Ying-Cheng Lai

List of Publications by Citations

366 papers	12,712 citations	55 h-index	97 g-index
386 ext. papers	14,517 ext. citations	4.2 avg, IF	6.86 L-index

#	Paper	IF	Citations
366	Cascade-based attacks on complex networks. *Physical Review E*, **2002**, 66, 065102	2.4	1038
365	Heterogeneity in oscillator networks: are smaller worlds easier to synchronize?. *Physical Review Letters*, **2003**, 91, 014101	7.4	658
364	Onset of traffic congestion in complex networks. *Physical Review E*, **2005**, 71, 026125	2.4	349
363	Exact controllability of complex networks. *Nature Communications*, **2013**, 4, 2447	17.4	323
362	Transient Chaos. *Applied Mathematical Sciences (Switzerland)*, **2011**,	0.9	253
361	Controlling complex networks: how much energy is needed?. *Physical Review Letters*, **2012**, 108, 218703	7.4	249
360	Attack vulnerability of scale-free networks due to cascading breakdown. *Physical Review E*, **2004**, 70, 035101	2.4	232
359	Predicting catastrophes in nonlinear dynamical systems by compressive sensing. *Physical Review Letters*, **2011**, 106, 154101	7.4	202
358	Data based identification and prediction of nonlinear and complex dynamical systems. *Physics Reports*, **2016**, 644, 1-76	27.7	177
357	Optimizing controllability of complex networks by minimum structural perturbations. *Physical Review E*, **2012**, 85, 026115	2.4	172
356	Generic behavior of master-stability functions in coupled nonlinear dynamical systems. *Physical Review E*, **2009**, 80, 036204	2.4	168
355	Transient phenomena in ecology. *Science*, **2018**, 361,	33.3	168
354	Riddling Bifurcation in Chaotic Dynamical Systems. *Physical Review Letters*, **1996**, 77, 55-58	7.4	165
353	Asymmetrically interacting spreading dynamics on complex layered networks. *Scientific Reports*, **2014**, 4, 5097	4.9	157
352	Noise bridges dynamical correlation and topology in coupled oscillator networks. *Physical Review Letters*, **2010**, 104, 058701	7.4	136
351	Reconstructing propagation networks with natural diversity and identifying hidden sources. *Nature Communications*, **2014**, 5, 4323	17.4	125
350	Abnormal synchronization in complex clustered networks. *Physical Review Letters*, **2006**, 97, 164101	7.4	118

331	Controlling transient chaos in deterministic flows with applications to electrical power systems and ecology. *Physical Review E*, **1999**, 59, 1646-1655	2.4	74
330	A geometrical approach to control and controllability of nonlinear dynamical networks. *Nature Communications*, **2016**, 7, 11323	17.4	73
329	Nonlinear dynamics and quantum entanglement in optomechanical systems. *Physical Review Letters*, **2014**, 112, 110406	7.4	71
328	Engineering of regulated stochastic cell fate determination. *Proceedings of the National Academy of Sciences of the United States of America*, **2013**, 110, 10610-5	11.5	71
327	Geometric properties of the chaotic saddle responsible for supertransients in spatiotemporal chaotic systems. *Physical Review Letters*, **1995**, 74, 5208-5211	7.4	68
326	Tunneling and nonhyperbolicity in quantum dots. *Physical Review Letters*, **2002**, 88, 236804	7.4	67
325	Relativistic quantum level-spacing statistics in chaotic graphene billiards. *Physical Review E*, **2010**, 81, 055203	2.4	66
324	Relativistic quantum scars. *Physical Review Letters*, **2009**, 103, 054101	7.4	65
323	Efficient algorithm for detecting unstable periodic orbits in chaotic systems. *Physical Review E*, **1999**, 60, 6172-5	2.4	65
322	Emergence of scaling in human-interest dynamics. *Scientific Reports*, **2013**, 3, 3472	4.9	63
321	Predicting tipping points in mutualistic networks through dimension reduction. *Proceedings of the National Academy of Sciences of the United States of America*, **2018**, 115, E639-E647	11.5	62
320	Effective scaling regime for computing the correlation dimension from chaotic time series. *Physica D: Nonlinear Phenomena*, **1998**, 115, 1-18	3.3	59
319	Mesoscopic interactions and species coexistence in evolutionary game dynamics of cyclic competitions. *Scientific Reports*, **2014**, 4, 7486	4.9	58
318	Characterization of the Natural Measure by Unstable Periodic Orbits in Chaotic Attractors. *Physical Review Letters*, **1997**, 79, 649-652	7.4	57
317	Coherence resonance in coupled chaotic oscillators. *Physical Review Letters*, **2001**, 86, 4737-40	7.4	57
316	Algebraic decay and fluctuations of the decay exponent in Hamiltonian systems. *Physical Review A*, **1992**, 46, 4661-4669	2.6	57
315	Basin topology in dissipative chaotic scattering. *Chaos*, **2006**, 16, 023101	3.3	56
314	Validity of threshold-crossing analysis of symbolic dynamics from chaotic time series. *Physical Review Letters*, **2000**, 85, 3524-7	7.4	56

