, 2, 764-782.	1.4	24

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37	Population Genetics in Compressible Flows. Physical Review Letters, 2012, 108, 128102.	2.9	42
38	Modular networks of word correlations on Twitter. Scientific Reports, 2012, 2, 814.	1.6	7
39	Limit-cycle oscillations and stable patterns in repressor lattices. Physical Review E, 2012, 86, 031905.	0.8	2
40	Multiple Roles of Heparin in the Aggregation of p25α. Journal of Molecular Biology, 2012, 421, 601-615.	2.0	20
41	Population dynamics in compressible flows. European Physical Journal: Special Topics, 2012, 204, 57-73.	1.2	19
42	Effects of Growth and Mutation on Pattern Formation in Tissues. PLoS ONE, 2012, 7, e48772.	1.1	2
43	Inducing phase‐locking and chaos in cellular oscillators by modulating the driving stimuli. FEBS Letters, 2012, 586, 1664-1668.	1.3	37
44	Switching between oscillations and homeostasis in competing negative and positive feedback motifs. Journal of Theoretical Biology, 2012, 307, 205-210.	0.8	18
45	Nested feedback loops in gene regulation. Physica A: Statistical Mechanics and Its Applications, 2012, 391, 100-106.	1.2	11
46	Emergence and Decline of Scientific Paradigms. Physical Review Letters, 2011, 106, 058701.	2.9	31
47	Dickkopf1 - A New Player in Modelling the Wnt Pathway. PLoS ONE, 2011, 6, e25550.	1.1	10
48	Computational fluid dynamics simulations of flow and concentration polarization in forward osmosis membrane systems. Journal of Membrane Science, 2011, 379, 488-495.	4.1	143
49	Modeling the NF-κB mediated inflammatory response predicts cytokine waves in tissue. BMC Systems Biology, 2011, 5, 115.	3.0	54
50	Ecological oscillations induced by a shared predator and the "Winner peaks first" rule. Physical Review E, 2011, 84, 031915.	0.8	0
51	Analyzing inflammatory response as excitable media. Physical Review E, 2011, 84, 051913.	0.8	5
52	On two-dimensionalization of three-dimensional turbulence in shell models. European Physical Journal B, 2010, 73, 447-453.	0.6	13
53	Stress-specific response of the p53-Mdm2 feedback loop. BMC Systems Biology, 2010, 4, 94.	3.0	45
54	A Minimal Model for Multiple Epidemics and Immunity Spreading. PLoS ONE, 2010, 5, e13326.	1.1	24

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55	A Wnt Oscillator Model for Somitogenesis. Biophysical Journal, 2010, 98, 943-950.	0.2	45
56	Stop-and-go kinetics in amyloid fibrillation. Physical Review E, 2010, 82, 010901.	0.8	45
57	Modeling oscillatory control in NF-ÎºB, p53 and Wnt signaling. Current Opinion in Genetics and Development, 2010, 20, 656-664.	1.5	63
58	Three-dimensional turbulent relative dispersion by the Gledzer-Ohkitani-Yamada shell model. Physical Review E, 2010, 81, 017301.	0.8	2
59	What Can Be Learned from Inverse Statistics?. , 2010, , 247-270.		1
60	Repressor Lattice: Feedback, Commensurability, and Dynamical Frustration. Physical Review Letters, 2009, 103, 118101.	2.9	32
61	Symbolic Dynamics of Biological Feedback Networks. Physical Review Letters, 2009, 102, 088701.	2.9	16
62	Modeling proteasome dynamics in Parkinson's disease. Physical Biology, 2009, 6, 036005.	0.8	23
63	Frustrated bistability as a means to engineer oscillations in biological systems. Physical Biology, 2009, 6, 036009.	0.8	40
64	Genetic oscillation patterns. European Physical Journal: Special Topics, 2009, 178, 45-56.	1.2	5
65	Signaling and Feedback in Biological Networks. , 2009, , 73-93.		0
