

# D Jrgen Kurths

## List of Publications by Citations

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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.

964  
papers

53,118  
citations

105  
h-index

206  
g-index

1,027  
ext. papers

60,848  
ext. citations

4.1  
avg, IF

8.1  
L-index

#	Paper	IF	Citations
964	Synchronization: A Universal Concept in Nonlinear Sciences <b>2001</b> ,		3459
963	Synchronization in complex networks. <i>Physics Reports</i> , <b>2008</b> , 469, 93-153	27.7	2392
962	Phase synchronization of chaotic oscillators. <i>Physical Review Letters</i> , <b>1996</b> , 76, 1804-1807	7.4	2115
961	Recurrence plots for the analysis of complex systems. <i>Physics Reports</i> , <b>2007</b> , 438, 237-329	27.7	2074
960	The synchronization of chaotic systems. <i>Physics Reports</i> , <b>2002</b> , 366, 1-101	27.7	1934
959	Coherence Resonance in a Noise-Driven Excitable System. <i>Physical Review Letters</i> , <b>1997</b> , 78, 775-778	7.4	1335
958	Detection of n:m Phase Locking from Noisy Data: Application to Magnetoencephalography. <i>Physical Review Letters</i> , <b>1998</b> , 81, 3291-3294	7.4	1084
957	From Phase to Lag Synchronization in Coupled Chaotic Oscillators. <i>Physical Review Letters</i> , <b>1997</b> , 78, 4193-4196	7.4	1006
956	Second-order consensus for multiagent systems with directed topologies and nonlinear dynamics. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2010</b> , 40, 881-91		668
955	Recurrence-plot-based measures of complexity and their application to heart-rate-variability data. <i>Physical Review E</i> , <b>2002</b> , 66, 026702	2.4	591
954	Heartbeat synchronized with ventilation. <i>Nature</i> , <b>1998</b> , 392, 239-40	50.4	561
953	The Kuramoto model in complex networks. <i>Physics Reports</i> , <b>2016</b> , 610, 1-98	27.7	430
952	Phase synchronization of chaotic oscillators by external driving. <i>Physica D: Nonlinear Phenomena</i> , <b>1997</b> , 104, 219-238	3.3	425
951	Network synchronization, diffusion, and the paradox of heterogeneity. <i>Physical Review E</i> , <b>2005</b> , 71, 016114	11.6	410
950	Complex network approach for recurrence analysis of time series. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2009</b> , 373, 4246-4254	2.3	398
949	Recurrence networks – novel paradigm for nonlinear time series analysis. <i>New Journal of Physics</i> , <b>2010</b> , 12, 033025	2.9	374
948	Quantitative analysis of heart rate variability. <i>Chaos</i> , <b>1995</b> , 5, 88-94	3.3	365

