

# Yuliang Cai

## List of Publications by Year in Descending Order

**Source:** <https://exaly.com/author-pdf/336118/yuliang-cai-publications-by-year.pdf>

**Version:** 2024-04-25

This document has been generated based on the publications and citations recorded by exaly.com. For the latest version of this publication list, visit the link given above.

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

351  
papers

10,332  
citations

49  
h-index

93  
g-index

446  
ext. papers

13,151  
ext. citations

5.1  
avg. IF

7.25  
L-index

#	Paper	IF	Citations
351	Time-varying formation control with general linear multi-agent systems by distributed event-triggered mechanisms under fixed and switching topologies. <i>Neural Computing and Applications</i> , <b>2022</b> , 34, 4277	4.8	
350	Reinforcement Learning based Dynamic Opinion Maximization Framework in Signed Social Networks. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , <b>2022</b> , 1-1	3	1
349	Accurate Identification for 3-D Position of Hybrid Defects in Ferromagnetic Pipe Using External Remote Field Eddy Current Testing. <i>IEEE Transactions on Magnetics</i> , <b>2022</b> , 1-1	2	1
348	Cooperative Output Regulation Problem for Multiagent System Under Directed Topology Using Dynamic Triggering Strategy. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2022</b> , 1-1	3.5	1
347	Bipartite Formation Tracking for Multi-Agent Systems using Fully Distributed Dynamic Edge-Event-Triggered Protocol. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2022</b> , 1-7	7	2
346	TBDA-Net: A Task-based Bias Domain Adaptation Network under Industrial Small Samples. <i>IEEE Transactions on Industrial Informatics</i> , <b>2022</b> , 1-1	11.9	5
345	A Multi-Sensor Cycle-Supervised Convolutional Neural Networks for Anomaly Detection on Magnetic Flux Leakage Signals. <i>IEEE Transactions on Industrial Informatics</i> , <b>2022</b> , 1-1	11.9	5
344	Observer-based adaptive control and faults estimation for T-S fuzzy singular fractional order systems. <i>Neural Computing and Applications</i> , <b>2022</b> , 34, 4265	4.8	0
343	Neurodynamic Programming and Tracking Control for Nonlinear Stochastic Systems by PI Algorithm. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2022</b> , 1-1	3.5	3
342	Negative Pressure Wave Based Method for Abnormal Signal Location in Energy Transportation System. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2022</b> , 1-1	5.2	2
341	Multi-Channel Spatio-Temporal Feature Fusion Method for NILM. <i>IEEE Transactions on Industrial Informatics</i> , <b>2022</b> , 1-1	11.9	2
340	Integration of Three-Phase LLC Resonant Converter and Full Bridge Converter for Hybrid Modulated Multi-Outputs Topology. <i>IEEE Journal of Emerging and Selected Topics in Power Electronics</i> , <b>2022</b> , 1-1	5.6	2
339	Privacy-Preserving Sliding Mode Control for Voltage Restoration of AC Microgrids Based on Output Mask Approach. <i>IEEE Transactions on Industrial Informatics</i> , <b>2022</b> , 1-1	11.9	2
338	Reinforcement Learning-Based Rumor Blocking Approach in Directed Social Networks. <i>IEEE Systems Journal</i> , <b>2022</b> , 1-11	4.3	2
337	Distributed Resilient Double-Gradient-Descent Based Energy Management Strategy for Multi-Energy System under DoS Attacks. <i>IEEE Transactions on Network Science and Engineering</i> , <b>2022</b> , 1-1	4.9	2
336	Reduced-Order High-Gain Observer (ROHGO)-Based Neural Tracking Control for Random Nonlinear Systems With Output Delay. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2022</b> , 1-9	7.3	3
335	Event-Based Fuzzy Adaptive Consensus FTC for Microgrids With Nonlinear Item via Prescribed Fixed-Time Performance. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2022</b> , 1-12	3.9	

