Vito Latora

List of Publications by Year in descending order

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218 papers	32,532 citations	10351 72 h-index	4203 174 g-index
232 all docs	232 docs citations	232 times ranked	19889 citing authors

#	Article	IF	Citations
1	Lack of practical identifiability may hamper reliable predictions in COVID-19 epidemic models. Science Advances, 2022, 8, eabg5234.	4.7	12
2	The shape of memory in temporal networks. Nature Communications, 2022, 13, 499.	5.8	11
3	Influential groups for seeding and sustaining nonlinear contagion in heterogeneous hypergraphs. Communications Physics, 2022, 5, .	2.0	25
4	Non-Markovian temporal networks with auto- and cross-correlated link dynamics. Physical Review E, 2022, 105, 034301.	0.8	5
5	Social synchronization of brain activity increases during eye-contact. Communications Biology, 2022, 5, 412.	2.0	8
6	Individual- and pair-based models of epidemic spreading: Master equationsÂand analysis of their forecasting capabilities. Physical Review Research, 2022, 4, .	1.3	1
7	Stability of synchronization in simplicial complexes. Nature Communications, 2021, 12, 1255.	5.8	117
8	On the Dual Nature of Adoption Processes in Complex Networks. Frontiers in Physics, 2021, 9, .	1.0	0
9	Network isolators inhibit failure spreading in complex networks. Nature Communications, 2021, 12, 3143.	5.8	24
10	Memory order decomposition of symbolic sequences. Physical Review E, 2021, 104, 014112.	0.8	1
11	Unified treatment of synchronization patterns in generalized networks with higher-order, multilayer, and temporal interactions. Communications Physics, 2021, 4, .	2.0	33
12	Evolutionary dynamics of higher-order interactions in social networks. Nature Human Behaviour, 2021, 5, 586-595.	6.2	222
13	Predicting urban innovation from the US Workforce Mobility Network. Humanities and Social Sciences Communications, 2021, 8, .	1.3	11
14	The physics of higher-order interactions in complex systems. Nature Physics, 2021, 17, 1093-1098.	6.5	287
15	Dynamical efficiency for multimodal time-varying transportation networks. Scientific Reports, 2021, 11, 23065.	1.6	6
16	Interdisciplinary researchers attain better long-term funding performance. Communications Physics, 2021, 4, .	2.0	20
17	Characterizing Learning Dynamics of Deep Neural Networks via Complex Networks. , 2021, , .		1
18	Evolutionary Game Model of Group Choice Dilemmas on Hypergraphs. Physical Review Letters, 2021, 127, 268301.	2.9	27

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19	The evolution of knowledge within and across fields in modern physics. Scientific Reports, 2020, 10, 12097.	1.6	19
20	Interacting Discovery Processes on Complex Networks. Physical Review Letters, 2020, 125, 248301.	2.9	18
21	A game theory model to explore the role of cooperation and diversity in community food security: the case of Southern Malawi. Regional Environmental Change, 2020, 20, 1.	1.4	7
22	Networks beyond pairwise interactions: Structure and dynamics. Physics Reports, 2020, 874, 1-92.	10.3	661
23	Travel time analysis in the Chinese coupled aviation and high-speed rail network. Chaos, Solitons and Fractals, 2020, 139, 109973.	2.5	11
24	Predicting success in the worldwide start-up network. Scientific Reports, 2020, 10, 345.	1.6	32
25	Hunter-gatherer multilevel sociality accelerates cumulative cultural evolution. Science Advances, 2020, 6, eaax5913.	4.7	66
26	Multilayer modeling of adoption dynamics in energy demand management. Chaos, 2020, 30, 013153.	1.0	7
27	Nonlinear walkers and efficient exploration of congested networks. Physical Review Research, 2020, 2, .	1.3	10
28	Control of synchronization of a group of nodes in directed networks. , 2019, , .		0
29	Explosive transitions induced by interdependent contagion-consensus dynamics in multiplex networks. Physical Review E, 2019, 99, 062311.	0.8	20
30	Simplicial models of social contagion. Nature Communications, 2019, 10, 2485.	5.8	367
31	Quantifying and predicting success in show business. Nature Communications, 2019, 10, 2256.	5.8	22
32	Control Technique for Synchronization of Selected Nodes in Directed Networks. , 2019, 3, 553-558.		3
33	Benchmarking the performance of controllers for power grid transient stability. Sustainable Energy, Grids and Networks, 2019, 18, 100215.	2.3	3
34	Effects of memory on spreading processes in non-Markovian temporal networks. New Journal of Physics, 2019, 21, 043028.	1.2	24
35	Distributed Control of Synchronization of a Group of Network Nodes. IEEE Transactions on Automatic Control, 2019, 64, 365-372.	3.6	41
36	Emergent explosive synchronization in adaptive complex networks. Physical Review E, 2018, 97, 042301.	0.8	41

