

# Mogens HÃgh Jensen

## List of Publications by Year in descending order

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202  
papers

10,519  
citations

66234

42  
h-index

37111

96  
g-index

212  
all docs

212  
docs citations

212  
times ranked

6186  
citing authors

#	ARTICLE	IF	CITATIONS
1	Fractal measures and their singularities: The characterization of strange sets. <i>Physical Review A</i> , 1986, 33, 1141-1151.	1.0	3,059
2	Theory of helical magnetic structures and phase transitions in MnSi and FeGe. <i>Journal of Physics C: Solid State Physics</i> , 1980, 13, L881-L885.	1.5	593
3	Transition to chaos by interaction of resonances in dissipative systems. I. Circle maps. <i>Physical Review A</i> , 1984, 30, 1960-1969.	1.0	387
4	Complete Devil's Staircase, Fractal Dimension, and Universality of Mode-Locking Structure in the Circle Map. <i>Physical Review Letters</i> , 1983, 50, 1637-1639.	2.9	296
5	Global Universality at the Onset of Chaos: Results of a Forced Rayleigh-Bénard Experiment. <i>Physical Review Letters</i> , 1985, 55, 2798-2801.	2.9	272
6	Transition to chaos by interaction of resonances in dissipative systems. II. Josephson junctions, charge-density waves, and standard maps. <i>Physical Review A</i> , 1984, 30, 1970-1981.	1.0	211
7	Intermittency in a cascade model for three-dimensional turbulence. <i>Physical Review A</i> , 1991, 43, 798-805.	1.0	171
8	Minimal model of spiky oscillations in NF- $\kappa$ B signaling. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2006, 103, 10840-10845.	3.3	151
9	Sustained oscillations and time delays in gene expression of protein Hes1. <i>FEBS Letters</i> , 2003, 541, 176-177.	1.3	147
10	Analytical Approach to Continuous and Intermittent Bottleneck Flows. <i>Physical Review Letters</i> , 2006, 97, 168001.	2.9	146
11	Computational fluid dynamics simulations of flow and concentration polarization in forward osmosis membrane systems. <i>Journal of Membrane Science</i> , 2011, 379, 488-495.	4.1	143
12	Time Ordering and the Thermodynamics of Strange Sets: Theory and Experimental Tests. <i>Physical Review Letters</i> , 1986, 57, 1503-1506.	2.9	140
13	Oscillation patterns in negative feedback loops. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2007, 104, 6533-6537.	3.3	119
14	Renormalization, unstable manifolds, and the fractal structure of mode locking. <i>Physical Review Letters</i> , 1985, 55, 343-346.	2.9	115
15	Dynamic scaling and crossover analysis for the Kuramoto-Sivashinsky equation. <i>Physical Review A</i> , 1992, 46, R7351-R7354.	1.0	113
16	Mean-field theory of the three-dimensional anisotropic Ising model as a four-dimensional mapping. <i>Physical Review B</i> , 1983, 27, 6853-6868.	1.1	112
17	Oscillations and temporal signalling in cells. <i>Physical Biology</i> , 2007, 4, R1-R17.	0.8	108
18	Time delay as a key to apoptosis induction in the p53 network. <i>European Physical Journal B</i> , 2002, 29, 135-140.	0.6	101

