

Jinhu Lu

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.

327
papers

17,185
citations

61
h-index

125
g-index

388
ext. papers

20,223
ext. citations

4.2
avg, IF

7.24
L-index

#	Paper	IF	Citations
327	Dynamic Event-Triggered Leader-Follower Consensus Control for MultiAgent Systems. <i>SIAM Journal on Control and Optimization</i> , 2022 , 60, 189-209	1.9	8
326	A topological mechanism of superdiffusion on duplex networks. <i>IEEE Transactions on Control of Network Systems</i> , 2022 , 1-1	4	1
325	Task coupling based layered cooperative guidance: Theories and applications. <i>Control Engineering Practice</i> , 2022 , 121, 105050	3.9	1
324	Distributed Nash Equilibrium Seeking in Consistency-Constrained Multicoalition Games.. <i>IEEE Transactions on Cybernetics</i> , 2022 , PP,	10.2	1
323	Adaptive Leaderless Consensus for Uncertain High-Order Nonlinear Multiagent Systems With Event-Triggered Communication. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022 , 1-17	7.3	1
322	Adaptive Practical Optimal Time-Varying Formation Tracking Control for Disturbed High-Order Multi-Agent Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022 , 1-12	3.9	11
321	Predefined-Time Bounded Consensus of Multiagent Systems With Unknown Nonlinearity via Distributed Adaptive Fuzzy Control.. <i>IEEE Transactions on Cybernetics</i> , 2022 , PP,	10.2	2
320	Distributed Nash Equilibrium Seeking for Aggregative Games With Directed Communication Graphs. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022 , 1-14	3.9	
319	Optimizing Constrained Guidance Policy With Minimum Overload Regularization. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022 , 1-12	3.9	
318	An Augmented Game Approach for Design and Analysis of Distributed Learning Dynamics in Multiagent Games. <i>IEEE Transactions on Cybernetics</i> , 2022 , 1-12	10.2	
317	Layer-wise Searching for 1-bit Detectors 2021 ,		7
316	Observer-Based Event-Triggered Formation Control of Multi-Agent Systems With Switching Directed Topologies. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 1-10	3.9	2
315	Elementary Subgraph Features for Link Prediction with Neural Networks. <i>IEEE Transactions on Knowledge and Data Engineering</i> , 2021 , 1-1	4.2	
314	Design and Smartphone Implementation of Chaotic Duplex H.264-Codec Video Communications. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2021 , 31, 2150045	2	1
313	Finite-Time Intra-Layer and Inter-Layer Quasi-Synchronization of Two-Layer Multi-Weighted Networks. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 1589-1598	3.9	12
312	Learning to Optimize Industry-Scale Dynamic Pickup and Delivery Problems 2021 ,		5
311	Cryptanalysis of Some Self-Synchronous Chaotic Stream Ciphers and Their Improved Schemes. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2021 , 31, 2150142	2	

310	Time-varying output formation tracking of heterogeneous linear multi-agent systems with dynamical controllers. <i>Neurocomputing</i> , 2021 , 441, 36-43	5.4	3
309	. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 2082-2086	3.5	2
308	Design and Implementation of Bounded Finite-Time Control Algorithm for Speed Regulation of Permanent Magnet Synchronous Motor. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 2417-2426	8.9	20
307	A Decomposition Approach for Synchronization of Heterogeneous Complex Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 853-863	7.3	1
306	Infection-Probability-Dependent Interlayer Interaction Propagation Processes in Multiplex Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 1085-1096	7.3	7
305	PID Control for Synchronization of Complex Dynamical Networks With Directed Topologies. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 1334-1346	10.2	16
304	Distributed Adaptive Finite-Time Consensus for Second-Order Multiagent Systems With Mismatched Disturbances Under Directed Networks. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 1347-1358	10.2	20
303	A distributed normalized Nash equilibrium seeking algorithm for power allocation among micro-grids. <i>Science China Technological Sciences</i> , 2021 , 64, 341-352	3.5	0
302	Security Analysis of Discrete Nonlinear Systems With Injection Attacks Under Iterative Learning Schemes. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-9	7.3	1
301	Fixed-Time Synchronization of Coupled Neural Networks With Discontinuous Activation and Mismatched Parameters. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 2470-2482	10.3	22
300	Finite-Time Synchronization of Impulsive Dynamical Networks With Strong Nonlinearity. <i>IEEE Transactions on Automatic Control</i> , 2021 , 66, 3550-3561	5.9	7
299	A Novel Synchronization Protocol for Nonlinear Stochastic Dynamical Networked Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 2676-2686	7.3	1
298	Fully Adaptive Practical Time-Varying Output Formation Tracking for High-Order Nonlinear Stochastic Multiagent System With Multiple Leaders. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 2265-2277	10.2	13
297	Learning-Based Policy Optimization for Adversarial Missile-Target Assignment. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-12	7.3	6
296	Efficient structured pruning based on deep feature stabilization. <i>Neural Computing and Applications</i> , 2021 , 33, 7409-7420	4.8	1
295	CloudEdge-Based Lightweight Temporal Convolutional Networks for Remaining Useful Life Prediction in IIoT. <i>IEEE Internet of Things Journal</i> , 2021 , 8, 12578-12587	10.7	18
294	Predefined Finite-Time Output Containment of Nonlinear Multi-Agent Systems With Leaders of Unknown Inputs. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 3436-3448	3.9	4
293	Distributed Adaptive Resilient Formation Control of Uncertain Nonholonomic Mobile Robots Under Deception Attacks. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 3822-3835	3.9	6

