

Vito Latora

List of Publications by Year in Descending Order

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The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

212
papers

24,423
citations

64
h-index

155
g-index

232
ext. papers

28,695
ext. citations

4.8
avg. IF

7.27
L-index

#	Paper	IF	Citations
212	Lack of practical identifiability may hamper reliable predictions in COVID-19 epidemic models.. <i>Science Advances</i> , 2022 , 8, eabg5234	14.3	1
211	The shape of memory in temporal networks.. <i>Nature Communications</i> , 2022 , 13, 499	17.4	2
210	Influential groups for seeding and sustaining nonlinear contagion in heterogeneous hypergraphs. <i>Communications Physics</i> , 2022 , 5,	5.4	3
209	Non-Markovian temporal networks with auto- and cross-correlated link dynamics.. <i>Physical Review E</i> , 2022 , 105, 034301	2.4	0
208	The Master Stability Function for Synchronization in Simplicial Complexes. <i>Understanding Complex Systems</i> , 2022 , 249-267	0.4	
207	Collective Games on Hypergraphs. <i>Understanding Complex Systems</i> , 2022 , 377-388	0.4	0
206	Social synchronization of brain activity increases during eye-contact.. <i>Communications Biology</i> , 2022 , 5, 412	6.7	
205	Interdisciplinary researchers attain better long-term funding performance. <i>Communications Physics</i> , 2021 , 4,	5.4	1
204	Dynamical efficiency for multimodal time-varying transportation networks. <i>Scientific Reports</i> , 2021 , 11, 23065	4.9	1
203	The physics of higher-order interactions in complex systems. <i>Nature Physics</i> , 2021 , 17, 1093-1098	16.2	36
202	Network isolators inhibit failure spreading in complex networks. <i>Nature Communications</i> , 2021 , 12, 3143	17.4	4
201	Memory order decomposition of symbolic sequences. <i>Physical Review E</i> , 2021 , 104, 014112	2.4	
200	Stability of synchronization in simplicial complexes. <i>Nature Communications</i> , 2021 , 12, 1255	17.4	30
199	Unified treatment of synchronization patterns in generalized networks with higher-order, multilayer, and temporal interactions. <i>Communications Physics</i> , 2021 , 4,	5.4	11
198	Evolutionary dynamics of higher-order interactions in social networks. <i>Nature Human Behaviour</i> , 2021 , 5, 586-595	12.8	59
197	Predicting urban innovation from the US Workforce Mobility Network. <i>Humanities and Social Sciences Communications</i> , 2021 , 8,	2.8	3
196	Evolutionary Game Model of Group Choice Dilemmas on Hypergraphs.. <i>Physical Review Letters</i> , 2021 , 127, 268301	7.4	1