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19	Scaling structure and thermodynamics of strange sets. <i>Physical Review A</i> , 1987, 36, 1409-1420.	1.0	98
20	Structure of a Functional Amyloid Protein Subunit Computed Using Sequence Variation. <i>Journal of the American Chemical Society</i> , 2015, 137, 22-25.	6.6	98
21	Mode-Locking and the Transition to Chaos in Dissipative Systems. <i>Physica Scripta</i> , 1985, T9, 50-58.	1.2	77
22	Inverse statistics in economics: the gain-loss asymmetry. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2003, 324, 338-343.	1.2	73
23	Optimal investment horizons. <i>European Physical Journal B</i> , 2002, 27, 583-586.	0.6	72
24	Structure of Arnold tongues and the $f(\hat{I})$ spectrum for period doubling: Experimental results. <i>Physical Review A</i> , 1986, 34, 1621-1624.	1.0	63
25	Modeling oscillatory control in NF- $\kappa$ B, p53 and Wnt signaling. <i>Current Opinion in Genetics and Development</i> , 2010, 20, 656-664.	1.5	63
26	Multifractality of growing surfaces. <i>Physical Review A</i> , 1992, 45, R6951-R6954.	1.0	62
27	Multiscaling and Structure Functions in Turbulence: An Alternative Approach. <i>Physical Review Letters</i> , 1999, 83, 76-79.	2.9	62
28	Genetic regulation of fluxes: iron homeostasis of <i>Escherichia coli</i> . <i>Nucleic Acids Research</i> , 2006, 34, 4960-4967.	6.5	62
29	Shell model for turbulent advection of passive-scalar fields. <i>Physical Review A</i> , 1992, 45, 7214-7221.	1.0	60
30	On chaotic dynamics in transcription factors and the associated effects in differential gene regulation. <i>Nature Communications</i> , 2019, 10, 71.	5.8	60
31	A deterministic critical forest fire model. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1990, 149, 207-210.	0.9	59
32	Surface roughening and the long-wavelength properties of the Kuramoto-Sivashinsky equation. <i>Physical Review A</i> , 1992, 46, 3220-3224.	1.0	55
33	Colored activity in self-organized critical interface dynamics. <i>Physical Review Letters</i> , 1993, 71, 101-104.	2.9	54
34	Modeling the NF- $\kappa$ B mediated inflammatory response predicts cytokine waves in tissue. <i>BMC Systems Biology</i> , 2011, 5, 115.	3.0	54
35	Directed percolation universality in asynchronous evolution of spatiotemporal intermittency. <i>Physical Review E</i> , 1998, 57, R2503-R2506.	0.8	52
36	Intermittency and predictability in turbulence. <i>Physical Review Letters</i> , 1993, 70, 166-169.	2.9	51

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37	Long-range ordered vorticity patterns in living tissue induced by cell division. <i>Nature Communications</i> , 2014, 5, 5720.	5.8	51
38	Inverse statistics in the foreign exchange market. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 340, 678-684.	1.2	50
39	Order parameter, symmetry breaking, and phase transitions in the description of multifractal sets. <i>Physical Review A</i> , 1987, 36, 4904-4915.	1.0	47
40	Stress-specific response of the p53-Mdm2 feedback loop. <i>BMC Systems Biology</i> , 2010, 4, 94.	3.0	45
41	A Wnt Oscillator Model for Somitogenesis. <i>Biophysical Journal</i> , 2010, 98, 943-950.	0.2	45
42	Stop-and-go kinetics in amyloid fibrillation. <i>Physical Review E</i> , 2010, 82, 010901.	0.8	45
43	Excitable human dynamics driven by extrinsic events in massive communities. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013, 110, 17259-17262.	3.3	45
44	Fractal measures and their singularities: The characterization of strange sets. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1987, 2, 501-511.	0.5	44
45	Multiscaling in multifractals. <i>Physical Review Letters</i> , 1991, 67, 208-211.	2.9	44
46	Noise Induces Hopping between NF- $\kappa$ B Entrainment Modes. <i>Cell Systems</i> , 2016, 3, 532-539.e3.	2.9	44
47	Four simple rules that are sufficient to generate the mammalian blastocyst. <i>PLoS Biology</i> , 2017, 15, e2000737.	2.6	44
48	Josephson junctions and circle maps. <i>Solid State Communications</i> , 1984, 51, 231-234.	0.9	42
49	Mean-field theory and critical behavior of coupled map lattices. <i>Physical Review A</i> , 1990, 41, 4210-4222.	1.0	42
50	Population Genetics in Compressible Flows. <i>Physical Review Letters</i> , 2012, 108, 128102.	2.9	42
51	Statistical mechanics of warm and cold unfolding in proteins. <i>European Physical Journal B</i> , 1998, 6, 157-161.	0.6	41
52	Universal strange attractors on wrinkled tori. <i>Nonlinearity</i> , 1988, 1, 157-180.	0.6	40
53	Multifractal structure of the harmonic measure of diffusion-limited aggregates. <i>Physical Review E</i> , 2002, 65, 046109.	0.8	40
54	Frustrated bistability as a means to engineer oscillations in biological systems. <i>Physical Biology</i> , 2009, 6, 036009.	0.8	40