334	Dissipativity-Based Intermittent Fault Detection and Fault-Tolerant Control for Uncertain Switched Random Nonlinear Systems With Multiple Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2022</b> , 1-12	7.3	3
333	Adaptive Event-Triggered Consensus of Linear Multiagent Systems With Resilience to Communication Link Faults for Digraphs. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2022</b> , 1-1	3.5	0
332	Tracking Control of Discrete-Time System With Dynamic Event-Based Adaptive Dynamic Programming. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2022</b> , 1-1	3.5	
331	A Design Framework of Nonlinear H <sub>∞</sub> Observer for One-Sided Lipschitz Singular Systems With Disturbances. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2022</b> , 1-1	3.5	0
330	A Defect Recognition Method for Low-quality Weld Image Based on Consistent Multi-scale Feature Mapping. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2022</b> , 1-1	5.2	
329	Adaptive containment control for fractional-order nonlinear multi-agent systems with time-varying parameters. <i>IEEE/CAA Journal of Automatica Sinica</i> , <b>2022</b> , 1-12	7	
328	A Topology-Reconfigurable LLC Resonant Converter for Wide Output Range Applications. <i>IEEE Transactions on Vehicular Technology</i> , <b>2022</b> , 1-1	6.8	0
327	Energy-Management Strategy of Battery Energy Storage Systems in DC Microgrids: A Distributed Dynamic Event-Triggered $H_{\infty}$ Consensus Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-10	7.3	1
326	Topology Prediction and Structural Controllability Analysis of Complex Networks Without Connection Information. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-13	7.3	4
325	Fully Distributed Formation Control of General Linear Multiagent Systems Using a Novel Mixed Self- and Event-Triggered Strategy. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-10	7.3	2
324	Distributed Cooperative Output Regulation of Linear Heterogeneous Multi-Agent Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	
323	Fault-Tolerant Control of Nonlinear Systems With Actuator and Sensor Faults Based on T-S Fuzzy Model and Fuzzy Observer. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-10	7.3	2
322	Event-driven adaptive distributed consensus for fuzzy fractional order multi-agent systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	
321	Fully Distributed Event-Triggered Bipartite Formation Tracking Control for Heterogeneous Multi-Agent Systems on Signed Digraph. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	1
320	Stability-Oriented Minimum Switching/Sampling Frequency for Cyber-Physical Systems: Grid-Connected Inverters Under Weak Grid. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , <b>2021</b> , 1-10	3.9	1
319	Robust reliable H <sub>∞</sub> optimization control for uncertain discrete-time Takagi-Sugeno fuzzy systems with time-varying delay. <i>Optimal Control Applications and Methods</i> , <b>2021</b> , 42, 848-876	1.7	0
318	Fully distributed bipartite time-varying formation control for uncertain linear multi-agent systems under event-triggered mechanism. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 5165-5187	3.6	2
317	Fixed-time leader-following/containment consensus for a class of nonlinear multi-agent systems. <i>Information Sciences</i> , <b>2021</b> , 555, 58-84	7.7	8