195	Interacting Discovery Processes on Complex Networks. <i>Physical Review Letters</i> , 2020 , 125, 248301	7.4	4
194	A game theory model to explore the role of cooperation and diversity in community food security: the case of Southern Malawi. <i>Regional Environmental Change</i> , 2020 , 20, 1	4.3	1
193	Networks beyond pairwise interactions: Structure and dynamics. <i>Physics Reports</i> , 2020 , 874, 1-92	27.7	228
192	Travel time analysis in the Chinese coupled aviation and high-speed rail network. <i>Chaos, Solitons and Fractals</i> , 2020 , 139, 109973	9.3	4
191	Predicting success in the worldwide start-up network. <i>Scientific Reports</i> , 2020 , 10, 345	4.9	12
190	Hunter-gatherer multilevel sociality accelerates cumulative cultural evolution. <i>Science Advances</i> , 2020 , 6, eaax5913	14.3	29
189	Multilayer modeling of adoption dynamics in energy demand management. <i>Chaos</i> , 2020 , 30, 013153	3.3	2
188	The evolution of knowledge within and across fields in modern physics. <i>Scientific Reports</i> , 2020 , 10, 12097.9	7.9	11
187	Explosive transitions induced by interdependent contagion-consensus dynamics in multiplex networks. <i>Physical Review E</i> , 2019 , 99, 062311	2.4	11
186	Simplicial models of social contagion. <i>Nature Communications</i> , 2019 , 10, 2485	17.4	161
185	Quantifying and predicting success in show business. <i>Nature Communications</i> , 2019 , 10, 2256	17.4	9
184	Control Technique for Synchronization of Selected Nodes in Directed Networks 2019 , 3, 553-558		3
183	Benchmarking the performance of controllers for power grid transient stability. <i>Sustainable Energy, Grids and Networks</i> , 2019 , 18, 100215	3.6	3
182	Effects of memory on spreading processes in non-Markovian temporal networks. <i>New Journal of Physics</i> , 2019 , 21, 043028	2.9	18
181	Distributed Control of Synchronization of a Group of Network Nodes. <i>IEEE Transactions on Automatic Control</i> , 2019 , 64, 365-372	5.9	21
180	Emergent explosive synchronization in adaptive complex networks. <i>Physical Review E</i> , 2018 , 97, 042301	2.4	26
179	A dynamic approach merging network theory and credit risk techniques to assess systemic risk in financial networks. <i>Scientific Reports</i> , 2018 , 8, 5561	4.9	14
178	Mobility and Congestion in Dynamical Multilayer Networks with Finite Storage Capacity. <i>Physical Review Letters</i> , 2018 , 120, 068301	7.4	28

177	Network Dynamics of Innovation Processes. <i>Physical Review Letters</i> , 2018 , 120, 048301	7.4	56
176	Reactive random walkers on complex networks. <i>Physical Review E</i> , 2018 , 98,	2.4	6
175	Pareto Optimality in Multilayer Network Growth. <i>Physical Review Letters</i> , 2018 , 121, 128302	7.4	5
174	Multiplex core-periphery organization of the human connectome. <i>Journal of the Royal Society Interface</i> , 2018 , 15,	4.1	18
173	Dynamically induced cascading failures in power grids. <i>Nature Communications</i> , 2018 , 9, 1975	17.4	92
172	Characterization of hunter-gatherer networks and implications for cumulative culture. <i>Nature Human Behaviour</i> , 2017 , 1,	12.8	60
171	Multilayer motif analysis of brain networks. <i>Chaos</i> , 2017 , 27, 047404	3.3	94
170	The new challenges of multiplex networks: Measures and models. <i>European Physical Journal: Special Topics</i> , 2017 , 226, 401-416	2.3	63
169	Collective Phenomena Emerging from the Interactions between Dynamical Processes in Multiplex Networks. <i>Physical Review Letters</i> , 2017 , 118, 138302	7.4	78
168	The Multiplex Dependency Structure of Financial Markets. <i>Complexity</i> , 2017 , 2017, 1-13	1.6	31
167	Determinants of public cooperation in multiplex networks. <i>New Journal of Physics</i> , 2017 , 19, 073017	2.9	73
166	An active-radio-frequency-identification system capable of identifying co-locations and social-structure: Validation with a wild free-ranging animal. <i>Methods in Ecology and Evolution</i> , 2017 , 8, 1822-1831	7.7	13
165	Layered social influence promotes multiculturalism in the Axelrod model. <i>Scientific Reports</i> , 2017 , 7, 18094.9	4.9	32
164	A Topological Criterion for Filtering Information in Complex Brain Networks. <i>PLoS Computational Biology</i> , 2017 , 13, e1005305	5	59
163	Complex Networks: Principles, Methods and Applications 2017 ,		137
162	Efficient exploration of multiplex networks. <i>New Journal of Physics</i> , 2016 , 18, 043035	2.9	31
161	Interplay between consensus and coherence in a model of interacting opinions. <i>Physica D: Nonlinear Phenomena</i> , 2016 , 323-324, 12-19	3.3	16
160	Homophily and missing links in citation networks. <i>EPJ Data Science</i> , 2016 , 5, 7	3.4	19