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55	Transition to turbulence in a discrete Ginzburg-Landau model. <i>Physical Review A</i> , 1990, 42, 3626-3629.	1.0	39
56	Growth, competition and cooperation in spatial population genetics. <i>Theoretical Population Biology</i> , 2013, 84, 72-86.	0.5	39
57	Gender bias in Nobel prizes. <i>Palgrave Communications</i> , 2019, 5, .	4.7	38
58	Inducing phase-locking and chaos in cellular oscillators by modulating the driving stimuli. <i>FEBS Letters</i> , 2012, 586, 1664-1668.	1.3	37
59	Renormalization-group analysis of the global structure of the period-doubling attractor. <i>Physical Review A</i> , 1986, 33, 3622-3624.	1.0	36
60	Pinning and annealing of solitons in modulated systems. <i>Physical Review B</i> , 1984, 29, 6280-6284.	1.1	34
61	Fractal "Aggregates" in the Complex Plane. <i>Europhysics Letters</i> , 1988, 6, 445-450.	0.7	34
62	Morphological Instabilities in a Growing Yeast Colony: Experiment and Theory. <i>Physical Review Letters</i> , 1997, 79, 313-316.	2.9	32
63	Repressor Lattice: Feedback, Commensurability, and Dynamical Frustration. <i>Physical Review Letters</i> , 2009, 103, 118101.	2.9	32
64	Strongly intermittent chaos and scaling in an earthquake model. <i>Physical Review A</i> , 1992, 46, R7363-R7366.	1.0	31
65	Inverse Fractal Statistics in Turbulence and Finance. <i>International Journal of Modern Physics B</i> , 2003, 17, 4003-4012.	1.0	31
66	Synchronization model for stock market asymmetry. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2006, 2006, L11001-L11001.	0.9	31
67	Emergence and Decline of Scientific Paradigms. <i>Physical Review Letters</i> , 2011, 106, 058701.	2.9	31
68	Fractal structure of subharmonic steps in a Josephson junction: An analog computer calculation. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1984, 103, 171-174.	0.9	29
69	A tale of two rhythms: Locked clocks and chaos in biology. <i>Cell Systems</i> , 2021, 12, 291-303.	2.9	29
70	Chaotic Dynamics Mediate Brain State Transitions, Driven by Changes in Extracellular Ion Concentrations. <i>Cell Systems</i> , 2017, 5, 591-603.e4.	2.9	27
71	Effect of gravity on the Saffman-Taylor meniscus: Theory and experiment. <i>Physical Review A</i> , 1987, 35, 2221-2227.	1.0	26
72	Sneppen and Jensen reply. <i>Physical Review Letters</i> , 1993, 70, 3833-3833.	2.9	26

