Chen Guanrong

List of Publications by Year in Descending Order

1,381 papers	66,827 citations	122 h-index	219 g-index
1,509 ext. papers	78,776 ext. citations	3.6 avg, IF	8.52 L-index

#	Paper	IF	Citations
1381	Performance Analysis and Resource Allocation for a Relaying LoRa System Considering Random Nodal Distances. *IEEE Transactions on Communications*, **2022**, 1-1	6.9	0
1380	Controllability Robustness of Henneberg-Growth Complex Networks. *IEEE Access*, **2022**, 10, 5103-5114	3.5	4
1379	A Self-Reproduction Hyperchaotic Map With Compound Lattice Dynamics. *IEEE Transactions on Industrial Electronics*, **2022**, 1-1	8.9	13
1378	Joint Code Rate Compatible Design of DP-LDPC Code Pairs for Joint Source Channel Coding over Implant-to-External Channel. *IEEE Transactions on Wireless Communications*, **2022**, 1-1	9.6	5
1377	A topological mechanism of superdiffusion on duplex networks. *IEEE Transactions on Control of Network Systems*, **2022**, 1-1	4	1
1376	Design and Analysis of Multiscroll Memristive Hopfield Neural Network With Adjustable Memductance and Application to Image Encryption.. *IEEE Transactions on Neural Networks and Learning Systems*, **2022**, PP,	10.3	10
1375	Rate-Constrained Trellis-Coded Quantization for Large-Scale Noisy Graph Signals. *IEEE Communications Letters*, **2022**, 1-1	3.8	1
1374	A unified control method for consensus with various quantizers. *Automatica*, **2022**, 136, 110090	5.7	0
1373	Controllability analysis for a class of piecewise nonlinear impulsive non-autonomous systems. *International Journal of Robust and Nonlinear Control*, **2022**, 32, 567	3.6	0
1372	Complex dynamics of a bi-directional N-type locally-active memristor. *Communications in Nonlinear Science and Numerical Simulation*, **2022**, 105, 106086	3.7	2
1371	Robust adaptive H∞control for networked uncertain semi-Markov jump nonlinear systems with input quantization. *Science China Information Sciences*, **2022**, 65, 1	3.4	11
1370	Target controllability of networked LTI systems. *IEEE Transactions on Network Science and Engineering*, **2022**, 1-1	4.9	
1369	Simplicial networks: a powerful tool for characterizing higher-order interactions.. *National Science Review*, **2022**, 9, nwac038	10.8	1
1368	Formation control for unmanned surface vessels: A game-theoretic approach. *Asian Journal of Control*, **2022**, 24, 498-509	1.7	1
1367	Searching for Best Network Topologies with Optimal Synchronizability: A Brief Review. *IEEE/CAA Journal of Automatica Sinica*, **2022**, 9, 573-577	7	2
1366	Predefined-Time Bounded Consensus of Multiagent Systems With Unknown Nonlinearity via Distributed Adaptive Fuzzy Control.. *IEEE Transactions on Cybernetics*, **2022**, PP,	10.2	2
1365	Solitary waves, periodic peakons and compactons on foliations in a Hertz chain model. *Discrete and Continuous Dynamical Systems - Series S*, **2022**,	2.8	

1364	Intermittent Cluster Consensus Control of Multiagent Systems From a Static/Dynamic Output Approach. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2022**, 1-10	7.3	
1363	A Novel Differential Chaos Shift Keying Scheme with Transmit Diversity. *IEEE Communications Letters*, **2022**, 1-1	3.8	2
1362	Simplified memristive Lorenz oscillator. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2022**, 1-1	3.5	0
1361	Distributed Nash Equilibrium Seeking for Aggregative Games With Directed Communication Graphs. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2022**, 1-14	3.9	
1360	A retrospective study of factors contributing to anchorage loss in upper premolar extraction cases.. *Nigerian Journal of Clinical Practice*, **2022**, 25, 664-669	1	
1359	Designing a Common DP-LDPC Code Pair for Variable On-body Channels. *IEEE Transactions on Wireless Communications*, **2022**, 1-1	9.6	5