159	Emergence of Multiplex Communities in Collaboration Networks. <i>PLoS ONE</i> , 2016 , 11, e0147451	3.7	22
158	Spatio-Temporal Analysis of Micro Economic Activities in Rome Reveals Patterns of Mixed-Use Urban Evolution. <i>PLoS ONE</i> , 2016 , 11, e0151681	3.7	3
157	Irreducibility of multilayer network dynamics: the case of the voter model. <i>New Journal of Physics</i> , 2016 , 18, 023010	2.9	48
156	Hybrid recommendation methods in complex networks. <i>Physical Review E</i> , 2015 , 92, 012811	2.4	20
155	Structural reducibility of multilayer networks. <i>Nature Communications</i> , 2015 , 6, 6864	17.4	284
154	Anatomy of funded research in science. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2015 , 112, 14760-5	11.5	38
153	Measuring and modeling correlations in multiplex networks. <i>Physical Review E</i> , 2015 , 92, 032805	2.4	142
152	Network structure of multivariate time series. <i>Scientific Reports</i> , 2015 , 5, 15508	4.9	113
151	Assessment of Urban Ecosystem Resilience through Hybrid Social-Physical Complex Networks. <i>Computer-Aided Civil and Infrastructure Engineering</i> , 2014 , 29, n/a-n/a	8.4	28
150	Characteristic exponents of complex networks. <i>Europhysics Letters</i> , 2014 , 106, 58005	1.6	21
149	Characteristic times of biased random walks on complex networks. <i>Physical Review E</i> , 2014 , 89, 012803	2.4	50
148	Structural measures for multiplex networks. <i>Physical Review E</i> , 2014 , 89, 032804	2.4	366
147	Nonparametric resampling of random walks for spectral network clustering. <i>Physical Review E</i> , 2014 , 89, 012802	2.4	13
146	Nonlinear growth and condensation in multiplex networks. <i>Physical Review E</i> , 2014 , 90, 042807	2.4	29
145	Evolutionary dynamics of time-resolved social interactions. <i>Physical Review E</i> , 2014 , 90, 052825	2.4	27
144	Urban network resilience analysis in case of earthquakes 2014 , 4069-4075		2
143	Social Cohesion, Structural Holes, and a Tale of Two Measures. <i>Journal of Statistical Physics</i> , 2013 , 151, 745-764	1.5	30
142	Node accessibility in cortical networks during motor tasks. <i>Neuroinformatics</i> , 2013 , 11, 355-66	3.2	5

141	Growing multiplex networks. <i>Physical Review Letters</i> , 2013 , 111, 058701	7.4	186
140	Remote synchronization reveals network symmetries and functional modules. <i>Physical Review Letters</i> , 2013 , 110, 174102	7.4	168
139	Motion-induced synchronization in metapopulations of mobile agents. <i>Physical Review E</i> , 2013 , 87,	2.4	13
138	Co-evolution of networks and quantum dynamics: a generalization of preferential attachment. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2013 , 2013, P08016	1.9	2
137	Phase transition in the economically modeled growth of a cellular nervous system. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2013 , 110, 7880-5	11.5	50
136	Urban Street Networks, a Comparative Analysis of Ten European Cities. <i>Environment and Planning B: Planning and Design</i> , 2013 , 40, 1071-1086		61
135	Graph Metrics for Temporal Networks. <i>Understanding Complex Systems</i> , 2013 , 15-40	0.4	98
134	Applications of Temporal Graph Metrics to Real-World Networks. <i>Understanding Complex Systems</i> , 2013 , 135-159	0.4	15
133	Controlling centrality in complex networks. <i>Scientific Reports</i> , 2012 , 2, 218	4.9	44
132	Components in time-varying graphs. <i>Chaos</i> , 2012 , 22, 023101	3.3	67
131	Street Centrality and the Location of Economic Activities in Barcelona. <i>Urban Studies</i> , 2012 , 49, 1471-1488	3.2	165
130	ADAPTIVE GROWING NETWORKS COEVOLVING WITH THE SPREAD OF DISEASES. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2012 , 22, 1250168	2	4
129	EFFECTS OF TRAFFIC PROPERTIES AND DEGREE HETEROGENEITY IN FLOW FLUCTUATIONS ON COMPLEX NETWORKS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2012 , 22, 1250170	2	2
128	Elementary processes governing the evolution of road networks. <i>Scientific Reports</i> , 2012 , 2, 296	4.9	176
127	Understanding mobility in a social petri dish. <i>Scientific Reports</i> , 2012 , 2, 457	4.9	87
126	Maximal-entropy random walks in complex networks with limited information. <i>Physical Review E</i> , 2011 , 83, 030103	2.4	79
125	Exploiting temporal complex network metrics in mobile malware containment 2011 ,		21
124	Emergence of structural patterns out of synchronization in networks with competitive interactions. <i>Scientific Reports</i> , 2011 , 1, 99	4.9	55