66	Resonant energy transfer in Boseâ€"Einstein condensates. Physica D: Nonlinear Phenomena, 2008, 237, 2476-2481.	1.3	5
67	Kolmogorov scaling from random force fields. Europhysics Letters, 2008, 84, 10011.	0.7	2
68	Dimensions, maximal growth sites, and optimization in the dielectric breakdown model. Physical Review E, 2008, 77, 066203.	0.8	7
69	Dynamical Genetic Regulation. NATO Science for Peace and Security Series B: Physics and Biophysics, 2008, , 61-81.	0.2	0
70	PULSES AND CHAOS: DYNAMICAL RESPONSE IN A SIMPLE GENETIC OSCILLATOR. International Journal of Modern Physics B, 2007, 21, 4083-4090.	1.0	5
71	Mode locking of a driven Bose-Einstein condensate. Physical Review E, 2007, 75, 036208.	0.8	12
72	Oscillation patterns in negative feedback loops. Proceedings of the National Academy of Sciences of the United States of America, 2007, 104, 6533-6537.	3.3	119

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73	Frustration driven stock market dynamics: Leverage effect and asymmetry. Physica A: Statistical Mechanics and Its Applications, 2007, 383, 1-4.	1.2	19
74	Oscillations and temporal signalling in cells. Physical Biology, 2007, 4, R1-R17.	0.8	108
75	Fear and its implications for stock markets. European Physical Journal B, 2007, 57, 153-158.	0.6	11
76	Exact periodic solutions of shell models of turbulence. Nonlinearity, 2007, 20, 2333-2352.	0.6	1
77	Synchronization model for stock market asymmetry. Journal of Statistical Mechanics: Theory and Experiment, 2006, 2006, L11001-L11001.	0.9	31
78	Diffusion, fragmentation and merging: Rate equations, distributions and critical points. Physica D: Nonlinear Phenomena, 2006, 222, 88-96.	1.3	0
79	Optimal investment horizons for stocks and markets. Physica A: Statistical Mechanics and Its Applications, 2006, 370, 64-67.	1.2	16
80	Scale-free cluster distributions from conserving merging-fragmentation processes. Europhysics Letters, 2006, 73, 422-428.	0.7	3
81	Genetic regulation of fluxes: iron homeostasis of Escherichia coli. Nucleic Acids Research, 2006, 34, 4960-4967.	6.5	62
82	Absorbing processes in Richardson diffusion: Analytical results. Physics of Fluids, 2006, 18, 048104.	1.6	5
83	Minimal model of spiky oscillations in NF-ÂB signaling. Proceedings of the National Academy of Sciences of the United States of America, 2006, 103, 10840-10845.	3.3	151
84	Analytical Approach to Continuous and Intermittent Bottleneck Flows. Physical Review Letters, 2006, 97, 168001.	2.9	146
85	Investment horizons : A time-dependent measure of asset performance. , 2006, , 246-251.		3
86	DIFFUSION, FRAGMENTATION AND MERGING PROCESSES IN ICE CRYSTALS, ALPHA HELICES AND OTHER SYSTEMS. , 2006, , 61-70.		0
87	Weak Noise Approach to the Logistic Map. Journal of Statistical Physics, 2005, 121, 759-778.	0.5	10
88	Diffusion, fragmentation, and coagulation processes: Analytical and numerical results. Physical Review E, 2005, 72, 031103.	0.8	11
89	Dual multifractal spectra. Physical Review E, 2004, 69, 016309.	0.8	14
90	Hurricanes and butterflies. Nature, 2004, 428, 127-128.	13.7	19

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91	Scaling and the prediction of energy spectra in decaying hydrodynamic turbulence. Physica A: Statistical Mechanics and Its Applications, 2004, 342, 471-478.	1.2	10
92	Inverse statistics in the foreign exchange market. Physica A: Statistical Mechanics and Its Applications, 2004, 340, 678-684.	1.2	50