947	Cross wavelet analysis: significance testing and pitfalls. <i>Nonlinear Processes in Geophysics</i> , <b>2004</b> , 11, 505-514	5.1	363
946	Hierarchical organization unveiled by functional connectivity in complex brain networks. <i>Physical Review Letters</i> , <b>2006</b> , 97, 238103	7.4	361
945	How basin stability complements the linear-stability paradigm. <i>Nature Physics</i> , <b>2013</b> , 9, 89-92	16.2	330
944	Complex networks in climate dynamics. <i>European Physical Journal: Special Topics</i> , <b>2009</b> , 174, 157-179	2.3	325
943	Synchronization control for nonlinear stochastic dynamical networks: pinning impulsive strategy. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2012</b> , 23, 285-92	10.3	318
942	Dynamical weights and enhanced synchronization in adaptive complex networks. <i>Physical Review Letters</i> , <b>2006</b> , 96, 164102	7.4	305
941	Nonlinear analysis of bivariate data with cross recurrence plots. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2002</b> , 302, 299-307	2.3	303
940	Exponential synchronization of linearly coupled neural networks with impulsive disturbances. <i>IEEE Transactions on Neural Networks</i> , <b>2011</b> , 22, 329-36		297
939	The backbone of the climate network. <i>Europhysics Letters</i> , <b>2009</b> , 87, 48007	1.6	290
938	Enhancing complex-network synchronization. <i>Europhysics Letters</i> , <b>2005</b> , 69, 334-340	1.6	284
937	Oscillation quenching mechanisms: Amplitude vs. oscillation death. <i>Physics Reports</i> , <b>2013</b> , 531, 173-199	27.7	283
936	Universality in the synchronization of weighted random networks. <i>Physical Review Letters</i> , <b>2006</b> , 96, 034101	7.0	270
935	Quasi-synchronization of heterogeneous dynamic networks via distributed impulsive control: Error estimation, optimization and design. <i>Automatica</i> , <b>2015</b> , 62, 249-262	5.7	269
934	RECURRENCE-BASED TIME SERIES ANALYSIS BY MEANS OF COMPLEX NETWORK METHODS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2011</b> , 21, 1019-1046	2	268
933	Synchronization in Oscillatory Networks. <i>Springer Series in Synergetics</i> , <b>2007</b> ,	0.4	261
932	Distributed Adaptive Control of Synchronization in Complex Networks. <i>IEEE Transactions on Automatic Control</i> , <b>2012</b> , 57, 2153-2158	5.9	259
931	How dead ends undermine power grid stability. <i>Nature Communications</i> , <b>2014</b> , 5, 3969	17.4	252
930	Array-enhanced coherence resonance: nontrivial effects of heterogeneity and spatial independence of noise. <i>Physical Review Letters</i> , <b>2001</b> , 87, 098101	7.4	249

929	Distributed Synchronization in Networks of Agent Systems With Nonlinearities and Random Switchings. <i>IEEE Transactions on Cybernetics</i> , <b>2013</b> , 43, 358-70	10.2	233
928	Magnetic fields near Mars: first results. <i>Nature</i> , <b>1989</b> , 341, 604-607	50.4	230
927	Leader-following consensus of a class of stochastic delayed multi-agent systems with partial mixed impulses. <i>Automatica</i> , <b>2015</b> , 53, 346-354	5.7	228
926	Cortical hubs form a module for multisensory integration on top of the hierarchy of cortical networks. <i>Frontiers in Neuroinformatics</i> , <b>2010</b> , 4, 1	3.9	226
925	Synchronization in the human cardiorespiratory system. <i>Physical Review E</i> , <b>1999</b> , 60, 857-70	2.4	226
924	Phase synchronization effects in a lattice of nonidentical Rössler oscillators. <i>Physical Review E</i> , <b>1997</b> , 55, 2353-2361	2.4	212
923	Distributed Higher Order Consensus Protocols in Multiagent Dynamical Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2011</b> , 58, 1924-1932	3.9	210
922	A comparative classification of complexity measures. <i>Chaos, Solitons and Fractals</i> , <b>1994</b> , 4, 133-173	9.3	199
921	Synchronization in complex networks and its application – A survey of recent advances and challenges. <i>Annual Reviews in Control</i> , <b>2014</b> , 38, 184-198	10.3	198
920	NONLINEAR DYNAMICAL SYSTEM IDENTIFICATION FROM UNCERTAIN AND INDIRECT MEASUREMENTS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2004</b> , 14, 1905-1933	2	198
919	Complex network approaches to nonlinear time series analysis. <i>Physics Reports</i> , <b>2019</b> , 787, 1-97	27.7	198
918	Evidence for a bimodal distribution in human communication. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2010</b> , 107, 18803-8	11.5	190
917	Escaping the curse of dimensionality in estimating multivariate transfer entropy. <i>Physical Review Letters</i> , <b>2012</b> , 108, 258701	7.4	187
916	A new color image encryption scheme based on DNA sequences and multiple improved 1D chaotic maps. <i>Applied Soft Computing Journal</i> , <b>2015</b> , 37, 24-39	7.5	186
915	Synchronization in a population of globally coupled chaotic oscillators. <i>Europhysics Letters</i> , <b>1996</b> , 34, 165-170	1.6	186
914	PHASE SYNCHRONIZATION IN REGULAR AND CHAOTIC SYSTEMS. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2000</b> , 10, 2291-2305	2	184
913	Attractor-Repeller Collision and Eyelet Intermittency at the Transition to Phase Synchronization. <i>Physical Review Letters</i> , <b>1997</b> , 79, 47-50	7.4	182
912	Complex network analysis of time series. <i>Europhysics Letters</i> , <b>2016</b> , 116, 50001	1.6	182