1358	Performance and Capacity Analysis of MDCSK-BICM for Impulsive Noise of PLC. *IEEE Transactions on Power Delivery*, **2021**, 1-1	4.3	
1357	Boundedness of the complex Chen system. *Discrete and Continuous Dynamical Systems - Series B*, **2021**,	1.3	
1356	Irregular-Mapped Protograph LDPC-Coded Modulation: A Bandwidth-Efficient Solution for 6G-Enabled Mobile Networks. *IEEE Transactions on Intelligent Transportation Systems*, **2021**, 1-14	6.1	20
1355	A Bayesian graph embedding model for link-based classification problems. *IEEE Transactions on Network Science and Engineering*, **2021**, 1-1	4.9	
1354	Fractional-Order Chaotic Systems with Hidden Attractors. *Emergence, Complexity and Computation*, **2021**, 199-238	0.1	
1353	Simplification of chaotic circuits with quadratic nonlinearity. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 1-1	3.5	4
1352	Computing cliques and cavities in networks. *Communications Physics*, **2021**, 4,	5.4	4
1351	A New Chaotic System with Equilibria Located on a Line and Its Circuit Implementation. *Emergence, Complexity and Computation*, **2021**, 565-572	0.1	
1350	Chaotic Systems with Any Number and Various Types of Equilibria. *Emergence, Complexity and Computation*, **2021**, 125-146	0.1	
1349	Distributed State Estimation for Uncertain Linear Systems with a Recursive Architecture. *IEEE Transactions on Network Science and Engineering*, **2021**, 1-1	4.9	
1348	Chaotic Systems with Stable Equilibria. *Emergence, Complexity and Computation*, **2021**, 29-53	0.1	
1347	Design of Joint Position and Constellation Mapping Assisted DCSK Scheme Subject to Laplacian Impulsive Noise. *IEEE Communications Letters*, **2021**, 1-1	3.8	1

1346	From Chaos to Pseudorandomness: A Case Study on the 2-D Coupled Map Lattice. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	2
1345	Average Controllability of Complex Networks With Laplacian Dynamics. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2021**, 1-11	3.9	0
1344	Chaotic Systems Without Equilibria. *Emergence, Complexity and Computation*, **2021**, 55-75	0.1	
1343	Chaotic Jerk Systems with Hidden Attractors. *Emergence, Complexity and Computation*, **2021**, 273-308	0.1	
1342	Generating Any Number of Diversified Hidden Attractors via Memristor Coupling. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2021**, 1-12	3.9	8
1341	Studying multi-frequency multilayer brain network via deep learning for EEG-based epilepsy detection. *IEEE Sensors Journal*, **2021**, 1-1	4	2
1340	Formation of multi-agent systems with desired orientation: a distance-based control approach. *Nonlinear Dynamics*, **2021**, 106, 3351	5	1
1339	Consensus Control of Second-Order Time-Delayed Multiagent Systems in Noisy Environments Using Absolute Velocity and Relative Position Measurements. *IEEE Transactions on Cybernetics*, **2021**, 51, 5364-5374	10.2	1
1338	Rare Energy-Conservative Attractors on Global Invariant Hypersurfaces and Their Multistability. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2021**, 31, 2130007	2	4
1337	Generalized Lorenz Canonical Form Revisited. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2021**, 31, 2150079	2	1
1336	Corrections to M-Evolve: Structural-Mapping-Based Data Augmentation for Graph Classification *IEEE Transactions on Network Science and Engineering*, **2021**, 8, 1974-1974	4.9	
1335	Linear quadratic optimal consensus of discrete-time multi-agent systems with optimal steady state: A distributed model predictive control approach. *Automatica*, **2021**, 127, 109505	5.7	8
1334	GENERALIZED SYNCHRONIZATION AND PARAMETERS IDENTIFICATION OF DIFFERENT-DIMENSIONAL CHAOTIC SYSTEMS IN THE COMPLEX FIELD. *Fractals*, **2021**, 29, 2150081	3.2	11
1333	Cooperative neural-adaptive fault-tolerant output regulation for heterogeneous nonlinear uncertain multiagent systems with disturbance. *Science China Information Sciences*, **2021**, 64, 1	3.4	18