292	Opinion Diffusion in Two-Layer Interconnected Networks. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 3772-3783	3.9	4
291	Event-Triggering Communication Based Distributed Coordinated Control of Multiple High-Speed Trains. <i>IEEE Transactions on Vehicular Technology</i> , 2021 , 70, 8556-8566	6.8	1
290	Distributed adaptive cooperative time-varying formation tracking guidance for multiple aerial vehicles system. <i>Aerospace Science and Technology</i> , 2021 , 117, 106925	4.9	7
289	Exploring Impact Factors of Risk Contagion in Venture Capital Markets: A Complex Network Approach. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 68, 4268-4277	3.9	1
288	Learning From Architectural Redundancy: Enhanced Deep Supervision in Deep Multipath Encoder-Decoder Networks. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	2
287	The Graph Structure of the Generalized Discrete Arnold's Cat Map. <i>IEEE Transactions on Computers</i> , 2021 , 1-1	2.5	18
286	Evaluating Performances and Importance of Venture Capitals: A Complex Network Approach. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 1-9	3.9	2
285	Topology Identification of Multilink Complex Dynamical Networks via Adaptive Observers Incorporating Chaotic Exosignals. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	4
284	Time-Varying Group Formation-Containment Tracking Control for General Linear Multiagent Systems With Unknown Inputs. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	3
283	. <i>IEEE Transactions on Aerospace and Electronic Systems</i> , 2021 , 1-1	3.7	2
282	Modeling and Analysis of Coupled Bio-molecular Circuits 2020 , 215-248		
281	Identifying Important Nodes in Bio-Molecular Networks 2020 , 315-396		
280	Statistical Analysis of Functional Genes in Human PPI Networks 2020 , 397-426		
279	Introduction and Preliminaries 2020 , 1-49		
278	Reconstruction of Bio-molecular Networks 2020 , 53-105		
277	Evolutionary Mechanisms of Network Motifs in PPI Networks 2020 , 295-313		
276	Data-Driven Statistical Approaches for Omics Data Analysis 2020 , 429-459		
275	Modeling and Analysis of Large-Scale Networks 2020 , 249-292		2

274 Modeling and Analysis of Simple Genetic Circuits **2020**, 107-214

273 Distributed Consensus of Layered Multi-Agent Systems Subject to Attacks on Edges. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2020**, 67, 3152-3162 3.9 28

272 Design and Virtex-7-Based Implementation of Video Chaotic Secure Communications. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2020**, 30, 2050075 2 4

271 Synchronization Analysis on Two-Layer Networks of Fractional-Order Systems: Intralayer and Interlayer Synchronization. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2020**, 67, 2397-2408 3.9 8

270 Semiglobal Consensus of a Class of Heterogeneous Multi-Agent Systems With Saturation. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 4946-4955 10.3 8

269 Optimizing Synchronizability of Multilayer Networks Based on the Graph Comparison Method. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2020**, 67, 1740-1751 3.9 7