911	. <i>IEEE Transactions on Industrial Electronics</i> , <b>2016</b> , 63, 1299-1307	8.9	181
910	Leader-Following Consensus of Nonlinear Multiagent Systems With Stochastic Sampling. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 327-338	10.2	178
909	Noise-induced phase synchronization and synchronization transitions in chaotic oscillators. <i>Physical Review Letters</i> , <b>2002</b> , 88, 230602	7.4	178
908	Nonlinear detection of paleoclimate-variability transitions possibly related to human evolution. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2011</b> , 108, 20422-7	11.5	173
907	Influence of observational noise on the recurrence quantification analysis. <i>Physica D: Nonlinear Phenomena</i> , <b>2002</b> , 171, 138-152	3.3	173
906	Analysis of spatial and temporal extreme monsoonal rainfall over South Asia using complex networks. <i>Climate Dynamics</i> , <b>2012</b> , 39, 971-987	4.2	168
905	Nonlinear analysis of complex phenomena in cardiological data. <i>Herzschrittmachertherapie Und Elektrophysiologie</i> , <b>2000</b> , 11, 159-173	0.8	168
904	Comparison of correlation analysis techniques for irregularly sampled time series. <i>Nonlinear Processes in Geophysics</i> , <b>2011</b> , 18, 389-404	2.9	161
903	PINNING IMPULSIVE STABILIZATION OF NONLINEAR DYNAMICAL NETWORKS WITH TIME-VARYING DELAY. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2012</b> , 22, 1250176	2	158
902	Onymity promotes cooperation in social dilemma experiments. <i>Science Advances</i> , <b>2017</b> , 3, e1601444	14.3	155
901	Synchronization of two interacting populations of oscillators. <i>Physical Review E</i> , <b>2004</b> , 70, 056125	2.4	154
900	Burst synchronization transitions in a neuronal network of subnetworks. <i>Chaos</i> , <b>2011</b> , 21, 016110	3.3	151
899	Vibrational resonance and vibrational propagation in excitable systems. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2003</b> , 312, 348-354	2.3	151
898	Prediction of extreme floods in the eastern Central Andes based on a complex networks approach. <i>Nature Communications</i> , <b>2014</b> , 5, 5199	17.4	149
897	Detection of synchronization for non-phase-coherent and non-stationary data. <i>Europhysics Letters</i> , <b>2005</b> , 71, 466-472	1.6	147
896	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2014</b> , 61, 1508-1519	3.9	144
895	Investigating the topology of interacting networks. <i>European Physical Journal B</i> , <b>2011</b> , 84, 635-651	1.2	143
894	Noise-induced synchronization and coherence resonance of a Hodgkin-Huxley model of thermally sensitive neurons. <i>Chaos</i> , <b>2003</b> , 13, 401-9	3.3	143