313	Noise-Induced Riddling in Chaotic Systems. *Physical Review Letters*, **1996**, 77, 5047-5050	7.4	56
312	Basins of attraction for species extinction and coexistence in spatial rock-paper-scissors games. *Physical Review E*, **2010**, 81, 030901	2.4	55
311	Pattern formation, synchronization, and outbreak of biodiversity in cyclically competing games. *Physical Review E*, **2011**, 83, 011917	2.4	55
310	Detecting hidden nodes in complex networks from time series. *Physical Review E*, **2012**, 85, 065201	2.4	55
309	Inability of Lyapunov exponents to predict epileptic seizures. *Physical Review Letters*, **2003**, 91, 068102	7.4	54
308	Capacity of oscillatory associative-memory networks with error-free retrieval. *Physical Review Letters*, **2004**, 92, 108101	7.4	53
307	Phase clustering and transition to phase synchronization in a large number of coupled nonlinear oscillators. *Physical Review E*, **2001**, 63, 055201	2.4	53
306	Estimating generating partitions of chaotic systems by unstable periodic orbits. *Physical Review E*, **2000**, 61, 1353-6	2.4	53
305	Transition from strange nonchaotic to strange chaotic attractors. *Physical Review E*, **1996**, 53, 57-65	2.4	53
304	Fractal dimension in dissipative chaotic scattering. *Physical Review E*, **2007**, 76, 016208	2.4	51
303	Cyclic competition of mobile species on continuous space: pattern formation and coexistence. *Physical Review E*, **2010**, 82, 066211	2.4	49
302	Cascade of elimination and emergence of pure cooperation in coevolutionary games on networks. *Physical Review E*, **2010**, 81, 035102	2.4	48
301	Controlling chaotic dynamical systems. *Systems and Control Letters*, **1997**, 31, 307-312	2.4	48
300	Modeling of Coupled Chaotic Oscillators. *Physical Review Letters*, **1999**, 82, 4803-4806	7.4	48
299	Effects of behavioral response and vaccination policy on epidemic spreading--an approach based on evolutionary-game dynamics. *Scientific Reports*, **2014**, 4, 5666	4.9	47
298	Cascading dynamics on random networks: crossover in phase transition. *Physical Review E*, **2012**, 85, 026110	1.1	47
297	Riddled parameter space in spatiotemporal chaotic dynamical systems. *Physical Review Letters*, **1994**, 72, 1640-1643	7.4	47
296	Long transients in ecology: Theory and applications. *Physics of Life Reviews*, **2020**, 32, 1-40	2.1	47