268 Event-Based Formation Control for Linear Multi-Agent Systems Under Switching Topology **2020**, 1

267 Fixed-Time Synchronization of Complex Dynamical Networks: A Novel and Economical Mechanism. *IEEE Transactions on Cybernetics*, **2020**, PP, 10.2 8

266 Toward to Better Structure and Constraint to Mine Negative Sequential Patterns. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, PP, 10.3 8

265 Recovering node parameters and topologies of uncertain non-linearly coupled complex networks. *IET Control Theory and Applications*, **2020**, 14, 105-115 2.5 5

264 Coordination and Control of Complex Network Systems With Switching Topologies: A Survey. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-16 7.3 23

263 Distributed fixed-time consensus for nonlinear heterogeneous multi-agent systems. *Automatica*, **2020**, 113, 108797 5.7 54

262 An overview on GNSS carrier-phase time transfer research. *Science China Technological Sciences*, **2020**, 63, 589-596 3.5 2

261 An Extended Stability Analysis Method for Paralleled DC-DC Converters System With Considering the Periodic Disturbance Based on Floquet Theory. *IEEE Access*, **2020**, 8, 9023-9036 3.5 9

260 Adaptive PI Control for Synchronization of Complex Networks With Stochastic Coupling and Nonlinear Dynamics. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2020**, 67, 5268-5280 3.9 7

259 Leader-Following Pinning Synchronization of Multiagent Systems With Impulsive Interlayer Coupling. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2020**, 67, 5162-5174 3.9 14

258 Leader-following consensus of multi-agent systems under antagonistic networks. *Neurocomputing*, **2020**, 413, 339-347 5.4 4

257 Intralayer Synchronization of Multiplex Dynamical Networks via Pinning Impulsive Control. *IEEE Transactions on Cybernetics*, **2020**, PP, 10.2 5

256	Crowd Counting for Static Images: A Survey of Methodology 2020 ,		2
255	Fixed-Time Synchronization in the pth Moment for Time-Varying Delay Stochastic Multilayer Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-10	7.3	16
254	Topology Identification in Two-Layer Complex Dynamical Networks. <i>IEEE Transactions on Network Science and Engineering</i> , 2020 , 7, 538-548	4.9	12
253	Synchronization of the Networked System With Continuous and Impulsive Hybrid Communications. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 960-971	10.3	18
252	Recovering Network Structures With Time-Varying Nodal Parameters. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 2588-2598	7.3	10
251	Stochastic Consensus Control Integrated With Performance Improvement: A Consensus Region-Based Approach. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 3000-3012	8.9	16
250	Improving the initialization speed for long-range NRTK in network solution mode. <i>Science China Technological Sciences</i> , 2020 , 63, 866-873	3.5	1
249	Random asynchronous iterations in distributed coordination algorithms. <i>Automatica</i> , 2019 , 109, 108505	5.7	3
248	Hopf bifurcation analysis of a predator-prey model with Holling-II type functional response and a prey refuge. <i>Nonlinear Dynamics</i> , 2019 , 97, 1439-1450	5	13
247	Coreness and Φ -Index for Weighted Networks. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2019 , 66, 3113-3122	3.9	23
246	On PID control for synchronization of complex dynamical network with delayed nodes. <i>Science China Technological Sciences</i> , 2019 , 62, 1412-1422	3.5	10
245	Breaking an Image Encryption Algorithm Based on DNA Encoding and Spatiotemporal Chaos. <i>Entropy</i> , 2019 , 21,	2.8	26
244	Identifying topologies and system parameters of uncertain time-varying delayed complex networks. <i>Science China Technological Sciences</i> , 2019 , 62, 94-105	3.5	10
243	Spectral Learning Algorithm Reveals Propagation Capability of Complex Networks. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 4253-4261	10.2	21
242	An Overall Distribution Particle Swarm Optimization MPPT Algorithm for Photovoltaic System Under Partial Shading. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 265-275	8.9	185
241	. <i>IEEE Circuits and Systems Magazine</i> , 2019 , 19, 6-22	3.2	9
240	Global synchronization under PI/PD controllers in general complex networks with time-delay. <i>Neurocomputing</i> , 2019 , 366, 12-22	5.4	8
239	Finite-time adaptive stability of gene regulatory networks. <i>Neurocomputing</i> , 2019 , 338, 222-232	5.4	14