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37	A dynamic approach merging network theory and credit risk techniques to assess systemic risk in financial networks. Scientific Reports, 2018, 8, 5561.	1.6	28
38	Mobility and Congestion in Dynamical Multilayer Networks with Finite Storage Capacity. Physical Review Letters, 2018, 120, 068301.	2.9	44
39	Network Dynamics of Innovation Processes. Physical Review Letters, 2018, 120, 048301.	2.9	83
40	Reactive random walkers on complex networks. Physical Review E, 2018, 98, .	0.8	13
41	Pareto Optimality in Multilayer Network Growth. Physical Review Letters, 2018, 121, 128302.	2.9	9
42	Multiplex coreâ€“periphery organization of the human connectome. Journal of the Royal Society Interface, 2018, 15, 20180514.	1.5	39
43	Dynamically induced cascading failures in power grids. Nature Communications, 2018, 9, 1975.	5.8	156
44	Characterization of hunter-gatherer networks and implications for cumulative culture. Nature Human Behaviour, 2017, 1, .	6.2	91
45	Multilayer motif analysis of brain networks. Chaos, 2017, 27, 047404.	1.0	141
46	The new challenges of multiplex networks: Measures and models. European Physical Journal: Special Topics, 2017, 226, 401-416.	1.2	101
47	Collective Phenomena Emerging from the Interactions between Dynamical Processes in Multiplex Networks. Physical Review Letters, 2017, 118, 138302.	2.9	107
48	Determinants of public cooperation in multiplex networks. New Journal of Physics, 2017, 19, 073017.	1.2	95
49	An activeâ€radioâ€frequencyâ€identification system capable of identifying coâ€locations and socialâ€structure: Validation with a wild freeâ€ranging animal. Methods in Ecology and Evolution, 2017, 8, 1822-1831.	2.2	22
50	Layered social influence promotes multiculturality in the Axelrod model. Scientific Reports, 2017, 7, 1809.	1.6	38
51	The Multiplex Dependency Structure of Financial Markets. Complexity, 2017, 2017, 1-13.	0.9	49
52	A Topological Criterion for Filtering Information in Complex Brain Networks. PLoS Computational Biology, 2017, 13, e1005305.	1.5	89
53	Spatio-Temporal Analysis of Micro Economic Activities in Rome Reveals Patterns of Mixed-Use Urban Evolution. PLoS ONE, 2016, 11, e0151681.	1.1	5
54	Irreducibility of multilayer network dynamics: the case of the voter model. New Journal of Physics, 2016, 18, 023010.	1.2	57