295	Exact controllability of multiplex networks. *New Journal of Physics*, **2014**, 16, 103036	2.9	46
294	Effect of epidemic spreading on species coexistence in spatial rock-paper-scissors games. *Physical Review E*, **2010**, 81, 046113	2.4	46
293	Modeling of deterministic chaotic systems. *Physical Review E*, **1999**, 59, 2907-2910	2.4	45
292	Robustness of chimera states in complex dynamical systems. *Scientific Reports*, **2013**, 3, 3522	4.9	44
291	Symmetry-breaking bifurcation with on-off intermittency in chaotic dynamical systems. *Physical Review E*, **1996**, 53, R4267-R4270	2.4	44
290	Engineering of a synthetic quadrastable gene network to approach Waddington landscape and cell fate determination. *ELife*, **2017**, 6,	8.9	44
289	An efficient immunization strategy for community networks. *PLoS ONE*, **2013**, 8, e83489	3.7	43
288	Cascading failures and the emergence of cooperation in evolutionary-game based models of social and economical networks. *Chaos*, **2011**, 21, 033112	3.3	42
287	Controlled test for predictive power of Lyapunov exponents: their inability to predict epileptic seizures. *Chaos*, **2004**, 14, 630-42	3.3	42
286	Observations on the application of the correlation dimension and correlation integral to the prediction of seizures. *Journal of Clinical Neurophysiology*, **2001**, 18, 269-74	2.2	42
285	Experimental observation of superpersistent chaotic transients. *Physical Review Letters*, **2001**, 86, 4017-20	7.4	42
284	Role of intraspecific competition in the coexistence of mobile populations in spatially extended ecosystems. *Chaos*, **2010**, 20, 023113	3.3	41
283	Correlation dimension and integral do not predict epileptic seizures. *Chaos*, **2005**, 15, 33106	3.3	41
282	Model-free prediction of spatiotemporal dynamical systems with recurrent neural networks: Role of network spectral radius. *Physical Review Research*, **2019**, 1,	3.9	41
281	Quantum manifestation of a synchronization transition in optomechanical systems. *Physical Review A*, **2014**, 90,	2.6	38
280	Transition to global synchronization in clustered networks. *Physical Review E*, **2008**, 77, 046211	2.4	38
279	Energy scaling and reduction in controlling complex networks. *Royal Society Open Science*, **2016**, 3, 160064	3.3	37
278	Quantum chaotic scattering in graphene systems. *Europhysics Letters*, **2011**, 94, 40004	1.6	37

277	Scaling of noisy fluctuations in complex networks and applications to network prediction. *Physical Review E*, **2009**, 80, 016116	2.4	37
276	Noise-induced unstable dimension variability and transition to chaos in random dynamical systems. *Physical Review E*, **2003**, 67, 026210	2.4	37
275	Physical controllability of complex networks. *Scientific Reports*, **2017**, 7, 40198	4.9	36
274	Transportation dynamics on networks of mobile agents. *Physical Review E*, **2011**, 83, 016102	2.4	36
273	Understanding and preventing cascading breakdown in complex clustered networks. *Physical Review E*, **2008**, 78, 036116	2.4	36
272	Long-term prediction of chaotic systems with machine learning. *Physical Review Research*, **2020**, 2,	3.9	36
271	The "weak" interdependence of infrastructure systems produces mixed percolation transitions in multilayer networks. *Scientific Reports*, **2018**, 8, 2111	4.9	35
270	Closed-Loop Control of Complex Networks: A Trade-Off between Time and Energy. *Physical Review Letters*, **2017**, 119, 198301	7.4	35
269	Abnormal cascading on complex networks. *Physical Review E*, **2009**, 80, 036109	2.4	35
268	Dynamics of coding in communicating with chaos. *Physical Review E*, **1998**, 58, 1724-1736	2.4	35
267	Extreme sensitive dependence on parameters and initial conditions in spatio-temporal chaotic dynamical systems. *Physica D: Nonlinear Phenomena*, **1994**, 74, 353-371	3.3	34
266	Emergence of unusual coexistence states in cyclic game systems. *Scientific Reports*, **2017**, 7, 7465	4.9	33
265	Extensively chaotic motion in electrostatically driven nanowires and applications. *Nano Letters*, **2010**, 10, 406-13	11.5	33
264	Bifurcation to strange nonchaotic attractors. *Physical Review E*, **1997**, 56, 1623-1630	2.4	33
263	Strange nonchaotic attractors in random dynamical systems. *Physical Review Letters*, **2004**, 92, 074102	7.4	33
262	Chiral scars in chaotic Dirac fermion systems. *Physical Review Letters*, **2013**, 110, 064102	7.4	32
261	Characterization of synchrony with applications to epileptic brain signals. *Physical Review Letters*, **2007**, 98, 108102	7.4	32
260	Basins of coexistence and extinction in spatially extended ecosystems of cyclically competing species. *Chaos*, **2010**, 20, 045116	3.3	31

259   Noise promotes species diversity in nature. *Physical Review Letters*, **2005**, 94, 038102   7.4   31

258   Scaling behavior of transition to chaos in quasiperiodically driven dynamical systems. *Physical Review E*, **1996**, 54, 6070-6073   2.4   31