238	Multilayered Self-triggered Control for Thermostatically Controlled Loads 2019 ,		1
237	Fixed-Time Synchronization Control for a Class of Master/Slave Systems Based on Homogeneous Method. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 1547-1551	3.5	30
236	Mining Top- k Useful Negative Sequential Patterns via Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 2764-2778	10.3	22
235	Master stability functions for complete, intralayer, and interlayer synchronization in multiplex networks of coupled Rössler oscillators. <i>Physical Review E</i> , 2019 , 99, 012304	2.4	49
234	Adaptive Diffusion Processes of Time-Varying Local Information on Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2019 , 66, 1592-1596	3.5	10
233	Distributed Formation Control of Multiple Quadrotor Aircraft Based on Nonsmooth Consensus Algorithms. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 342-353	10.2	125
232	Leader-Following Consensus of Multi-Agent Systems With Switching Networks and Event-Triggered Control. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018 , 65, 1696-1706	3.9	58
231	Discrete-Time Fast Terminal Sliding Mode Control for Permanent Magnet Linear Motor. <i>IEEE Transactions on Industrial Electronics</i> , 2018 , 65, 9916-9927	8.9	132
230	Robust Reconstruction of Continuously Time-Varying Topologies of Weighted Networks. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2018 , 65, 2970-2982	3.9	19
229	Design and FPGA-Based Realization of a Chaotic Secure Video Communication System. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2018 , 28, 2359-2371	6.4	55
228	Asynchronous Implementation of Distributed Coordination Algorithms: Conditions Using Partially Scrambling and Essentially Cyclic Matrices. <i>IEEE Transactions on Automatic Control</i> , 2018 , 63, 1745-1752	5.9	3
227	Economic power dispatch in smart grids: a framework for distributed optimization and consensus dynamics. <i>Science China Information Sciences</i> , 2018 , 61, 1	3.4	28
226	Security performance analysis of a chaotic stream cipher. <i>Nonlinear Dynamics</i> , 2018 , 94, 1003-1017	5	17
225	Substrate concentration effect on gene expression in genetic circuits with additional positive feedback. <i>Science China Technological Sciences</i> , 2018 , 61, 1175-1183	3.5	4
224	Coordinate-free formation control of multi-agent systems using rooted graphs. <i>Systems and Control Letters</i> , 2018 , 119, 8-15	2.4	3
223	Cryptanalysis of a Chaotic Stream Cipher and Its Improved Scheme. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2018 , 28, 1850086	2	15
222	Design of Distributed Observers in the Presence of Arbitrarily Large Communication Delays. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 4447-4461	10.3	14
221	Controllability Analysis of A Gene Network for Arabidopsis thaliana Reveals Characteristics of Functional Gene Families. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2018	3	17

220	Cooperative Output Regulation of LTI Plant via Distributed Observers With Local Measurement. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 2181-2191	10.2	14
219	Leader-Following Consensus of a Class of Multi-Agent Systems with Saturations 2018 ,		1
218	A threshold effect of coupling delays on intra-layer synchronization in duplex networks. <i>Science China Technological Sciences</i> , 2018 , 61, 1907-1914	3.5	8
217	Distributed PI Control for Synchronization in Directed Strongly Connected Complex Dynamical Networks 2018 ,		1
216	Design and SOPC-Based Realization of a Video Chaotic Secure Communication Scheme. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2018 , 28, 1850160	2	8
215	Cryptanalysis of a Chaotic Image Encryption Algorithm Based on Information Entropy. <i>IEEE Access</i> , 2018 , 6, 75834-75842	3.5	150
214	Cryptanalyzing an Image Encryption Algorithm Based on Autoblocking and Electrocardiography. <i>IEEE MultiMedia</i> , 2018 , 25, 46-56	2.1	157
213	Global Pinning Synchronization with PI Controller in General Complex Directed Networks 2018 ,		1
212	Synchronization regions of discrete-time dynamical networks with impulsive couplings. <i>Information Sciences</i> , 2018 , 459, 265-277	7.7	10
211	Iterative Neighbour-Information Gathering for Ranking Nodes in Complex Networks. <i>Scientific Reports</i> , 2017 , 7, 41321	4.9	14
210	Complex cyber-physical networks: From cybersecurity to security control. <i>Journal of Systems Science and Complexity</i> , 2017 , 30, 46-67	1	55
209	Design and FPGA Implementation of a Universal Chaotic Signal Generator Based on the Verilog HDL Fixed-Point Algorithm and State Machine Control. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017 , 27, 1750040	2	8
208	Design and ARM-embedded implementation of a chaotic map-based multicast scheme for multiuser speech wireless communication. <i>International Journal of Circuit Theory and Applications</i> , 2017 , 45, 1849-1872	2	15
207	Design and ARM-embedded implementation of a chaotic secure communication scheme based on H.264 selective encryption. <i>Nonlinear Dynamics</i> , 2017 , 89, 1949-1965	5	9
206	On the Network Analysis of the State Space of Discrete Dynamical Systems. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017 , 27, 1750062	2	2
205	Cooperative Stabilization of a Class of LTI Plants With Distributed Observers. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2017 , 64, 1891-1902	3.9	18
204	Synchronization of complex network with delayed nodes via proportional-derivative control 2017 ,		1
203	Distributed node-to-node state consensus of two-layer multi-agent systems 2017 ,		1