1332	Pseudo-Peakon, Periodic Peakons and Compactons on a Shallow Water Model with Coriolis Effect. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2021**, 31, 2150144	2	
1331	Multivaluedness in Networks: Exemplars. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 68, 2182-2186	3.5	
1330	Differential Permutation Index DCSK Modulation for Chaotic Communication System. *IEEE Communications Letters*, **2021**, 25, 2029-2033	3.8	8
1329	A Distributed Algorithm for Tracking General Functions of Multiple Signals Not-Necessarily Having Steady States. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 68, 2107-2111	3.5	2

1328	On fuzzifications of non-autonomous dynamical systems. *Topology and Its Applications*, **2021**, 297, 107704	0.4	0
1327	Searching Better Rewiring Strategies and Objective Functions for Stronger Controllability Robustness. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 68, 2112-2116	3.5	2
1326	A stochastic SEIHR model for COVID-19 data fluctuations. *Nonlinear Dynamics*, **2021**, 106, 1-13	5	3
1325	A Framework of Hierarchical Attacks to Network Controllability. *Communications in Nonlinear Science and Numerical Simulation*, **2021**, 98, 105780	3.7	5
1324	Multitask-Based Temporal-Channelwise CNN for Parameter Prediction of Two-Phase Flows. *IEEE Transactions on Industrial Informatics*, **2021**, 17, 6329-6336	11.9	2
1323	Epidemic Propagation With Positive and Negative Preventive Information in Multiplex Networks. *IEEE Transactions on Cybernetics*, **2021**, 51, 1454-1462	10.2	47
1322	Hybrid Neural Adaptive Control for Practical Tracking of Markovian Switching Networks. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, 32, 2157-2168	10.3	0
1321	Optimizing Pinning Control of Complex Dynamical Networks Based on Spectral Properties of Grounded Laplacian Matrices. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 786-796	7.3	16
1320	A New Method for Topology Identification of Complex Dynamical Networks. *IEEE Transactions on Cybernetics*, **2021**, 51, 2224-2231	10.2	15
1319	The Role of Reverse Edges on Consensus Performance of Chain Networks. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 1757-1765	7.3	3
1318	Synchronization of Networked Harmonic Oscillators via Quantized Sampled Velocity Feedback. *IEEE Transactions on Automatic Control*, **2021**, 66, 3267-3273	5.9	3
1317	Some stronger forms of topological transitivity and sensitivity for a sequence of uniformly convergent continuous maps. *Journal of Mathematical Analysis and Applications*, **2021**, 494, 124443	1.1	4
1316	Distributed Nash Equilibrium Seeking in an Aggregative Game on a Directed Graph. *IEEE Transactions on Automatic Control*, **2021**, 66, 2746-2753	5.9	13
1315	Distributed Model Predictive Control for Linear-Quadratic Performance and Consensus State Optimization of Multiagent Systems. *IEEE Transactions on Cybernetics*, **2021**, 51, 2905-2915	10.2	11
1314	Dynamic transport: From bifurcation to multistability. *Communications in Nonlinear Science and Numerical Simulation*, **2021**, 95, 105600	3.7	12
1313	Scalable consensus filtering for uncertain systems over sensor networks with Round-Robin protocol. *International Journal of Robust and Nonlinear Control*, **2021**, 31, 1051-1066	3.6	6
1312	M-Evolve: Structural-Mapping-Based Data Augmentation for Graph Classification. *IEEE Transactions on Network Science and Engineering*, **2021**, 8, 190-200	4.9	7
1311	Design of an MISO-SWIPT-Aided Code-Index Modulated Multi-Carrier M-DCSK System for e-Health IoT. *IEEE Journal on Selected Areas in Communications*, **2021**, 39, 311-324	14.2	34

1310	Distributed Finite-Horizon Extended Kalman Filtering for Uncertain Nonlinear Systems. *IEEE Transactions on Cybernetics*, **2021**, 51, 512-520	10.2	22