893	Complex networks reveal global pattern of extreme-rainfall teleconnections. <i>Nature</i> , <b>2019</b> , 566, 373-377	50.4	141
892	Sampled-Data Consensus of Linear Multi-agent Systems With Packet Losses. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2017</b> , 28, 2516-2527	10.3	137
891	Estimation of dynamical invariants without embedding by recurrence plots. <i>Chaos</i> , <b>2004</b> , 14, 234-43	3.3	136
890	Three types of transitions to phase synchronization in coupled chaotic oscillators. <i>Physical Review Letters</i> , <b>2003</b> , 91, 024101	7.4	133
889	Consensus over directed static networks with arbitrary finite communication delays. <i>Physical Review E</i> , <b>2009</b> , 80, 066121	2.4	130
888	Identifying causal gateways and mediators in complex spatio-temporal systems. <i>Nature Communications</i> , <b>2015</b> , 6, 8502	17.4	128
887	Short-term forecasting of life-threatening cardiac arrhythmias based on symbolic dynamics and finite-time growth rates. <i>Physical Review E</i> , <b>2000</b> , 61, 733-9	2.4	126
886	Transition from amplitude to oscillation death via Turing bifurcation. <i>Physical Review Letters</i> , <b>2013</b> , 111, 024103	7.4	125
885	Complex networks identify spatial patterns of extreme rainfall events of the South American Monsoon System. <i>Geophysical Research Letters</i> , <b>2013</b> , 40, 4386-4392	4.9	125
884	Classifying cardiac biosignals using ordinal pattern statistics and symbolic dynamics. <i>Computers in Biology and Medicine</i> , <b>2012</b> , 42, 319-27	7	125
883	Alternating Locking Ratios in Imperfect Phase Synchronization. <i>Physical Review Letters</i> , <b>1999</b> , 82, 4228-4231	7.4	125
882	Dynamic Analysis of Digital Chaotic Maps via State-Mapping Networks. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2019</b> , 66, 2322-2335	3.9	123
881	Synchronization in networks of mobile oscillators. <i>Physical Review E</i> , <b>2011</b> , 83, 025101	2.4	122
880	Spatial coherence resonance on diffusive and small-world networks of Hodgkin-Huxley neurons. <i>Chaos</i> , <b>2008</b> , 18, 023102	3.3	122
879	Color image DNA encryption using NCA map-based CML and one-time keys. <i>Signal Processing</i> , <b>2018</b> , 148, 272-287	4.4	121
878	Challenges in network science: Applications to infrastructures, climate, social systems and economics. <i>European Physical Journal: Special Topics</i> , <b>2012</b> , 214, 273-293	2.3	121
877	Single impulsive controller for globally exponential synchronization of dynamical networks. <i>Nonlinear Analysis: Real World Applications</i> , <b>2013</b> , 14, 581-593	2.1	121
876	Restoration of rhythmicity in diffusively coupled dynamical networks. <i>Nature Communications</i> , <b>2015</b> , 6, 7709	17.4	119

875	Phase synchronization in ensembles of bursting oscillators. <i>Physical Review Letters</i> , <b>2004</b> , 93, 134101	7.4	119
874	An attractor in a solar time series. <i>Physica D: Nonlinear Phenomena</i> , <b>1987</b> , 25, 165-172	3.3	119
873	Explosive synchronization in a general complex network. <i>Physical Review E</i> , <b>2013</b> , 88, 010802	2.4	117
872	COConstructing Proxy Records from Age models (COPRA). <i>Climate of the Past</i> , <b>2012</b> , 8, 1765-1779	3.9	117
871	Structure-function relationship in complex brain networks expressed by hierarchical synchronization. <i>New Journal of Physics</i> , <b>2007</b> , 9, 178-178	2.9	116
870	Cluster explosive synchronization in complex networks. <i>Physical Review Letters</i> , <b>2013</b> , 110, 218701	7.4	115
869	Event-Triggering Containment Control for a Class of Multi-Agent Networks With Fixed and Switching Topologies. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2017</b> , 64, 619-629	3.9	114
868	Doubly stochastic resonance. <i>Physical Review Letters</i> , <b>2000</b> , 85, 227-31	7.4	114
867	Modification of Brain Oscillations via Rhythmic Light Stimulation Provides Evidence for Entrainment but Not for Superposition of Event-Related Responses. <i>Frontiers in Human Neuroscience</i> , <b>2016</b> , 10, 10	3.3	114
866	Evolutionary Pinning Control and Its Application in UAV Coordination. <i>IEEE Transactions on Industrial Informatics</i> , <b>2012</b> , 8, 828-838	11.9	113
865	Multivariate recurrence plots. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2004</b> , 330, 214-223	2.3	113
864	Cortical functional connectivity networks in normal and spinal cord injured patients: Evaluation by graph analysis. <i>Human Brain Mapping</i> , <b>2007</b> , 28, 1334-46	5.9	112
863	Strange non-chaotic attractor in a quasiperiodically forced circle map. <i>Physica D: Nonlinear Phenomena</i> , <b>1995</b> , 88, 176-186	3.3	111
862	The geometry of chaotic dynamics in a complex network perspective. <i>European Physical Journal B</i> , <b>2011</b> , 84, 653-672	1.2	109
861	Reconstruction of non-linear time delay models from data by the use of optimal transformations. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>1997</b> , 234, 336-344	2.3	109
860	Structural and functional clusters of complex brain networks. <i>Physica D: Nonlinear Phenomena</i> , <b>2006</b> , 224, 202-212	3.3	106
859	Pinning distributed synchronization of stochastic dynamical networks: a mixed optimization approach. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2014</b> , 25, 1804-15	10.3	105
858	How much information is contained in a recurrence plot?. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2004</b> , 330, 343-349	2.3	104