257   Converting transient chaos into sustained chaos by feedback control. *Physical Review E*, **1994**, 49, 1094-1098   2.4   31

256   Uncovering hidden nodes in complex networks in the presence of noise. *Scientific Reports*, **2014**, 4, 3944   4.9   30

255   Peer pressure: enhancement of cooperation through mutual punishment. *Physical Review E*, **2015**, 91, 022121   2.4   30

254   Analyses of transient chaotic time series. *Physical Review E*, **2001**, 64, 056207   2.4   30

253   Noise scaling of phase synchronization of chaos. *Physical Review E*, **2000**, 61, 3230-3233   2.4   30

252   Modulating quantum transport by transient chaos. *Applied Physics Letters*, **2012**, 100, 093105   3.4   29

251   Controlling chaos in high dimensions. *IEEE Transactions on Circuits and Systems Part 1: Regular Papers*, **1997**, 44, 971-975   29

250   Driving trajectories to a desirable attractor by using small control. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **1996**, 221, 375-383   2.3   29

249   Critical Exponent for Gap Filling at Crisis. *Physical Review Letters*, **1996**, 77, 3102-3105   7.4   29

248   Characteristics of level-spacing statistics in chaotic graphene billiards. *Chaos*, **2011**, 21, 013102   3.3   28

247   Correlation-dimension and autocorrelation fluctuations in epileptic seizure dynamics. *Physical Review E*, **2002**, 65, 031921   2.4   28

246   Detecting unstable periodic orbits from transient chaotic time series. *Physical Review E*, **2000**, 61, 6485-9   2.4   28

245   Distinct small-distance scaling behavior of on-off intermittency in chaotic dynamical systems. *Physical Review E*, **1996**, 54, 321-327   2.4   28

244   Topological scaling and gap filling at crisis. *Physical Review E*, **2000**, 61, 5019-32   2.4   27

243   Controlling complex, non-linear dynamical networks. *National Science Review*, **2014**, 1, 339-341   10.8   26

242   Complex networks: Dynamics and security **2005**, 64, 483-502   26

241	Crisis in chaotic scattering. *Physical Review Letters*, **1993**, 71, 2212-2215	7.4	26
240	Explosive spreading on complex networks: The role of synergy. *Physical Review E*, **2017**, 95, 042320	2.4	25
239	Detecting and characterizing phase synchronization in nonstationary dynamical systems. *Physical Review E*, **2006**, 73, 026214	2.4	25
238	Universal data-based method for reconstructing complex networks with binary-state dynamics. *Physical Review E*, **2017**, 95, 032303	2.4	24
237	Controlling extreme events on complex networks. *Scientific Reports*, **2014**, 4, 6121	4.9	24
236	Spatiotemporal patterns and predictability of cyberattacks. *PLoS ONE*, **2015**, 10, e0124472	3.7	24
235	Unstable dimension variability in coupled chaotic systems. *Physical Review E*, **1999**, 60, 5445-54	2.4	24
234	Relativistic quantum chaos. *Physics Reports*, **2018**, 753, 1-128	27.7	24
233	Detection of time delays and directional interactions based on time series from complex dynamical systems. *Physical Review E*, **2017**, 96, 012221	2.4	23
232	Universal formalism of Fano resonance. *AIP Advances*, **2015**, 5, 017137	1.5	23
231	Scaling and correlation of human movements in cyberspace and physical space. *Physical Review E*, **2014**, 90, 050802	2.4	23
230	Multi-armed spirals and multi-pairs antispirals in spatial rock–paper–scissors games. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2012**, 376, 2292-2297	2.3	23
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228	Transition to chaos in continuous-time random dynamical systems. *Physical Review Letters*, **2002**, 88, 124101	7.4	23
227	Statistical inference approach to structural reconstruction of complex networks from binary time series. *Physical Review E*, **2018**, 97, 022301	2.4	22
226	Emergence of multicluster chimera states. *Scientific Reports*, **2015**, 5, 12988	4.9	22
225	Extreme events in multilayer, interdependent complex networks and control. *Scientific Reports*, **2015**, 5, 17277	4.9	22
224	Persistent coexistence of cyclically competing species in spatially extended ecosystems. *Chaos*, **2013**, 23, 023128	3.3	22