202	Constructing Higher-Dimensional Nondegenerate Hyperchaotic Systems with Multiple Controllers. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017 , 27, 1750146	2	3
201	Delay-induced discrete-time consensus. <i>Automatica</i> , 2017 , 85, 356-361	5.7	7
200	Cryptanalyzing an Image-Scrambling Encryption Algorithm of Pixel Bits. <i>IEEE MultiMedia</i> , 2017 , 24, 64-71.1		146
199	A Novel Approach for Constructing One-Way Hash Function Based on a Message Block Controlled 8D Hyperchaotic Map. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2017 , 27, 1750106	2	8
198	. <i>IEEE Transactions on Industrial Electronics</i> , 2017 , 64, 2044-2053	8.9	17
197	On Applicability of Auxiliary System Approach to Detect Generalized Synchronization in Complex Network. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 3468-3473	5.9	40
196	Hopf bifurcation control of the M Π neuron model with type I. <i>Nonlinear Dynamics</i> , 2017 , 87, 755-766	5	13
195	On the cryptanalysis of Fridrich's chaotic image encryption scheme. <i>Signal Processing</i> , 2017 , 132, 150-154.4	4.4	194
194	Three-point bidirectional perturbation MPPT method in PV system 2017 ,		1
193	Topology reconstruction of complex networks with time-varying parameters nodes 2017 ,		3
192	Convergence Rate for Discrete-Time Multiagent Systems With Time-Varying Delays and General Coupling Coefficients. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016 , 27, 178-89	10.3	21
191	. <i>IEEE Transactions on Control of Network Systems</i> , 2016 , 3, 379-389	4	43
190	Synchronizability of Duplex Networks. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2016 , 63, 206-210	3.5	103
189	. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2016 , 63, 2010-2021	3.9	52
188	ARM-embedded implementation of a video chaotic secure communication via WAN remote transmission with desirable security and frame rate. <i>Nonlinear Dynamics</i> , 2016 , 86, 725-740	5	21
187	An evolutionary game approach for determination of the structural conflicts in signed networks. <i>Scientific Reports</i> , 2016 , 6, 22022	4.9	9
186	Topology inference of uncertain complex dynamical networks and its applications in hidden nodes detection. <i>Science China Technological Sciences</i> , 2016 , 59, 1232-1243	3.5	10
185	. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2016 , 17, 3035-3044	6.1	26