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55	Efficient exploration of multiplex networks. New Journal of Physics, 2016, 18, 043035.	1.2	39
56	Interplay between consensus and coherence in a model of interacting opinions. Physica D: Nonlinear Phenomena, 2016, 323-324, 12-19.	1.3	19
57	Homophily and missing links in citation networks. EPJ Data Science, 2016, 5, 7.	1.5	32
58	Emergence of Multiplex Communities in Collaboration Networks. PLoS ONE, 2016, 11, e0147451.	1.1	33
59	Measuring and modeling correlations in multiplex networks. Physical Review E, 2015, 92, 032805.	0.8	185
60	Network structure of multivariate time series. Scientific Reports, 2015, 5, 15508.	1.6	158
61	Hybrid recommendation methods in complex networks. Physical Review E, 2015, 92, 012811.	0.8	24
62	Structural reducibility of multilayer networks. Nature Communications, 2015, 6, 6864.	5.8	400
63	Anatomy of funded research in science. Proceedings of the National Academy of Sciences of the United States of America, 2015, 112, 14760-14765.	3.3	60
64	Nonparametric resampling of random walks for spectral network clustering. Physical Review E, 2014, 89, 012802.	0.8	14
65	Nonlinear growth and condensation in multiplex networks. Physical Review E, 2014, 90, 042807.	0.8	38
66	Evolutionary dynamics of time-resolved social interactions. Physical Review E, 2014, 90, 052825.	0.8	38
67	Assessment of Urban Ecosystem Resilience through Hybrid Socialâ€“Physical Complex Networks. Computer-Aided Civil and Infrastructure Engineering, 2014, 29, 608-625.	6.3	76
68	Characteristic exponents of complex networks. Europhysics Letters, 2014, 106, 58005.	0.7	27
69	Characteristic times of biased random walks on complex networks. Physical Review E, 2014, 89, 012803.	0.8	67
70	Structural measures for multiplex networks. Physical Review E, 2014, 89, 032804.	0.8	517
71	Urban network resilience analysis in case of earthquakes. , 2014, , 4069-4075.		3
72	Social Cohesion, Structural Holes, and a Tale of Two Measures. Journal of Statistical Physics, 2013, 151, 745-764.	0.5	43

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73	Node Accessibility in Cortical Networks During Motor Tasks. Neuroinformatics, 2013, 11, 355-366.	1.5	7
74	Growing Multiplex Networks. Physical Review Letters, 2013, 111, 058701.	2.9	234
75	Remote Synchronization Reveals Network Symmetries and Functional Modules. Physical Review Letters, 2013, 110, 174102.	2.9	209
76	Motion-induced synchronization in metapopulations of mobile agents. Physical Review E, 2013, 87, .	0.8	15
77	Co-evolution of networks and quantum dynamics: a generalization of preferential attachment. Journal of Statistical Mechanics: Theory and Experiment, 2013, 2013, P08016.	0.9	2
78	Phase transition in the economically modeled growth of a cellular nervous system. Proceedings of the National Academy of Sciences of the United States of America, 2013, 110, 7880-7885.	3.3	67
79	Urban Street Networks, a Comparative Analysis of Ten European Cities. Environment and Planning B: Planning and Design, 2013, 40, 1071-1086.	1.7	82
80	Graph Metrics for Temporal Networks. Understanding Complex Systems, 2013, , 15-40.	0.3	159
81	Applications of Temporal Graph Metrics to Real-World Networks. Understanding Complex Systems, 2013, , 135-159.	0.3	23
82	Street Centrality and the Location of Economic Activities in Barcelona. Urban Studies, 2012, 49, 1471-1488.	2.2	210
83	ADAPTIVE GROWING NETWORKS COEVOLVING WITH THE SPREAD OF DISEASES. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250168.	0.7	4
84	EFFECTS OF TRAFFIC PROPERTIES AND DEGREE HETEROGENEITY IN FLOW FLUCTUATIONS ON COMPLEX NETWORKS. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2012, 22, 1250170.	0.7	2
85	Elementary processes governing the evolution of road networks. Scientific Reports, 2012, 2, 296.	1.6	230
86	Understanding mobility in a social petri dish. Scientific Reports, 2012, 2, 457.	1.6	100
87	Controlling centrality in complex networks. Scientific Reports, 2012, 2, 218.	1.6	60
88	Components in time-varying graphs. Chaos, 2012, 22, 023101.	1.0	94
89	Exploiting temporal complex network metrics in mobile malware containment. , 2011, , .		25
90	Emergence of structural patterns out of synchronization in networks with competitive interactions. Scientific Reports, 2011, 1, 99.	1.6	73