316	Distributed fault-tolerant output regulation for heterogeneous linear multi-agent systems under actuator faults. <i>Journal of the Franklin Institute</i> , <b>2021</b> , 358, 3303-3331	4	1
315	Fixed-time leader-following/containment consensus of nonlinear multi-agent systems based on event-triggered mechanism. <i>Applied Mathematics and Computation</i> , <b>2021</b> , 396, 125881	2.7	7
314	Distributed edge-event triggered consensus control for multi-agent systems by edge-based asynchronous communications. <i>Applied Mathematics and Computation</i> , <b>2021</b> , 397, 125920	2.7	3
313	Fixed-time cooperative control for robotic manipulators with motion constraints using unified transformation function. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 6826-6844	3.6	2
312	Fixed-time time-varying formation tracking for nonlinear multi-agent systems under event-triggered mechanism. <i>Information Sciences</i> , <b>2021</b> , 564, 45-70	7.7	9
311	Observer-Based Finite-Time Adaptive Fuzzy Control for Nontriangular Nonlinear Systems With Full-State Constraints. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 1110-1120	10.2	61
310	Reliable $H_{\infty}$ guaranteed cost control for uncertain switched fuzzy stochastic systems with multiple time-varying delays and intermittent actuator and sensor faults. <i>Neural Computing and Applications</i> , <b>2021</b> , 33, 1343-1365	4.8	1
309	Multiple delay-dependent noise-to-state stability for a class of uncertain switched random nonlinear systems with intermittent sensor and actuator faults. <i>Applied Intelligence</i> , <b>2021</b> , 51, 265-282	4.9	2
308	Global synchronization of memristive hybrid neural networks via nonlinear coupling. <i>Neural Computing and Applications</i> , <b>2021</b> , 33, 2873-2887	4.8	
307	Neural-Network-Based Event-Triggered Adaptive Control of Nonaffine Nonlinear Multiagent Systems With Dynamic Uncertainties. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , 32, 2239-2250	10.3	154
306	Leader-follower consensus control for linear multi-agent systems by fully distributed edge-event-triggered adaptive strategies. <i>Information Sciences</i> , <b>2021</b> , 555, 314-338	7.7	19
305	Multiple Delay-Dependent Robust $H_{\infty}$ Finite-Time Filtering for Uncertain Ito Stochastic Takagi-Sugeno Fuzzy Semi-Markovian Jump Systems with State Constraints. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	4
304	Multiple delay-dependent $H_{\infty}$ guaranteed cost control for uncertain semi-Markovian jump random nonlinear systems with intermittent actuator and sensor faults and input constraint. <i>International Journal of Systems Science</i> , <b>2021</b> , 52, 57-85	2.3	0
303	Integrated design of robust fault estimation and fault-tolerant control against simultaneous actuator and sensor faults. <i>Asian Journal of Control</i> , <b>2021</b> , 23, 341-350	1.7	0
302	Bipartite Fixed-Time Output Consensus of Heterogeneous Linear Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 548-557	10.2	40
301	A Hierarchical Event Detection Method Based on Spectral Theory of Multidimensional Matrix for Power System. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 51, 2173-2186	7.3	31
300	Discrete-Time Non-Zero-Sum Games With Completely Unknown Dynamics. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 2929-2943	10.2	11
299	Event-triggered Adaptive Tracking Control for Random Systems with Coexisting Parametric Uncertainties and Severe Nonlinearities. <i>IEEE Transactions on Automatic Control</i> , <b>2021</b> , 1-1	5.9	12

298	Dissipativity-Based Finite-Time Filtering for Uncertain Semi-Markovian Jump Random Systems With Multiple Time Delays and State Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , PP,	10.3	1
297	. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	1
296	A Switched Newton-Raphson-Based Distributed Energy Management Algorithm for Multienergy System Under Persistent DoS Attacks. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2021</b> , 1-13	4.9	2
295	A Data-Driven Interpretable Method Based on Reversely Built FIS and Its Applications in Measurement. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2021</b> , 70, 1-10	5.2	1
294	A t <sub>n</sub> GAN-Based Leak Detection Method for Pipeline Network Considering Incomplete Sensor Data. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2021</b> , 70, 1-10	5.2	17
293	Adaptive Fuzzy Prescribed Finite-Time Tracking Control for Nonlinear System with Unknown Control Directions. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	5
292	Dissipativity-Based Fault-Tolerant Control for Stochastic Switched Systems With Time-Varying Delay and Uncertainties. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	7
291	Command-Filter-Based Fixed-Time Bipartite Containment Control for a Class of Stochastic Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-11	7.3	6
290	The Bipartite Edge-Based Event-Triggered Output Tracking of Heterogeneous Linear Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	2
289	Adaptive Bipartite Output Tracking Consensus in Switching Networks of Heterogeneous Linear Multiagent Systems Based on Edge Events. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , PP,	10.3	5
288	Adaptive Bipartite Fixed-Time Time-Varying Output Formation-Containment Tracking of Heterogeneous Linear Multiagent Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , PP,	10.3	7
287	Event-Triggered Control of Nonlinear Discrete-Time System With Unknown Dynamics Based on HDP(II) <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	12
286	Distributed Bipartite Adaptive Event-Triggered Fault-Tolerant Consensus Tracking for Linear Multiagent Systems Under Actuator Faults. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	4
285	Leader-Following Exponential Consensus of Fractional-Order Descriptor Multiagent Systems With Distributed Event-Triggered Strategy. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2021</b> , 1-13	7.3	1
284	Fuzzy Adaptive Observer-Based Fault and Disturbance Reconstructions for T-S Fuzzy Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	12
283	Observer-based Fault Reconstruction and Fault-Tolerant Control for Nonlinear Systems Subject to Simultaneous Actuator and Sensor Faults Revised manuscript for TFS-2020-1045. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2021</b> , 1-1	8.3	5
282	Optimal tracking control of switched systems applied in grid-connected hybrid generation using reinforcement learning. <i>Neural Computing and Applications</i> , <b>2021</b> , 33, 9363-9374	4.8	1
281	Cooperative Bipartite Containment Control for Heterogeneous Networks With Structurally Balanced Graph. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 68, 2885-2889	3.5	4