184	Finite-time adaptive consensus of a class of multi-agent systems. <i>Science China Technological Sciences</i> , 2016 , 59, 22-32	3.5	56
183	Cooperation of Multiagent Systems With Mismatch Parameters: A Viewpoint of Power Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2016 , 63, 693-697	3.5	9
182	Robust Consensus of Nonlinear Multiagent Systems With Switching Topology and Bounded Noises. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 1276-85	10.2	26
181	Graphical Features of Functional Genes in Human Protein Interaction Network. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2016 , 10, 707-20	5.1	22
180	Strategy Selection in Networked Evolutionary Games: Structural Effect and the Evolution of Cooperation. <i>Understanding Complex Systems</i> , 2016 , 439-458	0.4	1
179	Some results on stochastic input-to-state stability of stochastic switched nonlinear systems 2016 ,		2
178	A novel large-signal stability analysis approach based on semi-tensor product of matrices with Lyapunov stability theorem for DC-DC converters 2016 ,		1
177	Emerging Behavioral Consensus of Evolutionary Dynamics on Complex Networks. <i>SIAM Journal on Control and Optimization</i> , 2016 , 54, 3258-3272	1.9	30
176	Velocity synchronization of multi-agent systems with mismatched parameters via sampled position data. <i>Chaos</i> , 2016 , 26, 023106	3.3	6
175	Analysis and Control of Networked Game Dynamics via A Microscopic Deterministic Approach. <i>IEEE Transactions on Automatic Control</i> , 2016 , 61, 4118-4124	5.9	17
174	Theoretical Design and FPGA-Based Implementation of Higher-Dimensional Digital Chaotic Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2016 , 63, 401-412	3.9	158
173	Design and Smartphone-Based Implementation of a Chaotic Video Communication Scheme via WAN Remote Transmission. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2016 , 26, 1650158	2	20
172	Common-Mode Electromagnetic Interference Calculation Method for a PV Inverter With Chaotic SPWM. <i>IEEE Transactions on Magnetics</i> , 2015 , 51, 1-4	2	10
171	Functional characteristics of additional positive feedback in genetic circuits. <i>Nonlinear Dynamics</i> , 2015 , 79, 397-408	5	6
170	Impact of magnetic field in three-dimensional flow of an Oldroyd-B nanofluid. <i>Journal of Molecular Liquids</i> , 2015 , 212, 272-282	6	50
169	Cooperative pinning synchronization of a class of undirected complex networks 2015 ,		3
168	Bridging the Gap Between Transmission Noise and Sampled Data for Robust Consensus of Multi-Agent Systems. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2015 , 62, 1836-1844	3.9	43
167	Constructing hyperchaotic systems at will. <i>International Journal of Circuit Theory and Applications</i> , 2015 , 43, 2039-2056	2	21

166	Colored Noise Induced Bistable Switch in the Genetic Toggle Switch Systems. <i>IEEE/ACM Transactions on Computational Biology and Bioinformatics</i> , 2015 , 12, 579-89	3	8
165	Distributed Adaptive Control for Synchronization in Directed Complex Networks. <i>SIAM Journal on Control and Optimization</i> , 2015 , 53, 2980-3005	1.9	35
164	Design and ARM-Embedded Implementation of a Chaotic Map-Based Real-Time Secure Video Communication System. <i>IEEE Transactions on Circuits and Systems for Video Technology</i> , 2015 , 25, 1203-1216	6.4	84
163	Synchronization of coupled harmonic oscillators with random noises. <i>Nonlinear Dynamics</i> , 2015 , 79, 473-484	3.4	15
162	Robust consensus of a class of linear multi-agent systems via sampled-data control 2015 ,		2
161	Driving-based generalized synchronization in two-layer networks via pinning control. <i>Chaos</i> , 2015 , 25, 113104	3.3	24
160	A novel stability analysis method based on Floquet theory for cascaded DC-DC converters system 2015 ,		8
159	Bifurcation behaviors of synchronized regions in logistic map networks with coupling delay. <i>Chaos</i> , 2015 , 25, 033101	3.3	7
158	Duplication and Divergence Effect on Network Motifs in Undirected Bio-Molecular Networks. <i>IEEE Transactions on Biomedical Circuits and Systems</i> , 2015 , 9, 312-20	5.1	20
157	Towards A Theoretical Framework for Analysis and Intervention of Random Drift on General Networks. <i>IEEE Transactions on Automatic Control</i> , 2015 , 60, 576-581	5.9	42
156	Design and ARM Platform-Based Realization of Digital Color Image Encryption and Decryption via Single State Variable Feedback Control. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2014 , 24, 1450049	2	7
155	A Systematic Methodology for Constructing Hyperchaotic Systems With Multiple Positive Lyapunov Exponents and Circuit Implementation. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2014 , 61, 854-864	3.9	75
154	Fuzzy Modelling and Consensus of Nonlinear Multiagent Systems With Variable Structure. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2014 , 61, 1183-1191	3.9	38
153	On the cooperative observability of a continuous-time linear system on an undirected network 2014 ,		12
152	Design and Circuit Implementation of Discrete-Time Chaotic Systems with Modulus of Triangular Wave Functions. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2014 , 24, 1450048	2	1
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