1309	Subgraph Networks With Application to Structural Feature Space Expansion. *IEEE Transactions on Knowledge and Data Engineering*, **2021**, 33, 2776-2789	4.2	20
1308	Breaking of integrability and conservation leading to Hamiltonian chaotic system and its energy-based coexistence analysis. *Chaos*, **2021**, 31, 013101	3.3	3
1307	Bifurcations and Exact Traveling Wave Solutions of Two Shallow Water Two-Component Systems. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2021**, 31, 2150001	2	2
1306	Distributed Surrounding Control of Multiple Unmanned Surface Vessels With Varying Interconnection Topologies. *IEEE Transactions on Control Systems Technology*, **2021**, 1-8	4.8	6
1305	Delay and Packet-Drop Tolerant Multistage Distributed Average Tracking in Mean Square. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	2
1304	. *IEEE Transactions on Network Science and Engineering*, **2021**, 1-1	4.9	5
1303	Interval Observer Design and Consensus of MultiAgent Systems with Time-Varying Interval Uncertainties. *SIAM Journal on Control and Optimization*, **2021**, 59, 3392-3417	1.9	4
1302	Design of Code Pair for Protograph-LDPC Codes-Based JSCC System with Joint Shuffled Scheduling Decoding Algorithm. *IEEE Communications Letters*, **2021**, 1-1	3.8	2
1301	An Accelerated Algorithm for Linear Quadratic Optimal Consensus of Heterogeneous Multi-Agent Systems. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	4
1300	Moving Target Surrounding Control of Linear Multiagent Systems With Input Saturation. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-11	7.3	3
1299	A Distributed Optimization Scheme for State Estimation of Nonlinear Networks with Norm-bounded Uncertainties. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	2
1298	Subgraph Augmentation with Application to Graph Mining. *Big Data Management*, **2021**, 73-91	0	
1297	Knowledge-Based Prediction of Network Controllability Robustness. *IEEE Transactions on Neural Networks and Learning Systems*, **2021**, PP,	10.3	5
1296	Extended Dissipative Sliding-Mode Control for Discrete-Time Piecewise Nonhomogeneous Markov Jump Nonlinear Systems. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	5
1295	Resilient Consensus of Higher-order Multi-agent Networks: An Attack-isolation-based Approach. *IEEE Transactions on Automatic Control*, **2021**, 1-1	5.9	3
1294	Protograph LDPC-Coded BICM-ID with Irregular CSK Mapping in Visible Light Communication Systems. *IEEE Transactions on Vehicular Technology*, **2021**, 1-1	6.8	26
1293	Sampling Subgraph Network with Application to Graph Classification. *IEEE Transactions on Network Science and Engineering*, **2021**, 1-1	4.9	2

1292	Generalized Joint Shuffled Scheduling Decoding Algorithm for the JSCC System Based on Protograph-LDPC Codes. *IEEE Access*, **2021**, 9, 128372-128380	3.5	1
1291	Neuroscience and Network Dynamics Toward Brain-Inspired Intelligence. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	2
1290	Towards High-Data-Rate Noncoherent Chaotic Communication: A Multiple-Mode Differential Chaos Shift Keying System. *IEEE Transactions on Wireless Communications*, **2021**, 20, 4888-4901	9.6	8
1289	Attention-Based Parallel Multiscale Convolutional Neural Network for Visual Evoked Potentials EEG Classification. *IEEE Journal of Biomedical and Health Informatics*, **2021**, 25, 2887-2894	7.2	7
1288	Joint Coding/Decoding Optimization for DC-BICM System: Collaborative Design. *IEEE Communications Letters*, **2021**, 25, 2487-2491	3.8	2
1287	Bifurcation analysis of a class of generalized H□on maps with hidden dynamics. *IEEJ Transactions on Electrical and Electronic Engineering*, **2021**, 16, 1456	1	
1286	Design and Performance Analysis of a New STBC-MIMO LoRa System. *IEEE Transactions on Communications*, **2021**, 69, 5744-5757	6.9	8