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91	Scaling and universality in river flow dynamics. Europhysics Letters, 2011, 94, 58002.	0.7	4
92	Emerging Meso- and Macroscales from Synchronization of Adaptive Networks. Physical Review Letters, 2011, 107, 234103.	2.9	73
93	Flow graphs: Interweaving dynamics and structure. Physical Review E, 2011, 84, 017102.	0.8	64
94	Maximal-entropy random walks in complex networks with limited information. Physical Review E, 2011, 83, 030103.	0.8	94
95	Impact of network structure on a model of diffusion and competitive interaction. Europhysics Letters, 2011, 94, 68009.	0.7	18
96	NextPlace: A Spatio-temporal Prediction Framework for Pervasive Systems. Lecture Notes in Computer Science, 2011, , 152-169.	1.0	161
97	Characterising temporal distance and reachability in mobile and online social networks. Computer Communication Review, 2010, 40, 118-124.	1.5	101
98	Traffic optimization in transport networks based on local routing. European Physical Journal B, 2010, 73, 303-308.	0.6	66
99	Networks of Motifs from Sequences of Symbols. Physical Review Letters, 2010, 105, 178702.	2.9	33
100	Functional Modularity of Background Activities in Normal and Epileptic Brain Networks. Physical Review Letters, 2010, 104, 118701.	2.9	215
101	Dynamical organization towards consensus in the Axelrod model on complex networks. Physical Review E, 2010, 81, 056105.	0.8	28
102	EFFECTS OF MOTION ON EPIDEMIC SPREADING. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 765-773.	0.7	10
103	Fast detection of nonlinearity and nonstationarity in short and noisy time series. Europhysics Letters, 2010, 91, 30005.	0.7	10
104	On Nonstationarity of Human Contact Networks. , 2010, , .		11
105	Small-world behavior in time-varying graphs. Physical Review E, 2010, 81, 055101.	0.8	230
106	Analysing information flows and key mediators through temporal centrality metrics. , 2010, , .		114
107	COMPLEX NETWORKS: NEW TRENDS FOR THE ANALYSIS OF BRAIN CONNECTIVITY. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2010, 20, 1677-1686.	0.7	33
108	Networks in Urban Design. Six Years ofÂResearch inÂMultiple Centrality Assessment. , 2010, , 107-129.		22

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109	Defecting or Not Defecting: How to â€œReadâ€•Human Behavior during Cooperative Games by EEG Measurements. PLoS ONE, 2010, 5, e14187.	1.1	151
110	Effects of mobility in a population of prisonerâ€™s dilemma players. Physical Review E, 2009, 79, 067101.	0.8	226
111	CLUSTER STRUCTURE OF FUNCTIONAL NETWORKS ESTIMATED FROM HIGH-RESOLUTION EEG DATA. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2009, 19, 665-676.	0.7	10
112	The Ultimatum Game in complex networks. Journal of Statistical Mechanics: Theory and Experiment, 2009, 2009, P09012.	0.9	61
113	Street Centrality and Densities of Retail and Services in Bologna, Italy. Environment and Planning B: Planning and Design, 2009, 36, 450-465.	1.7	310
114	Temporal distance metrics for social network analysis. , 2009, , .		128
115	Impact of altruism on opportunistic communications. , 2009, , .		23
116	Selfishness, Altruism and Message Spreading in Mobile Social Networks. , 2009, , .		69
117	Handbook on Biological Networks. World Scientific Lecture Notes in Complex Systems, 2009, , .	0.1	7
118	Communities recognition in the Chesapeake Bay ecosystem by dynamical clustering algorithms based on different oscillators systems. European Physical Journal B, 2008, 65, 395-402.	0.6	5
119	Entropy rate of diffusion processes on complex networks. Physical Review E, 2008, 78, 065102.	0.8	150
120	Persistent patterns of interconnection in time-varying cortical networks estimated from high-resolution EEG recordings in humans during a simple motor act. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 224014.	0.7	41
121	Spreading of sexually transmitted diseases in heterosexual populations. Proceedings of the National Academy of Sciences of the United States of America, 2008, 105, 1399-1404.	3.3	94
122	Multiple centrality assessment in Parma: a network analysis of paths and open spaces. Urban Design International, 2008, 13, 41-50.	1.3	66
123	Disease spreading in populations of moving agents. Europhysics Letters, 2008, 82, 38002.	0.7	79
124	Community structure of cortical networks in spinal cord injured patients. , 2008, 2008, 3995-8.		4
125	Enhancement of cooperation in highly clustered scale-free networks. Physical Review E, 2008, 78, 017101.	0.8	189
126	Scaling Breakdown in Flow Fluctuations on Complex Networks. Physical Review Letters, 2008, 100, 208701.	2.9	97