280	Time-varying output formation-containment control for homogeneous/heterogeneous descriptor fractional-order multi-agent systems. <i>Information Sciences</i> , <b>2021</b> , 567, 146-166	7.7	4
279	State and Fault Estimations for Discrete-Time T-S Fuzzy Systems With Sensor and Actuator Faults. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 68, 3326-3330	3.5	6
278	Online event-based adaptive critic design with experience replay to solve partially unknown multi-player nonzero-sum games. <i>Neurocomputing</i> , <b>2021</b> , 458, 219-231	5.4	2
277	Speed Control of Pipeline Inner Detector Based on Interval Dynamic Matrix Control With Additional Margin. <i>IEEE Transactions on Industrial Electronics</i> , <b>2021</b> , 68, 12657-12667	8.9	5
276	Hierarchical Pressure Data Recovery for Pipeline Network via Generative Adversarial Networks. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2021</b> , 1-11	4.9	10
275	Fault Estimation for Discrete-Time T-S Fuzzy Systems with Unmeasurable Premise Variables Based on Fuzzy Lyapunov Functions. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	
274	Adaptive Event-Triggered Leader-Follower Consensus of Linear Multiagent Systems Under Directed Graph With Nonzero Leader Input. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2021</b> , 1-1	3.5	3
273	Observer-Based Output Feedback Event-Triggered Adaptive Control for Linear Multiagent Systems Under Switching Topologies. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , PP,	10.3	6
272	Dissipativity-Based Intermittent Fault Detection and Tolerant Control for Multiple Delayed Uncertain Switched Fuzzy Stochastic Systems With Unmeasurable Premise Variables. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	4
271	Fully distributed bipartite leader-following consensus for uncertain linear multi-agent systems with event-triggered mechanism. <i>International Journal of Robust and Nonlinear Control</i> , <b>2021</b> , 31, 1375-1394	3.6	4
270	Containment control for singular multi-agent systems with an internal model compensator. <i>Science China Information Sciences</i> , <b>2020</b> , 63, 1	3.4	4
269	Semi-global leader-following output consensus for heterogeneous fractional-order multi-agent systems with input saturation via observer-based protocol. <i>Neurocomputing</i> , <b>2020</b> , 402, 298-306	5.4	5
268	Fully distributed bipartite output consensus of heterogeneous linear multiagent systems based on event-triggered transmission mechanism. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 3382-3410	3.6	7
267	Consensus conditions for higher-order descriptor multi-agent systems with communication time-delays. <i>Transactions of the Institute of Measurement and Control</i> , <b>2020</b> , 42, 2127-2136	1.8	4
266	Command Filter Based Adaptive Fuzzy Finite-Time Control for a Class of Uncertain Nonlinear Systems With Hysteresis. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 1-1	8.3	34
265	A novel neural network discrete-time optimal control design for nonlinear time-delay systems using adaptive critic designs. <i>Optimal Control Applications and Methods</i> , <b>2020</b> , 41, 748-764	1.7	6
264	Reduced-order observer-based robust leader-following control of heterogeneous discrete-time multi-agent systems with system uncertainties. <i>Applied Intelligence</i> , <b>2020</b> , 50, 1794-1812	4.9	5
263	Adaptive Bipartite Event-Triggered Output Consensus of Heterogeneous Linear Multiagent Systems Under Fixed and Switching Topologies. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 4816-4830	10.3	58