1285	Protograph LDPC-Coded BICM-ID With Irregular Mapping: An Emerging Transmission Technique for Massive Internet of Things. *IEEE Transactions on Green Communications and Networking*, **2021**, 5, 1051-1065	4	3
1284	Finite-size scaling of geometric renormalization flows in complex networks. *Physical Review E*, **2021**, 104, 034304	2.4	2
1283	Coupled Discrete Fractional-Order Logistic Maps. *Mathematics*, **2021**, 9, 2204	2.3	2
1282	Cooperative Adaptive H□Output Regulation of Continuous-Time Heterogeneous Multi-Agent Markov Jump Systems. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 68, 3261-3265	3.5	8
1281	Multivaluedness in Networks: Shannon□ Noisy-Channel Coding Theorem. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2021**, 68, 3234-3235	3.5	1
1280	Broad Learning Based on Subgraph Networks for Graph Classification. *Big Data Management*, **2021**, 49-71		
1279	Optimal Design of Joint Protomatrix for DP-LDPC Codes-Based JSCC System Over on-Body Channel. *IEEE Access*, **2021**, 9, 33091-33101	3.5	4
1278	Terminal-Time Synchronization of Multivehicle Systems Under Sampled-Data Communications. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-12	7.3	4
1277	Dynamics of Induced Maps on the Space of Probability Measures. *Journal of Dynamics and Differential Equations*, **2020**, 1	1.3	1
1276	Artificial Intelligence in Education: A Review. *IEEE Access*, **2020**, 8, 75264-75278	3.5	98
1275	Stochastic Resonance Based Visual Perception Using Spiking Neural Networks. *Frontiers in Computational Neuroscience*, **2020**, 14, 24	3.5	15

1274	Hidden attractors, singularly degenerate heteroclinic orbits, multistability and physical realization of a new 6D hyperchaotic system. *Communications in Nonlinear Science and Numerical Simulation*, **2020**, 90, 105362	3.7	15
1273	Hidden and transient chaotic attractors in the attitude system of quadrotor unmanned aerial vehicle. *Chaos, Solitons and Fractals*, **2020**, 138, 109815	9.3	9
1272	Dynamics editing based on offset boosting. *Chaos*, **2020**, 30, 063124	3.3	24
1271	Topological chain and shadowing properties of dynamical systems on uniform spaces. *Topology and Its Applications*, **2020**, 275, 107153	0.4	4
1270	Towards Optimal Robustness of Network Controllability: An Empirical Necessary Condition. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2020**, 67, 3163-3174	3.9	10
1269	Link Weight Prediction Using Weight Perturbation and Latent Factor. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	3
1268	Precursor criteria for noise-induced critical transitions in multi-stable systems. *Nonlinear Dynamics*, **2020**, 101, 21-35	5	10
1267	Answering an open problem on t-norms for type-2 fuzzy sets. *Information Sciences*, **2020**, 522, 124-133	7.7	5
1266	Aperiodic Sampled-Data Control for Exponential Stabilization of Delayed Neural Networks: A Refined Two-Sided Looped-Functional Approach. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2020**, 67, 3217-3221	3.5	17
1265	Completing the Study of Traveling Wave Solutions for Three Two-Component Shallow Water Wave Models. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2020**, 30, 2050036	2	2
1264	Bifurcations and Dynamics of Traveling Wave Solutions for the Regularized Saint-Venant Equation. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2020**, 30, 2050109	2	2
1263	Controllability of Deep-Coupling Dynamical Networks. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2020**, 67, 5211-5222	3.9	2
1262	Topological Conjugacy Between Induced Non-autonomous Set-Valued Systems and Subshifts of Finite Type. *Qualitative Theory of Dynamical Systems*, **2020**, 19, 1	0.8	3
1261	Almost Sure Stability of Nonlinear Systems Under Random and Impulsive Sequential Attacks. *IEEE Transactions on Automatic Control*, **2020**, 65, 3879-3886	5.9	43