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127	Complex Networks: from Biology to Information Technology. Journal of Physics A: Mathematical and Theoretical, 2008, 41, 220301.	0.7	8
128	Epcast: Controlled Dissemination in Human-Based Wireless Networks Using Epidemic Spreading Models. Lecture Notes in Computer Science, 2008, , 295-306.	1.0	1
129	OPINION FORMATION MODELS BASED ON GAME THEORY. International Journal of Modern Physics C, 2007, 18, 1377-1395.	0.8	62
130	GROWING HIERARCHICAL SCALE-FREE NETWORKS BY MEANS OF NONHIERARCHICAL PROCESSES. International Journal of Bifurcation and Chaos in Applied Sciences and Engineering, 2007, 17, 2447-2452.	0.7	15
131	A measure of centrality based on network efficiency. New Journal of Physics, 2007, 9, 188-188.	1.2	281
132	Synchronization properties of network motifs. Europhysics Letters, 2007, 78, 28001.	0.7	47
133	Multiscale vulnerability of complex networks. Chaos, 2007, 17, 043110.	1.0	62
134	Analysis of self-organized criticality in the Olami-Feder-Christensen model and in real earthquakes. Physical Review E, 2007, 75, 055101.	0.8	124
135	Detecting complex network modularity by dynamical clustering. Physical Review E, 2007, 75, 045102.	0.8	194
136	Self-Organized Criticality and earthquakes. AIP Conference Proceedings, 2007, , .	0.3	2
137	Modules identification by a Dynamical Clustering algorithm based on chaotic Roˆssler oscillators. AIP Conference Proceedings, 2007, , .	0.3	3
138	Structural properties of planar graphs of urban street patterns. Physical Review E, 2006, 73, 066107.	0.8	242
139	Centrality measures in spatial networks of urban streets. Physical Review E, 2006, 73, 036125.	0.8	468
140	The Network Analysis of Urban Streets: A Primal Approach. Environment and Planning B: Planning and Design, 2006, 33, 705-725.	1.7	523
141	The network analysis of urban streets: A dual approach. Physica A: Statistical Mechanics and Its Applications, 2006, 369, 853-866.	1.2	522
142	Effective spin-glass Hamiltonian for the anomalous dynamics of the HMF model. Physica A: Statistical Mechanics and Its Applications, 2006, 370, 573-584.	1.2	7
143	Opinion dynamics and synchronization in a network of scientific collaborations. Physica A: Statistical Mechanics and Its Applications, 2006, 372, 316-325.	1.2	48
144	Complex networks: Structure and dynamics. Physics Reports, 2006, 424, 175-308.	10.3	8,661

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145	A topological analysis of scientific coauthorship networks. Physica A: Statistical Mechanics and Its Applications, 2006, 372, 333-339.	1.2	27
146	The backbone of a city. European Physical Journal B, 2006, 50, 221-225.	0.6	71
147	Olami-Feder-Christensen model on different networks. European Physical Journal B, 2006, 50, 243-247.	0.6	27
148	Compromise and synchronization in opinion dynamics. European Physical Journal B, 2006, 50, 169-176.	0.6	75
149	Network of sexual contacts and sexually transmitted HIV infection in Burkina Faso. Journal of Medical Virology, 2006, 78, 724-729.	2.5	32
150	Centrality in networks of urban streets. Chaos, 2006, 16, 015113.	1.0	238
151	MULTIFRACTAL ANALYSIS OF MOUNT St. HELENS SEISMICITY AS A TOOL FOR IDENTIFYING ERUPTIVE ACTIVITY. Fractals, 2006, 14, 179-186.	1.8	11
152	Modeling cascading failures in the North American power grid. European Physical Journal B, 2005, 46, 101-107.	0.6	535
153	Quantifying the relevance of different mediators in the human immune cell network. Bioinformatics, 2005, 21, 1639-1643.	1.8	38
154	Vulnerability and protection of infrastructure networks. Physical Review E, 2005, 71, 015103.	0.8	296
155	LOCATING CRITICAL LINES IN HIGH-VOLTAGE ELECTRICAL POWER GRIDS. Fluctuation and Noise Letters, 2005, 05, L201-L208.	1.0	104
156	CHANGING OPINIONS IN A CHANGING WORLD: A NEW PERSPECTIVE IN SOCIOPHYSICS. International Journal of Modern Physics C, 2005, 16, 515-531.	0.8	99
157	VECTOR OPINION DYNAMICS IN A BOUNDED CONFIDENCE CONSENSUS MODEL. International Journal of Modern Physics C, 2005, 16, 1535-1551.	0.8	143
158	THE OLAMI-FEDER-CHRISTENSEN MODEL ON A SMALL-WORLD TOPOLOGY. , 2005, , .		5
159	Method to find community structures based on information centrality. Physical Review E, 2004, 70, 056104.	0.8	230
160	Megaet al.Reply:. Physical Review Letters, 2004, 92, .	2.9	5
161	Metastable states, anomalous distributions and correlations in the HMF model. Physica D: Nonlinear Phenomena, 2004, 193, 315-328.	1.3	43
162	Dynamics and thermodynamics of a model with long-range interactions. Continuum Mechanics and Thermodynamics, 2004, 16, 245-255.	1.4	26