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73	Spectra of scaling indices for fractal measures: Theory and experiment. <i>Physica D: Nonlinear Phenomena</i> , 1986, 23, 112-117.	1.3	24
74	Fluctuations and scaling in a model for boundary-layer-induced turbulence. <i>Physical Review Letters</i> , 1989, 62, 1361-1363.	2.9	24
75	Hydrogen Bonds in Polymer Folding. <i>Physical Review Letters</i> , 2001, 86, 1031-1033.	2.9	24
76	A Minimal Model for Multiple Epidemics and Immunity Spreading. <i>PLoS ONE</i> , 2010, 5, e13326.	1.1	24
77	Validation and Analysis of Forward Osmosis CFD Model in Complex 3D Geometries. <i>Membranes</i> , 2012, 2, 764-782.	1.4	24
78	Modeling proteasome dynamics in Parkinson's disease. <i>Physical Biology</i> , 2009, 6, 036005.	0.8	23
79	Pathways in Two-State Protein Folding. <i>Biophysical Journal</i> , 2000, 79, 2722-2727.	0.2	22
80	Dynamics of crystal formation in the Greenland NorthGRIP ice core. <i>Journal of Glaciology</i> , 2004, 50, 325-328.	1.1	22
81	Tuning of Recombinant Protein Expression in <i>Escherichia coli</i> by Manipulating Transcription, Translation Initiation Rates, and Incorporation of Noncanonical Amino Acids. <i>ACS Synthetic Biology</i> , 2017, 6, 1076-1085.	1.9	22
82	Predictability of velocity and temperature fields in intermittent turbulence. <i>Journal of Physics A</i> , 1993, 26, 6943-6960.	1.6	21
83	Interface dynamics in directional solidification: A lattice simulation with biased random walkers. <i>Physical Review A</i> , 1987, 35, 1877-1883.	1.0	20
84	Distributions of self-interactions and voids in (1+1)-dimensional directed percolation. <i>Physical Review E</i> , 1995, 52, R2133-R2136.	0.8	20
85	Directed percolation with an absorbing boundary. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1997, 247, 1-9.	1.2	20
86	Multiple Roles of Heparin in the Aggregation of p25 $\pm$ . <i>Journal of Molecular Biology</i> , 2012, 421, 601-615.	2.0	20
87	A hierarchical scheme for cooperativity and folding in proteins. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1998, 250, 355-361.	1.2	19
88	Scaling exponent of the maximum growth probability in diffusion-limited aggregation. <i>Physical Review E</i> , 2003, 67, 042402.	0.8	19
89	Hurricanes and butterflies. <i>Nature</i> , 2004, 428, 127-128.	13.7	19
90	Frustration driven stock market dynamics: Leverage effect and asymmetry. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2007, 383, 1-4.	1.2	19

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91	Population dynamics in compressible flows. <i>European Physical Journal: Special Topics</i> , 2012, 204, 57-73.	1.2	19
92	The length distribution of frangible biofilaments. <i>Journal of Chemical Physics</i> , 2015, 143, 164901.	1.2	19
93	Measure of Node Similarity in Multilayer Networks. <i>PLoS ONE</i> , 2016, 11, e0157436.	1.1	19
94	Critical correlations in coupled map lattices. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 1992, 163, 275-278.	0.9	18
95	Switching between oscillations and homeostasis in competing negative and positive feedback motifs. <i>Journal of Theoretical Biology</i> , 2012, 307, 205-210.	0.8	18
96	The Fractal Dimension of Iso-Vorticity Structures in 3-Dimensional Turbulence. <i>Europhysics Letters</i> , 1992, 19, 183-187.	0.7	17
97	Thermodynamic Formalism of the Harmonic Measure of Diffusion Limited Aggregates: Phase Transition. <i>Physical Review Letters</i> , 2001, 87, 164101.	2.9	17
98	Expanding the Genetic Code of a Photoautotrophic Organism. <i>Biochemistry</i> , 2017, 56, 2161-2165.	1.2	17
99	Multidiffusion in critical dynamics of strings and membranes. <i>Physical Review E</i> , 1994, 49, 919-922.	0.8	16
100	Critical "dimension" in shell model turbulence. <i>Physical Review E</i> , 2002, 65, 036305.	0.8	16
101	Optimal investment horizons for stocks and markets. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006, 370, 64-67.	1.2	16
102	Symbolic Dynamics of Biological Feedback Networks. <i>Physical Review Letters</i> , 2009, 102, 088701.	2.9	16
103	Inferring Leading Interactions in the p53/Mdm2/Mdmx Circuit through Live-Cell Imaging and Modeling. <i>Cell Systems</i> , 2019, 9, 548-558.e5.	2.9	16
104	Hot and cold denaturation of proteins: Critical aspects. <i>European Physical Journal B</i> , 1999, 10, 193-196.	0.6	15
105	Competition between Diffusion and Fragmentation: An Important Evolutionary Process of Nature. <i>Physical Review Letters</i> , 2003, 91, 266103.	2.9	15
106	Unusual exponents in interface roughening: The effects of pinning. <i>Journal De Physique II</i> , 1991, 1, 1139-1146.	0.9	15
107	Pinning-free soliton lattices and bifurcation in a discrete double-well model: exact results. <i>Journal of Physics A</i> , 1983, 16, 4369-4375.	1.6	14
108	Random fractals, phase transitions, and negative dimension spectra. <i>Physical Review E</i> , 1994, 50, 4352-4356.	0.8	14