123	Scaling and universality in river flow dynamics. <i>Europhysics Letters</i> , 2011 , 94, 58002	1.6	4
122	Emerging meso- and macroscales from synchronization of adaptive networks. <i>Physical Review Letters</i> , 2011 , 107, 234103	7.4	47
121	Flow graphs: interweaving dynamics and structure. <i>Physical Review E</i> , 2011 , 84, 017102	2.4	52
120	Impact of network structure on a model of diffusion and competitive interaction. <i>Europhysics Letters</i> , 2011 , 94, 68009	1.6	16
119	NextPlace: A Spatio-temporal Prediction Framework for Pervasive Systems. <i>Lecture Notes in Computer Science</i> , 2011 , 152-169	0.9	124
118	Networks of motifs from sequences of symbols. <i>Physical Review Letters</i> , 2010 , 105, 178702	7.4	28
117	Functional modularity of background activities in normal and epileptic brain networks. <i>Physical Review Letters</i> , 2010 , 104, 118701	7.4	179
116	Dynamical organization towards consensus in the Axelrod model on complex networks. <i>Physical Review E</i> , 2010 , 81, 056105	2.4	28
115	EFFECTS OF MOTION ON EPIDEMIC SPREADING. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2010 , 20, 765-773	2	8
114	Fast detection of nonlinearity and nonstationarity in short and noisy time series. <i>Europhysics Letters</i> , 2010 , 91, 30005	1.6	9
113	On Nonstationarity of Human Contact Networks 2010 ,		10
112	Small-world behavior in time-varying graphs. <i>Physical Review E</i> , 2010 , 81, 055101	2.4	176
111	Analysing information flows and key mediators through temporal centrality metrics 2010 ,		79
110	COMPLEX NETWORKS: NEW TRENDS FOR THE ANALYSIS OF BRAIN CONNECTIVITY. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2010 , 20, 1677-1686	2	26
109	Characterising temporal distance and reachability in mobile and online social networks. <i>Computer Communication Review</i> , 2010 , 40, 118-124	1.4	79
108	Traffic optimization in transport networks based on local routing. <i>European Physical Journal B</i> , 2010 , 73, 303-308	1.2	57
107	Defecting or not defecting: how to "read" human behavior during cooperative games by EEG measurements. <i>PLoS ONE</i> , 2010 , 5, e14187	3.7	125
106	Networks in Urban Design. Six Years of Research in Multiple Centrality Assessment 2010 , 107-129		16