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163	How the science of complex networks can help developing strategies against terrorism. Chaos, Solitons and Fractals, 2004, 20, 69-75.	2.5	169
164	Detection of invisible and crucial events: from seismic fluctuations to the war against terrorism. Chaos, Solitons and Fractals, 2004, 20, 77-85.	2.5	3
165	Dynamical anomalies and the role of initial conditions in the HMF model. Physica A: Statistical Mechanics and Its Applications, 2004, 338, 60-67.	1.2	17
166	A topological analysis of the Italian electric power grid. Physica A: Statistical Mechanics and Its Applications, 2004, 338, 92-97.	1.2	375
167	Non-Poisson distribution of the time distances between two consecutive clusters of earthquakes. Physica A: Statistical Mechanics and Its Applications, 2004, 338, 201-205.	1.2	4
168	Glassy dynamics in the HMF model. Physica A: Statistical Mechanics and Its Applications, 2004, 340, 187-195.	1.2	23
169	Error and attack tolerance of complex networks. Physica A: Statistical Mechanics and Its Applications, 2004, 340, 388-394.	1.2	382
170	Glassy phase in the Hamiltonian mean-field model. Physical Review E, 2004, 69, 056113.	0.8	30
171	Model for cascading failures in complex networks. Physical Review E, 2004, 69, 045104.	0.8	873
172	Economic small-world behavior in weighted networks. European Physical Journal B, 2003, 32, 249-263.	0.6	606
173	Efficiency of scale-free networks: error and attack tolerance. Physica A: Statistical Mechanics and Its Applications, 2003, 320, 622-642.	1.2	379
174	Power-Law Time Distribution of Large Earthquakes. Physical Review Letters, 2003, 90, 188501.	2.9	125
175	Revisiting disorder and Tsallis statistics. Science, 2003, 300, 249-51.	6.0	4
176	LÃ©vy scaling: The diffusion entropy analysis applied to DNA sequences. Physical Review E, 2002, 66, 031906.	0.8	51
177	Dynamical quasi-stationary states in a system with long-range forces. Chaos, Solitons and Fractals, 2002, 13, 401-406.	2.5	13
178	Time evolution of thermodynamic entropy for conservative and dissipative chaotic maps. Chaos, Solitons and Fractals, 2002, 13, 471-478.	2.5	23
179	Fingerprints of nonextensive thermodynamics in a long-range Hamiltonian system. Physica A: Statistical Mechanics and Its Applications, 2002, 305, 129-136.	1.2	94
180	Is the Boston subway a small-world network?. Physica A: Statistical Mechanics and Its Applications, 2002, 314, 109-113.	1.2	469