93	Dynamics of crystal formation in the Greenland NorthGRIP ice core. Journal of Glaciology, 2004, 50, 325-328.	1.1	22
94	Inverse statistics in economics: the gainâ€"loss asymmetry. Physica A: Statistical Mechanics and Its Applications, 2003, 324, 338-343.	1.2	73
95	Sustained oscillations and time delays in gene expression of protein Hes1. FEBS Letters, 2003, 541, 176-177.	1.3	147
96	Inverse Fractal Statistics in Turbulence and Finance. International Journal of Modern Physics B, 2003, 17, 4003-4012.	1.0	31
97	Scaling exponent of the maximum growth probability in diffusion-limited aggregation. Physical Review E, 2003, 67, 042402.	0.8	19
98	Competition between Diffusion and Fragmentation: An Important Evolutionary Process of Nature. Physical Review Letters, 2003, 91, 266103.	2.9	15
99	Compact phases of polymers with hydrogen bonding. Physical Review E, 2003, 67, 021805.	0.8	8
100	Tip Splittings and Phase Transitions in the Dielectric Breakdown Model: Mapping to the Diffusion-Limited Aggregation Model. Physical Review Letters, 2002, 88, 235505.	2.9	9
101	Multifractal structure of the harmonic measure of diffusion-limited aggregates. Physical Review E, 2002, 65, 046109.	0.8	40
102	Critical â€œdimensionâ€•in shell model turbulence. Physical Review E, 2002, 65, 036305.	0.8	16
103	Per Bak (1947â€"2002). Nature, 2002, 420, 284-284.	13.7	1
104	Thermodynamics of proteins: Fast folders and sharp transitions. Computer Physics Communications, 2002, 147, 307-312.	3.0	9
105	Optimal investment horizons. European Physical Journal B, 2002, 27, 583-586.	0.6	72
106	Time delay as a key to apoptosis induction in the p53 network. European Physical Journal B, 2002, 29, 135-140.	0.6	101
107	Hydrogen Bonds in Polymer Folding. Physical Review Letters, 2001, 86, 1031-1033.	2.9	24
108	Thermodynamic Formalism of the Harmonic Measure of Diffusion Limited Aggregates: Phase Transition. Physical Review Letters, 2001, 87, 164101.	2.9	17

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109	Modeling molecular motors as folding-unfolding cycles. Europhysics Letters, 2000, 50, 120-124.	0.7	1
110	Proteins top–down: a statistical mechanics approach. Physica A: Statistical Mechanics and Its Applications, 2000, 288, 21-30.	1.2	3
111	Pulses in the zero-spacing limit of the GOY model. Physica D: Nonlinear Phenomena, 2000, 138, 44-62.	1.3	5
112	Fixed points, stability, and intermittency in a shell model for advection of passive scalars. Physical Review E, 2000, 62, 2200-2205.	0.8	1
113	Pathways in Two-State Protein Folding. Biophysical Journal, 2000, 79, 2722-2727.	0.2	22
114	A Model for the Thermodynamics of Proteins. , 2000, , 89-99.		0
115	Multiscaling and Structure Functions in Turbulence: An Alternative Approach. Physical Review Letters, 1999, 83, 76-79.	2.9	62
116	Statistical properties of turbulent dynamical systems. Physica A: Statistical Mechanics and Its Applications, 1999, 263, 155-157.	1.2	1
117	A model for the thermodynamics of globular proteins. Physica A: Statistical Mechanics and Its Applications, 1999, 270, 278-287.	1.2	6
118	Hot and cold denaturation of proteins: Critical aspects. European Physical Journal B, 1999, 10, 193-196.	0.6	15
119	Chaotic Behavior in Shell Models and Shell Maps. Journal of Statistical Physics, 1998, 93, 833-842.	0.5	6
120	Statistical mechanics of warm and cold unfolding in proteins. European Physical Journal B, 1998, 6, 157-161.	0.6	41