105	Effects of mobility in a population of prisoner's dilemma players. <i>Physical Review E</i> , 2009 , 79, 067101	2.4	191
104	CLUSTER STRUCTURE OF FUNCTIONAL NETWORKS ESTIMATED FROM HIGH-RESOLUTION EEG DATA. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2009 , 19, 665-676		9
103	The Ultimatum Game in complex networks. <i>Journal of Statistical Mechanics: Theory and Experiment</i> , 2009 , 2009, P09012	1.9	43
102	Street Centrality and Densities of Retail and Services in Bologna, Italy. <i>Environment and Planning B: Planning and Design</i> , 2009 , 36, 450-465		252
101	Temporal distance metrics for social network analysis 2009 ,		101
100	Impact of altruism on opportunistic communications 2009 ,		21
99	Selfishness, Altruism and Message Spreading in Mobile Social Networks 2009 ,		60
98	Handbook on Biological Networks. <i>World Scientific Lecture Notes in Complex Systems</i> , 2009 ,		3
97	Entropy rate of diffusion processes on complex networks. <i>Physical Review E</i> , 2008 , 78, 065102	2.4	123
96	Persistent patterns of interconnection in time-varying cortical networks estimated from high-resolution EEG recordings in humans during a simple motor act. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008 , 41, 224014	2	34
95	Spreading of sexually transmitted diseases in heterosexual populations. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 2008 , 105, 1399-404	11.5	87
94	Multiple centrality assessment in Parma: a network analysis of paths and open spaces. <i>Urban Design International</i> , 2008 , 13, 41-50	1.6	47
93	Disease spreading in populations of moving agents. <i>Europhysics Letters</i> , 2008 , 82, 38002	1.6	60
92	Community structure of cortical networks in spinal cord injured patients. <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society IEEE Engineering in Medicine and Biology Society Annual International Conference</i> , 2008 , 2008, 3995-8	0.9	3
91	Enhancement of cooperation in highly clustered scale-free networks. <i>Physical Review E</i> , 2008 , 78, 017101	1.4	160
90	Scaling breakdown in flow fluctuations on complex networks. <i>Physical Review Letters</i> , 2008 , 100, 208701	1.4	88
89	Complex Networks: from Biology to Information Technology. <i>Journal of Physics A: Mathematical and Theoretical</i> , 2008 , 41, 220301	2	5
88	Communities recognition in the Chesapeake Bay ecosystem by dynamical clustering algorithms based on different oscillators systems. <i>European Physical Journal B</i> , 2008 , 65, 395-402	1.2	3

87	Epcast: Controlled Dissemination in Human-Based Wireless Networks Using Epidemic Spreading Models. <i>Lecture Notes in Computer Science</i> , 2008 , 295-306	0.9	1
86	Detecting complex network modularity by dynamical clustering. <i>Physical Review E</i> , 2007 , 75, 045102	2.4	149
85	Modules identification by a Dynamical Clustering algorithm based on chaotic Rössler oscillators. <i>AIP Conference Proceedings</i> , 2007 ,	0	3
84	OPINION FORMATION MODELS BASED ON GAME THEORY. <i>International Journal of Modern Physics C</i> , 2007 , 18, 1377-1395	1.1	48
83	GROWING HIERARCHICAL SCALE-FREE NETWORKS BY MEANS OF NONHIERARCHICAL PROCESSES. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2007 , 17, 2447-2452	2	12
82	A measure of centrality based on network efficiency. <i>New Journal of Physics</i> , 2007 , 9, 188-188	2.9	200
81	Synchronization properties of network motifs. <i>Europhysics Letters</i> , 2007 , 78, 28001	1.6	40
80	Multiscale vulnerability of complex networks. <i>Chaos</i> , 2007 , 17, 043110	3.3	53
79	Analysis of self-organized criticality in the Olami-Feder-Christensen model and in real earthquakes. <i>Physical Review E</i> , 2007 , 75, 055101	2.4	100
78	Network of sexual contacts and sexually transmitted HIV infection in Burkina Faso. <i>Journal of Medical Virology</i> , 2006 , 78, 724-9	19.7	29
77	Centrality in networks of urban streets. <i>Chaos</i> , 2006 , 16, 015113	3.3	168
76	MULTIFRACTAL ANALYSIS OF MOUNT St. HELENS SEISMICITY AS A TOOL FOR IDENTIFYING ERUPTIVE ACTIVITY. <i>Fractals</i> , 2006 , 14, 179-186	3.2	10
75	Structural properties of planar graphs of urban street patterns. <i>Physical Review E</i> , 2006 , 73, 066107	2.4	197
74	Centrality measures in spatial networks of urban streets. <i>Physical Review E</i> , 2006 , 73, 036125	2.4	378
73	The Network Analysis of Urban Streets: A Primal Approach. <i>Environment and Planning B: Planning and Design</i> , 2006 , 33, 705-725		377
72	The network analysis of urban streets: A dual approach. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006 , 369, 853-866	3.3	406
71	Effective spin-glass Hamiltonian for the anomalous dynamics of the HMF model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006 , 370, 573-584	3.3	7
70	Opinion dynamics and synchronization in a network of scientific collaborations. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006 , 372, 316-325	3.3	39