857	Comparing modern and Pleistocene ENSO-like influences in NW Argentina using nonlinear time series analysis methods. <i>Climate Dynamics</i> , <b>2003</b> , 21, 317-326	4.2	104
856	Noise-enhanced phase synchronization of chaotic oscillators. <i>Physical Review Letters</i> , <b>2002</b> , 89, 014101	7.4	104
855	Twin surrogates to test for complex synchronisation. <i>Europhysics Letters</i> , <b>2006</b> , 75, 535-541	1.6	103
854	Quantifying causal coupling strength: a lag-specific measure for multivariate time series related to transfer entropy. <i>Physical Review E</i> , <b>2012</b> , 86, 061121	2.4	102
853	Synchronization of complex dynamical networks with time delays. <i>Physica A: Statistical Mechanics and Its Applications</i> , <b>2006</b> , 361, 24-34	3.3	99
852	Quantifying the Strength and Delay of Climatic Interactions: The Ambiguities of Cross Correlation and a Novel Measure Based on Graphical Models. <i>Journal of Climate</i> , <b>2014</b> , 27, 720-739	4.4	98
851	Inner composition alignment for inferring directed networks from short time series. <i>Physical Review Letters</i> , <b>2011</b> , 107, 054101	7.4	95
850	Basin of attraction determines hysteresis in explosive synchronization. <i>Physical Review Letters</i> , <b>2014</b> , 112, 114102	7.4	92
849	A constrained evolutionary computation method for detecting controlling regions of cortical networks. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , <b>2012</b> , 9, 1569-81	3	92
848	Partial phase synchronization for multivariate synchronizing systems. <i>Physical Review Letters</i> , <b>2006</b> , 96, 208103	7.4	92
847	. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2015</b> , 23, 1274-1285	8.3	90
846	Estimation of the direction of the coupling by conditional probabilities of recurrence. <i>Physical Review E</i> , <b>2007</b> , 76, 036211	2.4	88
845	Influence of paced maternal breathing on fetal-maternal heart rate coordination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , <b>2009</b> , 106, 13661-6	11.5	87
844	Ambiguities in recurrence-based complex network representations of time series. <i>Physical Review E</i> , <b>2010</b> , 81, 015101	2.4	87
843	Phase-flip bifurcation induced by time delay. <i>Physical Review E</i> , <b>2006</b> , 74, 035204	2.4	86
842	Line structures in recurrence plots. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2005</b> , 336, 349-357	2.3	86
841	Cooperative differentiation through clustering in multicellular populations. <i>Journal of Theoretical Biology</i> , <b>2010</b> , 263, 189-202	2.3	85
840	Wavelet Analysis of Solar Flare Hard X-Rays. <i>Astrophysical Journal</i> , <b>1998</b> , 505, 941-956	4.7	85