121	A hierarchical scheme for cooperativity and folding in proteins. Physica A: Statistical Mechanics and Its Applications, 1998, 250, 355-361.	1.2	19
122	Turbulent binary fluids: A shell model study. Physica D: Nonlinear Phenomena, 1998, 111, 243-264.	1.3	5
123	Dynamical organization around turbulent bursts. Physical Review E, 1998, 57, 6643-6646.	0.8	7
124	Directed percolation universality in asynchronous evolution of spatiotemporal intermittency. Physical Review E, 1998, 57, R2503-R2506.	0.8	52
125	Bursts and shocks in a continuum shell model. European Physical Journal Special Topics, 1998, 08, Pr6-121-Pr6-130.	0.2	1
126	Onset of criticality and transport in a driven diffusive system. Physical Review E, 1997, 55, R2085-R2088.	0.8	6

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127	Morphological Instabilities in a Growing Yeast Colony: Experiment and Theory. Physical Review Letters, 1997, 79, 313-316.	2.9	32
128	Directed percolation with an absorbing boundary. Physica A: Statistical Mechanics and Its Applications, 1997, 247, 1-9.	1.2	20
129	Simulating models of turbulence and interfaces. Mathematics and Computers in Simulation, 1996, 40, 193-206.	2.4	0
130	Self-organized critical dynamics of fronts: Intermittency and multiscaling. Chaos, Solitons and Fractals, 1995, 5, 1847-1854.	2.5	1
131	Distributions of self-interactions and voids in (1+1)-dimensional directed percolation. Physical Review E, 1995, 52, R2133-R2136.	0.8	20
132	A DIMENSION FORMULA FOR SELF-SIMILAR AND SELF-AFFINE FRACTALS. Fractals, 1995, 03, 525-531.	1.8	12
133	Multidiffusion in critical dynamics of strings and membranes. Physical Review E, 1994, 49, 919-922.	0.8	16
134	Random fractals, phase transitions, and negative dimension spectra. Physical Review E, 1994, 50, 4352-4356.	0.8	14
135	Intermittent dynamics and self-organized depinning in propagating fronts. Physical Review E, 1994, 49, 2804-2808.	0.8	7
136	Intermittency and predictability in a shell model for three-dimensional turbulence. Physica D: Nonlinear Phenomena, 1994, 76, 239-251.	1.3	4
137	PREDICTABILITY AND THE BUTTERFLY EFFECT IN TURBULENT FLOWS: A SHELL MODEL STUDY. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 1993, 03, 1581-1585.	0.7	2
138	Predictability of velocity and temperature fields in intermittent turbulence. Journal of Physics A, 1993, 26, 6943-6960.	1.6	21
139	Sneppen and Jensen reply. Physical Review Letters, 1993, 70, 3833-3833.	2.9	26
140	Colored activity in self-organized critical interface dynamics. Physical Review Letters, 1993, 71, 101-104.	2.9	54
141	Intermittency and predictability in turbulence. Physical Review Letters, 1993, 70, 166-169.	2.9	51
142	Dynamical models for fully developed turbulence. Physica Scripta, 1993, T49A, 80-83.	1.2	1
143	Critical Wrinkling of Depinned Interfaces, Strings and Membranes. , 1993, , 437-443.		0
144	The Fractal Dimension of Iso-Vorticity Structures in 3-Dimensional Turbulence. Europhysics Letters, 1992, 19, 183-187.	0.7	17

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145	Shell model for turbulent advection of passive-scalar fields. Physical Review A, 1992, 45, 7214-7221.	1.0	60
146	Chaotic interface dynamics: A model with turbulent behavior. Physical Review A, 1992, 46, 4791-4796.	1.0	2
147	Strongly intermittent chaos and scaling in an earthquake model. Physical Review A, 1992, 46, R7363-R7366.	1.0	31
148	Surface roughening and the long-wavelength properties of the Kuramoto-Sivashinsky equation. Physical Review A, 1992, 46, 3220-3224.	1.0	55