69	Complex networks: Structure and dynamics. <i>Physics Reports</i> , 2006 , 424, 175-308	27.7	6980
68	A topological analysis of scientific coauthorship networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2006 , 372, 333-339	3.3	23
67	The backbone of a city. <i>European Physical Journal B</i> , 2006 , 50, 221-225	1.2	60
66	Olami-Feder-Christensen model on different networks. <i>European Physical Journal B</i> , 2006 , 50, 243-247	1.2	24
65	Compromise and synchronization in opinion dynamics. <i>European Physical Journal B</i> , 2006 , 50, 169-176	1.2	51
64	VECTOR OPINION DYNAMICS IN A BOUNDED CONFIDENCE CONSENSUS MODEL. <i>International Journal of Modern Physics C</i> , 2005 , 16, 1535-1551	1.1	112
63	Modeling cascading failures in the North American power grid. <i>European Physical Journal B</i> , 2005 , 46, 101-107	1.2	417
62	Quantifying the relevance of different mediators in the human immune cell network. <i>Bioinformatics</i> , 2005 , 21, 1639-43	7.2	32
61	Vulnerability and protection of infrastructure networks. <i>Physical Review E</i> , 2005 , 71, 015103	2.4	244
60	LOCATING CRITICAL LINES IN HIGH-VOLTAGE ELECTRICAL POWER GRIDS. <i>Fluctuation and Noise Letters</i> , 2005 , 05, L201-L208	1.2	91
59	CHANGING OPINIONS IN A CHANGING WORLD: A NEW PERSPECTIVE IN SOCIOPHYSICS. <i>International Journal of Modern Physics C</i> , 2005 , 16, 515-531	1.1	76
58	THE OLAMI-FEDER-CHRISTENSEN MODEL ON A SMALL-WORLD TOPOLOGY 2005 ,		5
57	Method to find community structures based on information centrality. <i>Physical Review E</i> , 2004 , 70, 056104	1.4	179
56	Mega et al. Reply:. <i>Physical Review Letters</i> , 2004 , 92,	7.4	5
55	Metastable states, anomalous distributions and correlations in the HMF model. <i>Physica D: Nonlinear Phenomena</i> , 2004 , 193, 315-328	3.3	39
54	Dynamics and thermodynamics of a model with long-range interactions. <i>Continuum Mechanics and Thermodynamics</i> , 2004 , 16, 245-255	3.5	22
53	How the science of complex networks can help developing strategies against terrorism. <i>Chaos, Solitons and Fractals</i> , 2004 , 20, 69-75	9.3	142
52	Dynamical anomalies and the role of initial conditions in the HMF model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004 , 338, 60-67	3.3	15