262	Echo State Network-Based Decentralized Control of Continuous-Time Nonlinear Large-Scale Interconnected Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-11	7.3	15
261	Decentralized Event-Triggered Adaptive Control of Discrete-Time Nonzero-Sum Games Over Wireless Sensor-Actuator Networks With Input Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 4254-4266	10.3	18
260	Distributed Bipartite Consensus of Linear Multiagent Systems Based on Event-Triggered Output Feedback Control Scheme. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-14	7.3	18
259	Leader-Following Consensus for a Class of Nonlinear Multiagent Systems Under Event-Triggered and Edge-Event Triggered Mechanisms. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	20
258	Observer and fault-tolerant controller design for discrete-time multiple state-delayed TS fuzzy systems. <i>IET Control Theory and Applications</i> , <b>2020</b> , 14, 1411-1423	2.5	3
257	Eventself-triggered leader-following consensus of multi-agent systems with general dynamics. <i>IET Control Theory and Applications</i> , <b>2020</b> , 14, 1209-1219	2.5	5
256	Finite-time time-varying output formation-tracking of heterogeneous linear multi-agent systems. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 926-941	4	8
255	Event-Driven Guaranteed Cost Control Design for Nonlinear Systems With Actuator Faults via Reinforcement Learning Algorithm. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 4135-4150	7.3	39
254	Integral reinforcement learning-based online adaptive event-triggered control for non-zero-sum games of partially unknown nonlinear systems. <i>Neurocomputing</i> , <b>2020</b> , 377, 243-255	5.4	17
253	Event-Triggered Integral Sliding-Mode Control for Nonlinear Constrained-Input Systems With Disturbances via Adaptive Dynamic Programming. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 4086-4096	7.3	19
252	HTTracking Control of Discrete-Time System With Delays via Data-Based Adaptive Dynamic Programming. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 4078-4085	7.3	14
251	Parallel Optimal Tracking Control Schemes for Mode-Dependent Control of Coupled Markov Jump Systems via Integral RL Method. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2020</b> , 1-11	4.9	11
250	Axiomatic fuzzy set theory-based fuzzy oblique decision tree with dynamic mining fuzzy rules. <i>Neural Computing and Applications</i> , <b>2020</b> , 32, 11621-11636	4.8	1
249	Induction Motors Fault Diagnosis Using Finite Element Method: A Review. <i>IEEE Transactions on Industry Applications</i> , <b>2020</b> , 56, 1205-1217	4.3	23
248	Distributed bipartite leader-following consensus of linear multi-agent systems with input time delay based on event-triggered transmission mechanism. <i>ISA Transactions</i> , <b>2020</b> , 100, 221-234	5.5	12
247	Guaranteed-performance consensus for descriptor nonlinear multi-agent systems based on distributed nonlinear consensus protocol. <i>Neurocomputing</i> , <b>2020</b> , 383, 359-367	5.4	5
246	Online Dual-Network-Based Adaptive Dynamic Programming for Solving Partially Unknown Multi-Player Non-Zero-Sum Games With Control Constraints. <i>IEEE Access</i> , <b>2020</b> , 8, 182295-182306	3.5	2
245	Fault-Tolerant Control for Stochastic Switched IT2 Fuzzy Uncertain Time-Delayed Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	16