149	Multifractality of growing surfaces. Physical Review A, 1992, 45, R6951-R6954.	1.0	62
150	Dynamic scaling and crossover analysis for the Kuramoto-Sivashinsky equation. Physical Review A, 1992, 46, R7351-R7354.	1.0	113
151	Multifractility in a shell model for 3D turbulence. Physica A: Statistical Mechanics and Its Applications, 1992, 185, 19-27.	1.2	2
152	Critical correlations in coupled map lattices. Physics Letters, Section A: General, Atomic and Solid State Physics, 1992, 163, 275-278.	0.9	18
153	Turbulence, power laws and Galilean invariance. Physica D: Nonlinear Phenomena, 1992, 59, 177-184.	1.3	13
154	Multiscaling in multifractals. Physical Review Letters, 1991, 67, 208-211.	2.9	44
155	Models of Turbulence. Physica Scripta, 1991, T38, 22-27.	1.2	4
156	Intermittency in a cascade model for three-dimensional turbulence. Physical Review A, 1991, 43, 798-805.	1.0	171
157	Unusual exponents in interface roughening:Âthe effects of pinning. Journal De Physique II, 1991, 1, 1139-1146.	0.9	15
158	Multifractals, Multiscaling and the Energy Cascade of Turbulence. , 1991, , 327-347.		0
159	Critical Behaviour and Mean-Field Theory of Coupled Map Lattices. Physica Scripta, 1990, T33, 189-192.	1.2	0
160	A deterministic critical forest fire model. Physics Letters, Section A: General, Atomic and Solid State Physics, 1990, 149, 207-210.	0.9	59
161	Reply to some comments on a proposed universal strange attractor on wrinkled tori. Nonlinearity, 1990, 3, 555-555.	0.6	0
162	Transition to turbulence in a discrete Ginzburg-Landau model. Physical Review A, 1990, 42, 3626-3629.	1.0	39

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163	Mean-field theory and critical behavior of coupled map lattices. Physical Review A, 1990, 41, 4210-4222.	1.0	42
164	Fluctuations and scaling in a model for boundary-layer-induced turbulence. Physical Review Letters, 1989, 62, 1361-1363.	2.9	24
165	Boundary layer instability in a coupled-map model. Physica D: Nonlinear Phenomena, 1989, 38, 203-207.	1.3	5
166	Comment on â€˜â€˜Organization of chaosâ€™â€™. Physical Review Letters, 1988, 60, 1680-1680.	2.9	7
167	Universal strange attractors on wrinkled tori. Nonlinearity, 1988, 1, 157-180.	0.6	40
168	Fractal â€œAggregatesâ€•in the Complex Plane. Europhysics Letters, 1988, 6, 445-450.	0.7	34
169	Muitifractals in Convection and Aggregation. , 1988, , 292-309.		0
170	Order parameter, symmetry breaking, and phase transitions in the description of multifractal sets. Physical Review A, 1987, 36, 4904-4915.	1.0	47
171	Effect of gravity on the Saffman-Taylor meniscus: Theory and experiment. Physical Review A, 1987, 35, 2221-2227.	1.0	26
172	Interface dynamics in directional solidification: A lattice simulation with biased random walkers. Physical Review A, 1987, 35, 1877-1883.	1.0	20
173	Multifractal scaling structure at the onset of chaos: Theory and experiment. Nuclear Physics, Section B, Proceedings Supplements, 1987, 2, 487-495.	0.5	3
174	Scaling structure and thermodynamics of strange sets. Physical Review A, 1987, 36, 1409-1420.	1.0	98
175	Time ordering and the thermodynamics of strange sets: Theory and experimental tests. Nuclear Physics, Section B, Proceedings Supplements, 1987, 2, 497-500.	0.5	0
176	Fractal measures and their singularities: The characterization of strange sets. Nuclear Physics, Section B, Proceedings Supplements, 1987, 2, 501-511.	0.5	44