51	A topological analysis of the Italian electric power grid. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004 , 338, 92-97	3.3	303
50	Non-Poisson distribution of the time distances between two consecutive clusters of earthquakes. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004 , 338, 201-205	3.3	4
49	Glassy dynamics in the HMF model. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004 , 340, 187-195	3.3	20
48	Error and attack tolerance of complex networks. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2004 , 340, 388-394	3.3	305
47	Glassy phase in the Hamiltonian mean-field model. <i>Physical Review E</i> , 2004 , 69, 056113	2.4	28
46	Model for cascading failures in complex networks. <i>Physical Review E</i> , 2004 , 69, 045104	2.4	705
45	Economic small-world behavior in weighted networks. <i>European Physical Journal B</i> , 2003 , 32, 249-263	1.2	472
44	Efficiency of scale-free networks: error and attack tolerance. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2003 , 320, 622-642	3.3	304
43	Power-law time distribution of large earthquakes. <i>Physical Review Letters</i> , 2003 , 90, 188501	7.4	101
42	Revisiting disorder and Tsallis statistics. <i>Science</i> , 2003 , 300, 249-51	33.3	2
41	Dynamical quasi-stationary states in a system with long-range forces. <i>Chaos, Solitons and Fractals</i> , 2002 , 13, 401-406	9.3	12
40	Time evolution of thermodynamic entropy for conservative and dissipative chaotic maps. <i>Chaos, Solitons and Fractals</i> , 2002 , 13, 471-478	9.3	19
39	Fingerprints of nonextensive thermodynamics in a long-range Hamiltonian system. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2002 , 305, 129-136	3.3	90
38	Is the Boston subway a small-world network?. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2002 , 314, 109-113	3.3	382
37	\overline{L}_q statistics in coding and non-coding nucleotide sequences. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2002 , 299, 565-570	2.3	15
36	\overline{L}_q scaling: the diffusion entropy analysis applied to DNA sequences. <i>Physical Review E</i> , 2002 , 66, 031906	2.4	41
35	The Hamiltonian Mean Field Model: From Dynamics to Statistical Mechanics and Back. <i>Lecture Notes in Physics</i> , 2002 , 458-487	0.8	23
34	Nonextensivity: From Low-Dimensional Maps to Hamiltonian Systems. <i>Lecture Notes in Physics</i> , 2002 , 140-162	0.8	13

33	Microscopic dynamics of a phase transition: equilibrium vs out-of-equilibrium regime. <i>Nuclear Physics A</i> , 2001 , 681, 406-413	1.3	10
32	Identifying and discriminating seismic patterns leading flank eruptions at Mt. Etna Volcano during 1981-1996. <i>Journal of Volcanology and Geothermal Research</i> , 2001 , 106, 211-228	2.8	9
31	Non-Gaussian equilibrium in a long-range Hamiltonian system. <i>Physical Review E</i> , 2001 , 64, 056134	2.4	256
30	Efficient behavior of small-world networks. <i>Physical Review Letters</i> , 2001 , 87, 198701	7.4	2875
29	The rate of entropy increase at the edge of chaos. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2000 , 273, 97-103	2.3	101
28	Harmony in the small-world. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000 , 285, 539-546	3.3	163
27	Chaotic dynamics and superdiffusion in a Hamiltonian system with many degrees of freedom. <i>Physica A: Statistical Mechanics and Its Applications</i> , 2000 , 280, 81-86	3.3	27
26	Chaos in the Thermodynamic Limit. <i>Progress of Theoretical Physics Supplement</i> , 2000 , 139, 204-213		13
25	Kolmogorov-Sinai Entropy Rate versus Physical Entropy. <i>Physical Review Letters</i> , 1999 , 82, 520-523	7.4	134
24	Superdiffusion and Out-of-Equilibrium Chaotic Dynamics with Many Degrees of Freedoms. <i>Physical Review Letters</i> , 1999 , 83, 2104-2107	7.4	136
23	CHAOTIC BEHAVIOR IN A $Z_2 \times Z_2$ FIELD THEORY. <i>International Journal of Modern Physics A</i> , 1999 , 14, 4967-4984	1.2	2
22	Chaos and statistical mechanics in the Hamiltonian mean field model. <i>Physica D: Nonlinear Phenomena</i> , 1999 , 131, 38-54	3.3	58
21	Identifying seismicity patterns leading flank eruptions at Mt. Etna Volcano during 1981-1996. <i>Geophysical Research Letters</i> , 1999 , 26, 2105-2108	4.9	5
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