223	Alternating synchronizability of complex clustered networks with regular local structure. *Physical Review E*, **2008**, 77, 016103	2.4	22
222	Inducing chaos by resonant perturbations: theory and experiment. *Physical Review Letters*, **2005**, 94, 214101	7.4	22
221	EXPERIMENTAL OBSERVATION OF LAG SYNCHRONIZATION IN COUPLED CHAOTIC SYSTEMS. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2000**, 10, 2587-2594	2	22
220	Riddling of Chaotic Sets in Periodic Windows. *Physical Review Letters*, **1999**, 83, 2926-2929	7.4	22
219	Universal framework for edge controllability of complex networks. *Scientific Reports*, **2017**, 7, 4224	4.9	21
218	Dynamical mechanism for coexistence of dispersing species without trade-offs in spatially extended ecological systems. *Physical Review E*, **2001**, 63, 051905	2.4	21
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213	Harnessing quantum transport by transient chaos. *Chaos*, **2013**, 23, 013125	3.3	20
212	Desynchronization and on-off intermittency in complex networks. *Europhysics Letters*, **2009**, 88, 28001	1.6	20
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209	Experimental observation of generalized time-lagged chaotic synchronization. *Physical Review E*, **2001**, 64, 045205	2.4	19
208	Topology of high-dimensional chaotic scattering. *Physical Review E*, **2000**, 62, 6421-8	2.4	19
207	Optimal localization of diffusion sources in complex networks. *Royal Society Open Science*, **2017**, 4, 170091	3.3	18
206	Quasipotential approach to critical scaling in noise-induced chaos. *Physical Review E*, **2010**, 81, 056208	2.4	18

205	Forecasting synchronizability of complex networks from data. *Physical Review E*, **2012**, 85, 056220	2.4	18
204	Superpersistent chaotic transients in physical space: advective dynamics of inertial particles in open chaotic flows under noise. *Physical Review Letters*, **2003**, 91, 224101	7.4	18
203	Dynamical mechanism for coexistence of dispersing species. *Journal of Theoretical Biology*, **2001**, 213, 53-72	2.3	18
202	Revival resonant scattering, perfect caustics, and isotropic transport of pseudospin-1 particles. *Physical Review B*, **2016**, 94,	3.3	18
201	Harnessing tipping points in complex ecological networks. *Journal of the Royal Society Interface*, **2019**, 16, 20190345	4.1	17
200	Data Based Reconstruction of Duplex Networks. *SIAM Journal on Applied Dynamical Systems*, **2020**, 19, 124-150	2.8	17
199	Chaos in Dirac Electron Optics: Emergence of a Relativistic Quantum Chimera. *Physical Review Letters*, **2018**, 120, 124101	7.4	17
198	Unified underpinning of human mobility in the real world and cyberspace. *New Journal of Physics*, **2016**, 18, 053025	2.9	17
197	. *IEEE Transactions on Circuits and Systems Part 1: Regular Papers*, **2007**, 54, 1109-1119		17
196	Extraordinarily superpersistent chaotic transients. *Europhysics Letters*, **2004**, 67, 914-920	1.6	17
195	Noise-enhanced temporal regularity in coupled chaotic oscillators. *Physical Review E*, **2001**, 64, 066202	2.4	17
194	Controlling on-off intermittent dynamics. *Physical Review E*, **1996**, 54, 1190-1199	2.4	17
193	Machine learning prediction of critical transition and system collapse. *Physical Review Research*, **2021**, 3,	3.9	17
192	Partial cross mapping eliminates indirect causal influences. *Nature Communications*, **2020**, 11, 2632	17.4	16
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190	Conductance fluctuations in graphene systems: The relevance of classical dynamics. *Physical Review B*, **2012**, 85,	3.3	16
189	Characterization of nonstationary chaotic systems. *Physical Review E*, **2008**, 77, 026208	2.4	16
188	Oscillatory associative memory network with perfect retrieval. *Physica D: Nonlinear Phenomena*, **2004**, 197, 134-148	3.3	16