1260	A Channel-fused Dense Convolutional Network for EEG-based Emotion Recognition. *IEEE Transactions on Cognitive and Developmental Systems*, **2020**, 1-1	3	27
1259	Formation Control of Nonholonomic Mobile Robots Using Distributed Estimators. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2020**, 67, 3162-3166	3.5	10
1258	Bifurcations of Traveling Wave Solutions for Fully Nonlinear Water Waves with Surface Tension in the Generalized Serre–Green–Naghdi Equations. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2020**, 30, 2050019	2	1
1257	Classification of EEG Signals on VEP-Based BCI Systems With Broad Learning. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-9	7.3	15

1256	Some criteria of chaos in non-autonomous discrete dynamical systems. *Journal of Difference Equations and Applications*, **2020**, 26, 295-308	1	3
1255	A bistable nonvolatile locally-active memristor and its complex dynamics. *Communications in Nonlinear Science and Numerical Simulation*, **2020**, 84, 105203	3.7	28
1254	Neuro-Adaptive Cooperative Tracking Rendezvous of Nonholonomic Mobile Robots. *IEEE Transactions on Circuits and Systems II: Express Briefs*, **2020**, 67, 3167-3171	3.5	5
1253	Design of a Superposition Coding PPM-DCSK System for Downlink Multi-User Transmission. *IEEE Transactions on Vehicular Technology*, **2020**, 69, 1666-1678	6.8	15
1252	Distributed Rigidity Recovery in Distance-Based Formations Using Configuration Lattice. *IEEE Transactions on Control of Network Systems*, **2020**, 7, 1547-1558	4	1
1251	Distributed state estimation for uncertain linear systems: A regularized least-squares approach. *Automatica*, **2020**, 117, 109007	5.7	12
1250	A novel memristor-based dynamical system with multi-wing attractors and symmetric periodic bursting. *Chaos*, **2020**, 30, 043110	3.3	11
1249	Stochastic sensitivity synthesis in nonlinear systems with incomplete information. *Journal of the Franklin Institute*, **2020**, 357, 5187-5198	4	2
1248	Opinion Dynamics Incorporating Higher-Order Interactions **2020**,		1
1247	Discrete-Time Algorithms for Distributed Constrained Convex Optimization With Linear Convergence Rates. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	5
1246	FURTHER DISCUSSION ON KATO'S CHAOS IN SET-VALUED DISCRETE SYSTEMS. *Journal of Applied Analysis and Computation*, **2020**, 10, 2491-2505	0.4	1
1245	Geometrical Model of Spiking and Bursting Neuron on a Mug-Shaped Branched Manifold. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2020**, 30, 2030044	2	
1244	On Distributed Implementation of Switch-Based Adaptive Dynamic Programming. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	2
1243	Lp-Stability of a Class of Volterra Systems. *IEEE Transactions on Circuits and Systems II: Express Briefs* , **2020**, 67, 1469-1471	3.5	1
1242	Modeling and Experimental Validation of the Chaotic Behavior of a Robot Whip. *Journal of Mechanics*, **2020**, 36, 373-394	1	2
1241	Leaderless Consensus of Ring-Networked Mobile Robots via Distributed Saturated Control. *IEEE Transactions on Industrial Electronics*, **2020**, 67, 10723-10731	8.9	4
1240	A note on the sensitivity of semiflows. *Topology and Its Applications*, **2020**, 271, 107046	0.4	9
1239	Formation of spiral wave in Hodgkin-Huxley neuron networks with Gamma-distributed synaptic input. *Communications in Nonlinear Science and Numerical Simulation*, **2020**, 83, 105112	3.7	8

1238	Answering an open question in fuzzy metric spaces. *Fuzzy Sets and Systems*, **2020**, 390, 188-191	3.7	4
1237	Physical-Layer Network Coding: An Efficient Technique for Wireless Communications. *IEEE Network*, **2020**, 34, 270-276	11.4	59
1236	Neural sliding-mode pinning control for output synchronization for uncertain general complex networks. *Automatica*, **2020**, 112, 108694	5.7	14