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181	LÃ©vy statistics in coding and non-coding nucleotide sequences. Physics Letters, Section A: General, Atomic and Solid State Physics, 2002, 299, 565-570.	0.9	17
182	The Hamiltonian Mean Field Model: From Dynamics to Statistical Mechanics and Back. Lecture Notes in Physics, 2002, , 458-487.	0.3	28
183	Nonextensivity: From Low-Dimensional Maps to Hamiltonian Systems. Lecture Notes in Physics, 2002, , 140-162.	0.3	14
184	Efficient Behavior of Small-World Networks. Physical Review Letters, 2001, 87, 198701.	2.9	3,924
185	Microscopic dynamics of a phase transition: equilibrium vs out-of-equilibrium regime. Nuclear Physics A, 2001, 681, 406-413.	0.6	10
186	Identifying and discriminating seismic patterns leading flank eruptions at Mt. Etna Volcano during 1981â€“1996. Journal of Volcanology and Geothermal Research, 2001, 106, 211-228.	0.8	9
187	Non-Gaussian equilibrium in a long-range Hamiltonian system. Physical Review E, 2001, 64, 056134.	0.8	286
188	Non-equilibrium effects on a second-order phase transition. , 2001, , .		0
189	The rate of entropy increase at the edge of chaos. Physics Letters, Section A: General, Atomic and Solid State Physics, 2000, 273, 97-103.	0.9	121
190	Harmony in the small-world. Physica A: Statistical Mechanics and Its Applications, 2000, 285, 539-546.	1.2	242
191	Chaotic dynamics and superdiffusion in a Hamiltonian system with many degrees of freedom. Physica A: Statistical Mechanics and Its Applications, 2000, 280, 81-86.	1.2	31
192	Chaos in the Thermodynamic Limit. Progress of Theoretical Physics Supplement, 2000, 139, 204-213.	0.2	14
193	Kolmogorov-Sinai Entropy Rate versus Physical Entropy. Physical Review Letters, 1999, 82, 520-523.	2.9	171
194	Superdiffusion and Out-of-Equilibrium Chaotic Dynamics with Many Degrees of Freedoms. Physical Review Letters, 1999, 83, 2104-2107.	2.9	160
195	CHAOTIC BEHAVIOR IN A Z2 Ã— Z2 FIELD THEORY. International Journal of Modern Physics A, 1999, 14, 4967-4984.	0.5	2
196	Chaos and statistical mechanics in the Hamiltonian mean field model. Physica D: Nonlinear Phenomena, 1999, 131, 38-54.	1.3	61
197	Identifying seismicity patterns leading flank eruptions at Mt. Etna Volcano during 1981-1996. Geophysical Research Letters, 1999, 26, 2105-2108.	1.5	8
198	Time Correlation Analysis of the Microseismicity of the Low Eastern Flank of Mt. Etna Volcano (Italy). Pure and Applied Geophysics, 1998, 152, 165-174.	0.8	5

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199	A fractal approach to the temporal distribution of microseismicity at the low eastern flank of Mt. Etna during 1989â€“1994. Physics of the Earth and Planetary Interiors, 1998, 109, 115-127.	0.7	11
200	Lyapunov Instability and Finite Size Effects in a System with Long-Range Forces. Physical Review Letters, 1998, 80, 692-695.	2.9	154
201	Novel Scaling of Multiplicity Distributions in Sequential-Fragmentation and Percolation Processes. Physical Review Letters, 1997, 78, 4593-4596.	2.9	17
202	Second order phase transitions: from infinite to finite systems. Nuclear Physics A, 1996, 600, 236-250.	0.6	28
203	Searching for the nuclear liquid-gas phase transition in Au+Au collisions at 35 MeV/nucleon. Physical Review C, 1996, 54, 2435-2444.	1.1	20
204	Circumstantial Evidence for Critical Behavior in PeripheralAu+AuCollisions at 35 MeV/nucleon. Physical Review Letters, 1996, 76, 2646-2649.	2.9	47
205	Dynamics of Multifragmentation. , 1996, , 51-58.		0
206	Intermittency in the Fisher's droplet model. Zeitschrift FÃ¼r Physik A, 1995, 352, 145-148.	0.9	6
207	Neck instabilities in deep inelastic collisions at medium energies. Nuclear Physics A, 1995, 583, 525-530.	0.6	12
208	Critical evolution of a finite system. Physical Review C, 1995, 52, 271-285.	1.1	75
209	Universal Behavior of Lyapunov Exponents in Unstable Systems. Physical Review Letters, 1995, 75, 3434-3437.	2.9	46
210	Dynamics of Instabilities and Intermittency. Physical Review Letters, 1994, 73, 1765-1768.	2.9	64
211	Sensitivity to the impact parameter of the multiparticle decay at intermediate energy. Physical Review C, 1994, 50, 2930-2934.	1.1	5
212	Dynamics of unstable matter. Physics Letters, Section B: Nuclear, Elementary Particle and High-Energy Physics, 1994, 326, 21-26.	1.5	12
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