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109	Dual multifractal spectra. <i>Physical Review E</i> , 2004, 69, 016309.	0.8	14
110	Bifurcations and chaos in the $\mathbb{Z}_4$ theory on a lattice. <i>Journal of Physics A</i> , 1982, 15, 1893-1907.	1.6	13
111	Chaos via quasiperiodicity: Universal scaling laws in the chaotic regime. <i>Physical Review A</i> , 1985, 32, 1225-1228.	1.0	13
112	Turbulence, power laws and Galilean invariance. <i>Physica D: Nonlinear Phenomena</i> , 1992, 59, 177-184.	1.3	13
113	On two-dimensionalization of three-dimensional turbulence in shell models. <i>European Physical Journal B</i> , 2010, 73, 447-453.	0.6	13
114	Entrainment of noise-induced and limit cycle oscillators under weak noise. <i>Chaos</i> , 2013, 23, 023125.	1.0	13
115	Spatial Chaos. <i>Physica Scripta</i> , 1985, T9, 64-69.	1.2	12
116	A DIMENSION FORMULA FOR SELF-SIMILAR AND SELF-AFFINE FRACTALS. <i>Fractals</i> , 1995, 03, 525-531.	1.8	12
117	Mode locking of a driven Bose-Einstein condensate. <i>Physical Review E</i> , 2007, 75, 036208.	0.8	12
118	Chaos in disease outbreaks among prey. <i>Scientific Reports</i> , 2020, 10, 3907.	1.6	12
119	Diffusion, fragmentation, and coagulation processes: Analytical and numerical results. <i>Physical Review E</i> , 2005, 72, 031103.	0.8	11
120	Fear and its implications for stock markets. <i>European Physical Journal B</i> , 2007, 57, 153-158.	0.6	11
121	Nested feedback loops in gene regulation. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2012, 391, 100-106.	1.2	11
122	The dynamics of genetic control in the cell: the good and bad of being late. <i>Philosophical Transactions Series A, Mathematical, Physical, and Engineering Sciences</i> , 2013, 371, 20120469.	1.6	11
123	Scaling and the prediction of energy spectra in decaying hydrodynamic turbulence. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004, 342, 471-478.	1.2	10
124	Weak Noise Approach to the Logistic Map. <i>Journal of Statistical Physics</i> , 2005, 121, 759-778.	0.5	10
125	Dickkopf1 - A New Player in Modelling the Wnt Pathway. <i>PLoS ONE</i> , 2011, 6, e25550.	1.1	10
126	The role of mRNA and protein stability in the function of coupled positive and negative feedback systems in eukaryotic cells. <i>Scientific Reports</i> , 2015, 5, 13910.	1.6	10