1235	Controllability of Directed Networked MIMO Systems With Heterogeneous Dynamics. *IEEE Transactions on Control of Network Systems*, **2020**, 7, 807-817	4	11
1234	Coexisting hidden and self-excited attractors in a locally active memristor-based circuit. *Chaos*, **2020**, 30, 103123	3.3	10
1233	Extreme Multistability and Complex Dynamics of a Memristor-Based Chaotic System. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2020**, 30, 2030019	2	20
1232	Stability of TCP/AQM Networks Under DDoS Attacks With Design. *IEEE Transactions on Network Science and Engineering*, **2020**, 7, 3042-3056	4.9	6
1231	Data-Driven Discovery of Block-Oriented Nonlinear Models Using Sparse Null-Subspace Methods. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	2
1230	Design and Analysis of Replica Piecewise M-Ary DCSK Scheme for Power Line Communications With Asynchronous Impulsive Noise. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2020**, 67, 5443-5453	3.9	10
1229	Modeling the COVID-19 Pandemic Using an SEIHR Model With Human Migration.. *IEEE Access*, **2020**, 8, 195503-195514	3.5	6
1228	S-Type Locally Active Memristor-Based Periodic and Chaotic Oscillators. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2020**, 67, 5139-5152	3.9	19
1227	Pinning Control for the p53-Mdm2 Network Dynamics Regulated by p14ARF. *Frontiers in Physiology*, **2020**, 11, 976	4.6	3
1226	Adversarial attack on BC classification for scale-free networks. *Chaos*, **2020**, 30, 083102	3.3	1
1225	Predicting Network Controllability Robustness: A Convolutional Neural Network Approach. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	8
1224	Exact Peakon, Periodic Peakon and Pseudo-Peakon Solutions of the Rotation-Two-Component Camassa–Holm System. *International Journal of Bifurcation and Chaos in Applied Sciences and Engineering*, **2020**, 30, 2050139	2	4
1223	Distributed Fixed-Time Coordination Control for Networked Multiple Euler-Lagrange Systems. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	9
1222	Cluster Lag Consensus for Second-Order Multiagent Systems with Nonlinear Dynamics and Switching Topologies. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 2093-2100	7.3	8
1221	Pinning a Complex Network to Follow a Target System With Predesigned Control Inputs. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 2293-2304	7.3	20

1220	Projected Primal-Dual Dynamics for Distributed Constrained Nonsmooth Convex Optimization. *IEEE Transactions on Cybernetics*, **2020**, 50, 1776-1782	10.2	16
1219	Scalable Spectral Clustering for Overlapping Community Detection in Large-Scale Networks. *IEEE Transactions on Knowledge and Data Engineering*, **2020**, 32, 754-767	4.2	26
1218	Edge-Based Finite-Time Protocol Analysis With Final Consensus Value and Settling Time Estimations. *IEEE Transactions on Cybernetics*, **2020**, 50, 1450-1459	10.2	33
1217	Necessary and sufficient condition for non-concave network utility maximisation. *International Journal of Control*, **2020**, 93, 319-327	1.5	1
1216	Trajectory Tracking on Uncertain Complex Networks via NN-Based Inverse Optimal Pinning Control. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 854-864	10.3	5
1215	Answers to some questions about Zadeh's extension principle on metric spaces. *Fuzzy Sets and Systems*, **2020**, 387, 174-180	3.7	4
1214	Henneberg Growth of Social Networks: Modeling the Facebook. *IEEE Transactions on Network Science and Engineering*, **2020**, 7, 701-712	4.9	2
1213	NES-TL: Network Embedding Similarity-Based Transfer Learning. *IEEE Transactions on Network Science and Engineering*, **2020**, 7, 1607-1618	4.9	7
1212	A Cooperative Distributed Model Predictive Control Approach to Supply Chain Management. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 50, 4894-4904	7.3	5
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