839	Multiparametric analysis of heart rate variability used for risk stratification among survivors of acute myocardial infarction. <i>PACE - Pacing and Clinical Electrophysiology</i> , <b>1998</b> , 21, 186-92	1.6	84
838	Analytical framework for recurrence network analysis of time series. <i>Physical Review E</i> , <b>2012</b> , 85, 046105	2.4	83
837	Reliability of Inference of Directed Climate Networks Using Conditional Mutual Information. <i>Entropy</i> , <b>2013</b> , 15, 2023-2045	2.8	83
836	Delay-induced transitions in visually guided movements. <i>Physical Review E</i> , <b>1996</b> , 54, R2224-R2227	2.4	82
835	Exploring brain function from anatomical connectivity. <i>Frontiers in Neuroscience</i> , <b>2011</b> , 5, 83	5.1	80
834	Reviving oscillations in coupled nonlinear oscillators. <i>Physical Review Letters</i> , <b>2013</b> , 111, 014101	7.4	77
833	NONLINEAR METHODS OF CARDIOVASCULAR PHYSICS AND THEIR CLINICAL APPLICABILITY. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2007</b> , 17, 3325-3371	2	77
832	Multistability of synthetic genetic networks with repressive cell-to-cell communication. <i>Physical Review E</i> , <b>2008</b> , 78, 031904	2.4	76
831	Generalised recurrence plot analysis for spatial data. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2007</b> , 360, 545-551	2.3	76
830	Epochs of phase coherence between El Niño/Southern Oscillation and Indian monsoon. <i>Geophysical Research Letters</i> , <b>2005</b> , 32,	4.9	75
829	Localized Lyapunov exponents and the prediction of predictability. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2000</b> , 271, 237-251	2.3	75
828	The application of methods of non-linear dynamics for the improved and predictive recognition of patients threatened by sudden cardiac death. <i>Cardiovascular Research</i> , <b>1996</b> , 31, 419-33	9.9	75
827	Synchronization in dynamical networks: evolution along commutative graphs. <i>Physical Review E</i> , <b>2006</b> , 74, 016102	2.4	74
826	Secure and Energy-Efficient Data Transmission System Based on Chaotic Compressive Sensing in Body-to-Body Networks. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , <b>2017</b> , 11, 558-573	5.1	73
825	Effects of partial time delays on phase synchronization in Watts-Strogatz small-world neuronal networks. <i>Chaos</i> , <b>2017</b> , 27, 053113	3.3	73
824	Phase synchronization in driven and coupled chaotic oscillators. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , <b>1997</b> , 44, 874-881		73
823	Inherent multistability in arrays of autoinducer coupled genetic oscillators. <i>Physical Review E</i> , <b>2007</b> , 75, 031916	2.4	73
822	Do globally coupled maps really violate the law of large numbers?. <i>Physical Review Letters</i> , <b>1994</b> , 72, 1644-1646	7.4	72

821	Recurrence networks from multivariate signals for uncovering dynamic transitions of horizontal oil-water stratified flows. <i>Europhysics Letters</i> , <b>2013</b> , 103, 50004	1.6	70
820	Disentangling different types of El Niño episodes by evolving climate network analysis. <i>Physical Review E</i> , <b>2013</b> , 88, 052807	2.4	70
819	Phase synchronization in the forced Lorenz system. <i>Physical Review E</i> , <b>1999</b> , 60, 6627-38	2.4	70
818	Amplitude Equations from Spatiotemporal Binary-Fluid Convection Data. <i>Physical Review Letters</i> , <b>1999</b> , 83, 3422-3425	7.4	70
817	Geometric detection of coupling directions by means of inter-system recurrence networks. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , <b>2012</b> , 376, 3504-3513	2.3	69
816	A deforestation-induced tipping point for the South American monsoon system. <i>Scientific Reports</i> , <b>2017</b> , 7, 41489	4.9	67
815	Robust $H_{\infty}$ Self-Triggered Control of Networked Systems Under Packet Dropouts. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 3294-3305	10.2	67
814	State estimation of fractional-order delayed memristive neural networks. <i>Nonlinear Dynamics</i> , <b>2018</b> , 94, 1215-1225	5	67
813	The South American rainfall dipole: A complex network analysis of extreme events. <i>Geophysical Research Letters</i> , <b>2014</b> , 41, 7397-7405	4.9	67
812	Recurrence plots 25 years later – Gaining confidence in dynamical transitions. <i>Europhysics Letters</i> , <b>2013</b> , 101, 20007	1.6	67
811	Unified functional network and nonlinear time series analysis for complex systems science: The pyunicorn package. <i>Chaos</i> , <b>2015</b> , 25, 113101	3.3	67
810	Parameter mismatches and oscillation death in coupled oscillators. <i>Chaos</i> , <b>2010</b> , 20, 023132	3.3	67
809	Order patterns recurrence plots in the analysis of ERP data. <i>Cognitive Neurodynamics</i> , <b>2007</b> , 1, 317-25	4.2	65
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