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127	Coupled Positive and Negative Feedbacks Produce Diverse Gene Expression Patterns in Colonies. MBio, 2015, 6, .	1.8	10
128	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
129	Thermodynamics of proteins: Fast folders and sharp transitions. Computer Physics Communications, 2002, 147, 307-312.	3.0	9
130	Dynamics of the DNA repair proteins WRN and BLM in the nucleoplasm and nucleoli. European Biophysics Journal, 2014, 43, 509-516.	1.2	9
131	A Monte Carlo Study of the Early Steps of Functional Amyloid Formation. PLoS ONE, 2016, 11, e0146096.	1.1	9
132	Compact phases of polymers with hydrogen bonding. Physical Review E, 2003, 67, 021805.	0.8	8
133	Comment on "Organization of chaos". Physical Review Letters, 1988, 60, 1680-1680.	2.9	7
134	Intermittent dynamics and self-organized depinning in propagating fronts. Physical Review E, 1994, 49, 2804-2808.	0.8	7
135	Dynamical organization around turbulent bursts. Physical Review E, 1998, 57, 6643-6646.	0.8	7
136	Dimensions, maximal growth sites, and optimization in the dielectric breakdown model. Physical Review E, 2008, 77, 066203.	0.8	7
137	Modular networks of word correlations on Twitter. Scientific Reports, 2012, 2, 814.	1.6	7
138	Interchain interaction and fractionally charged solitons in a commensurate charge-density-wave system. Physical Review B, 1982, 26, 1086-1089.	1.1	6
139	Onset of criticality and transport in a driven diffusive system. Physical Review E, 1997, 55, R2085-R2088.	0.8	6
140	Chaotic Behavior in Shell Models and Shell Maps. Journal of Statistical Physics, 1998, 93, 833-842.	0.5	6
141	A model for the thermodynamics of globular proteins. Physica A: Statistical Mechanics and Its Applications, 1999, 270, 278-287.	1.2	6
142	A monomer-trimer model supports intermittent glucagon fibril growth. Scientific Reports, 2015, 5, 9005.	1.6	6
143	Entrainment as a means of controlling phase waves in populations of coupled oscillators. Physical Review E, 2018, 98, .	0.8	6
144	Boundary layer instability in a coupled-map model. Physica D: Nonlinear Phenomena, 1989, 38, 203-207.	1.3	5

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145	Turbulent binary fluids: A shell model study. <i>Physica D: Nonlinear Phenomena</i> , 1998, 111, 243-264.	1.3	5
146	Pulses in the zero-spacing limit of the GOY model. <i>Physica D: Nonlinear Phenomena</i> , 2000, 138, 44-62.	1.3	5
147	Absorbing processes in Richardson diffusion: Analytical results. <i>Physics of Fluids</i> , 2006, 18, 048104.	1.6	5
148	PULSES AND CHAOS: DYNAMICAL RESPONSE IN A SIMPLE GENETIC OSCILLATOR. <i>International Journal of Modern Physics B</i> , 2007, 21, 4083-4090.	1.0	5
149	Resonant energy transfer in Bose-Einstein condensates. <i>Physica D: Nonlinear Phenomena</i> , 2008, 237, 2476-2481.	1.3	5
150	Genetic oscillation patterns. <i>European Physical Journal: Special Topics</i> , 2009, 178, 45-56.	1.2	5
151	Analyzing inflammatory response as excitable media. <i>Physical Review E</i> , 2011, 84, 051913.	0.8	5
152	Locked body clocks. <i>Nature Physics</i> , 2019, 15, 989-990.	6.5	5
153	Emergence of chimera states in a neuronal model of delayed oscillators. <i>Physical Review Research</i> , 2021, 3, .	1.3	5
154	Comparative Network Analysis of Preterm vs. Full-Term Infant-Mother Interactions. <i>PLoS ONE</i> , 2013, 8, e67183.	1.1	5
155	Models of Turbulence. <i>Physica Scripta</i> , 1991, T38, 22-27.	1.2	4
156	Intermittency and predictability in a shell model for three-dimensional turbulence. <i>Physica D: Nonlinear Phenomena</i> , 1994, 76, 239-251.	1.3	4
157	Bifractal nature of chromosome contact maps. <i>Physical Review Research</i> , 2020, 2, .	1.3	4
158	Multifractal scaling structure at the onset of chaos: Theory and experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1987, 2, 487-495.	0.5	3
159	Proteins top-down: a statistical mechanics approach. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000, 288, 21-30.	1.2	3
160	Scale-free cluster distributions from conserving merging-fragmentation processes. <i>Europhysics Letters</i> , 2006, 73, 422-428.	0.7	3
161	Statistics of co-occurring keywords in confined text messages on Twitter. <i>European Physical Journal: Special Topics</i> , 2014, 223, 1849-1858.	1.2	3
162	Time Correlations in Mode Hopping of Coupled Oscillators. <i>Journal of Statistical Physics</i> , 2017, 167, 792-805.	0.5	3