177	Global University at the onset of chaos: Results of a forced Rayleigh-BÃ©nard experiment. Nuclear Physics, Section B, Proceedings Supplements, 1987, 2, 513-516.	0.5	2
178	Multifractals: Formalism and Experiments. , 1987, , 173-183.		1
179	CIRCLE MAPS IN THE COMPLEX PLANE. , 1986, , 439-445.		1
180	Spectra of scaling indices for fractal measures: Theory and experiment. Physica D: Nonlinear Phenomena, 1986, 23, 112-117.	1.3	24

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181	Fractal measures and their singularities: The characterization of strange sets. Physical Review A, 1986, 33, 1141-1151.	1.0	3,059
182	Structure of Arnold tongues and the f($\hat{I}\pm$) spectrum for period doubling: Experimental results. Physical Review A, 1986, 34, 1621-1624.	1.0	63
183	Renormalization-group analysis of the global structure of the period-doubling attractor. Physical Review A, 1986, 33, 3622-3624.	1.0	36
184	Time Ordering and the Thermodynamics of Strange Sets: Theory and Experimental Tests. Physical Review Letters, 1986, 57, 1503-1506.	2.9	140
185	Spatial Chaos. Physica Scripta, 1985, T9, 64-69.	1.2	12
186	Renormalization, unstable manifolds, and the fractal structure of mode locking. Physical Review Letters, 1985, 55, 343-346.	2.9	115
187	Chaos via quasiperiodicity: Universal scaling laws in the chaotic regime. Physical Review A, 1985, 32, 1225-1228.	1.0	13
188	Global Universality at the Onset of Chaos: Results of a Forced Rayleigh-Bénard Experiment. Physical Review Letters, 1985, 55, 2798-2801.	2.9	272
189	Mode-Locking and the Transition to Chaos in Dissipative Systems. Physica Scripta, 1985, T9, 50-58.	1.2	77
190	Fractal structure of subharmonic steps in a Josephson junction: An analog computer calculation. Physics Letters, Section A: General, Atomic and Solid State Physics, 1984, 103, 171-174.	0.9	29
191	Josephson junctions and circle maps. Solid State Communications, 1984, 51, 231-234.	0.9	42
192	Pinning and annealing of solitons in modulated systems. Physical Review B, 1984, 29, 6280-6284.	1.1	34
193	Transition to chaos by interaction of resonances in dissipative systems. II. Josephson junctions, charge-density waves, and standard maps. Physical Review A, 1984, 30, 1970-1981.	1.0	211
194	Transition to chaos by interaction of resonances in dissipative systems. I. Circle maps. Physical Review A, 1984, 30, 1960-1969.	1.0	387
195	Complete Devil's Staircase, Fractal Dimension, and Universality of Mode- Locking Structure in the Circle Map. Physical Review Letters, 1983, 50, 1637-1639.	2.9	296
196	Mean-field theory of the three-dimensional anisotropic Ising model as a four-dimensional mapping. Physical Review B, 1983, 27, 6853-6868.	1.1	112
197	Pinning-free soliton lattices and bifurcation in a discrete double-well model: exact results. Journal of Physics A, 1983, 16, 4369-4375.	1.6	14
198	Interchain interaction and fractionally charged solitons in a commensurate charge-density-wave system. Physical Review B, 1982, 26, 1086-1089.	1.1	6

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200	Theory of helical magnetic structures and phase transitions in MnSi and FeGe. Journal of Physics C: Solid State Physics, 1980, 13, L881-L885.	1.5	593
201	Optimal Investment Horizons. SSRN Electronic Journal, 0, , .	0.4	3
202	Temperature Controls Onset and Period of NF-κB Oscillations and can Lead to Chaotic Dynamics. Frontiers in Cell and Developmental Biology, 0, 10, .	1.8	1