187	Perturbed on-off intermittency. *Physical Review E*, **2001**, 64, 016220	2.4	16
186	Irrelevance of linear controllability to nonlinear dynamical networks. *Nature Communications*, **2019**, 10, 3961	17.4	15
185	Superpersistent currents and whispering gallery modes in relativistic quantum chaotic systems. *Scientific Reports*, **2015**, 5, 8963	4.9	15
184	Locating multiple diffusion sources in time varying networks from sparse observations. *Scientific Reports*, **2018**, 8, 2685	4.9	15
183	Universal flux-fluctuation law in small systems. *Scientific Reports*, **2014**, 4, 6787	4.9	15
182	Emergence of grouping in multi-resource minority game dynamics. *Scientific Reports*, **2012**, 2, 703	4.9	15
181	Analytic signals and the transition to chaos in deterministic flows. *Physical Review E*, **1998**, 58, R6911-R6914	2.4	15
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178	Transient chaos - a resolution of breakdown of quantum-classical correspondence in optomechanics. *Scientific Reports*, **2016**, 6, 35381	4.9	15
177	Autapses promote synchronization in neuronal networks. *Scientific Reports*, **2018**, 8, 580	4.9	14
176	Directed dynamical influence is more detectable with noise. *Scientific Reports*, **2016**, 6, 24088	4.9	14
175	Universality of flux-fluctuation law in complex dynamical systems. *Physical Review E*, **2013**, 87, 012808	2.4	14
174	Complex dynamics in nanosystems. *Physical Review E*, **2013**, 87, 052911	2.4	14
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168	Synergistic interactions promote behavior spreading and alter phase transitions on multiplex networks. *Physical Review E*, **2018**, 97, 022311	2.4	13
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166	Reconstructing direct and indirect interactions in networked public goods game. *Scientific Reports*, **2016**, 6, 30241	4.9	13
165	Interplay of Lorentz-Berry forces in position-momentum spaces for valley-dependent impurity scattering in α-𝒯3 lattices. *Physical Review B*, **2019**, 99,	3.3	13
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163	Reverse engineering of complex dynamical networks in the presence of time-delayed interactions based on noisy time series. *Chaos*, **2012**, 22, 033131	3.3	13
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161	Regular dynamics of low-frequency fluctuations in external cavity semiconductor lasers. *Physical Review E*, **2001**, 63, 056206	2.4	13
160	An upper bound for the proper delay time in chaotic time-series analysis. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **1996**, 218, 30-34	2.3	13
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158	Machine learning dynamical phase transitions in complex networks. *Physical Review E*, **2019**, 100, 052312	2.4	13
157	Quasiperiodicity and suppression of multistability in nonlinear dynamical systems. *European Physical Journal: Special Topics*, **2017**, 226, 1703-1719	2.3	12
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155	Multi-Carrier Differential Chaos Shift Keying System With Subcarriers Allocation for Noise Reduction. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2018**, 65, 1733-1737	3.5	12
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152	Effect of chaos on relativistic quantum tunneling. *Europhysics Letters*, **2012**, 98, 50007	1.6	12

133	How often are chaotic transients in spatially extended ecological systems?. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2001**, 280, 297-302	2.3	10
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131	Asymmetry in interdependence makes a multilayer system more robust against cascading failures. *Physical Review E*, **2019**, 100, 052306	2.4	10
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128	Relativistic quantum tunneling of a Dirac fermion in nonhyperbolic chaotic systems. *Physical Review B*, **2013**, 87,	3.3	9
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125	Control of transmission in disordered graphene nanojunctions through stochastic resonance. *Applied Physics Letters*, **2010**, 96, 262114	3.4	9
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123	PROBING COMPLEX NETWORKS FROM MEASURED TIME SERIES. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2012**, 22, 1250236	2	9
122	Basins of attraction in piecewise smooth Hamiltonian systems. *Physical Review E*, **2005**, 72, 025201	2.4	9
121	OBSTRUCTION TO DETERMINISTIC MODELING OF CHAOTIC SYSTEMS WITH AN INVARIANT SUBSPACE. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2000**, 10, 683-693	2	9
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118	Non-Markovian recovery makes complex networks more resilient against large-scale failures. *Nature Communications*, **2020**, 11, 2490	17.4	8
117	Effect of network structural perturbations on spiral wave patterns. *Nonlinear Dynamics*, **2018**, 93, 1671-1680	5	8
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114	Conductance fluctuations in chaotic bilayer graphene quantum dots. *Physical Review E*, **2015**, 92, 012918	2.4	8
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