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163	Constraints on somite formation in developing embryos. <i>Journal of the Royal Society Interface</i> , 2019, 16, 20190451.	1.5	3
164	Investment horizons : A time-dependent measure of asset performance. , 2006, , 246-251.		3
165	Optimal Investment Horizons. <i>SSRN Electronic Journal</i> , 0, , .	0.4	3
166	Global Universality at the onset of chaos: Results of a forced Rayleigh-Bénard experiment. <i>Nuclear Physics, Section B, Proceedings Supplements</i> , 1987, 2, 513-516.	0.5	2
167	Chaotic interface dynamics: A model with turbulent behavior. <i>Physical Review A</i> , 1992, 46, 4791-4796.	1.0	2
168	Multifractality in a shell model for 3D turbulence. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1992, 185, 19-27.	1.2	2
169	PREDICTABILITY AND THE BUTTERFLY EFFECT IN TURBULENT FLOWS: A SHELL MODEL STUDY. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 1993, 03, 1581-1585.	0.7	2
170	Kolmogorov scaling from random force fields. <i>Europhysics Letters</i> , 2008, 84, 10011.	0.7	2
171	Three-dimensional turbulent relative dispersion by the Gledzer-Ohkitani-Yamada shell model. <i>Physical Review E</i> , 2010, 81, 017301.	0.8	2
172	Limit-cycle oscillations and stable patterns in repressor lattices. <i>Physical Review E</i> , 2012, 86, 031905.	0.8	2
173	Effects of Growth and Mutation on Pattern Formation in Tissues. <i>PLoS ONE</i> , 2012, 7, e48772.	1.1	2
174	Stochastic competition between two populations in space. <i>CISM International Centre for Mechanical Sciences, Courses and Lectures</i> , 2014, , 105-117.	0.3	2
175	CIRCLE MAPS IN THE COMPLEX PLANE. , 1986, , 439-445.		1
176	Dynamical models for fully developed turbulence. <i>Physica Scripta</i> , 1993, T49A, 80-83.	1.2	1
177	Self-organized critical dynamics of fronts: Intermittency and multiscaling. <i>Chaos, Solitons and Fractals</i> , 1995, 5, 1847-1854.	2.5	1
178	Statistical properties of turbulent dynamical systems. <i>Physica A: Statistical Mechanics and Its Applications</i> , 1999, 263, 155-157.	1.2	1
179	Modeling molecular motors as folding-unfolding cycles. <i>Europhysics Letters</i> , 2000, 50, 120-124.	0.7	1
180	Fixed points, stability, and intermittency in a shell model for advection of passive scalars. <i>Physical Review E</i> , 2000, 62, 2200-2205.	0.8	1

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181	Per Bak (1947–2002). Nature, 2002, 420, 284-284.	13.7	1
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