244	Stability and Stabilization of TB Fuzzy Time-Delay System via Relaxed Integral Inequality and Dynamic Delay Partition. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 1-1	8.3	4
243	Cooperative output regulation of heterogeneous linear multi-agent systems via fully distributed event-triggered adaptive control. <i>Neurocomputing</i> , <b>2020</b> , 393, 38-45	5.4	8
242	Cooperative output regulation of heterogeneous linear multi-agent systems with edge-event triggered adaptive control under time-varying topologies. <i>Neural Computing and Applications</i> , <b>2020</b> , 32, 15573-15584	4.8	5
241	A new method of fault estimation and tolerant control for fuzzy systems against time-varying delay. <i>Nonlinear Analysis: Hybrid Systems</i> , <b>2020</b> , 38, 100942	4.5	4
240	The Decoupling Cooperative Control With Dominant Poles Assignment. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-9	7.3	8
239	Fault estimation and tolerant control for discrete-time nonlinear stochastic multiple-delayed systems with intermittent sensor and actuator faults. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 6761-6781	3.6	1
238	Graph-Based Semi-Supervised Learning for Induction Motors Single- and Multi-Fault Diagnosis Using Stator Current Signal <b>2020</b> ,		2
237	Data-Driven Robust Iterative Learning Consensus Tracking Control for MIMO Multiagent Systems Under Fixed and Iteration-Switching Topologies. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 1-14	7.3	2
236	Adaptive Fuzzy Containment Control for Multi-Agent Systems with State Constraints Using Unified Transformation Functions. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 1-1	8.3	10
235	Cooperative Bipartite Containment Control for Multiagent Systems Based on Adaptive Distributed Observer. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	15
234	Minimum-Learning-Parameters-Based Adaptive Neural Fault Tolerant Control With Its Application to Continuous Stirred Tank Reactor. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 1275-1285	7.3	7
233	A distributed NewtonRaphson-based coordination algorithm for multi-agent optimization with discrete-time communication. <i>Neural Computing and Applications</i> , <b>2020</b> , 32, 4649-4663	4.8	17
232	Critic-only adaptive dynamic programming algorithms Applications to the secure control of cyber-physical systems. <i>ISA Transactions</i> , <b>2020</b> , 104, 138-144	5.5	3
231	Fuzzy adaptive dynamic programming-based optimal leader-following consensus for heterogeneous nonlinear multi-agent systems. <i>Neural Computing and Applications</i> , <b>2020</b> , 32, 8763-8781	4.8	9
230	Adaptive Dynamics Programming for H <sub>∞</sub> Control of Continuous-Time Unknown Nonlinear Systems via Generalized Fuzzy Hyperbolic Models. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 3996-4008	7.3	12
229	Semi-global bipartite output consensus of heterogeneous multi-agent systems subject to input saturation by finite-time observer. <i>Asian Journal of Control</i> , <b>2020</b> , 22, 1639-1648	1.7	2
228	Robust Optimal Control Scheme for Unknown Constrained-Input Nonlinear Systems via a Plug-n-Play Event-Sampled Critic-Only Algorithm. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2020</b> , 50, 3169-3180	7.3	34
227	Situation awareness method using spectral analysis of random matrix for integrated energy system. <i>ISA Transactions</i> , <b>2020</b> , 99, 240-251	5.5	



226	Distributed cooperative output regulation of heterogeneous linear multi-agent systems based on event- and self-triggered control with undirected topology. <i>ISA Transactions</i> , <b>2020</b> , 99, 191-198	5.5	27
225	Opinion Maximization Through Unknown Influence Power in Social Networks Under Weighted Voter Model. <i>IEEE Systems Journal</i> , <b>2020</b> , 14, 1874-1885	4.3	9
224	An Iterative Stacking Method for Pipeline Defect Inversion With Complex MFL Signals. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2020</b> , 69, 3780-3788	5.2	13
223	. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 2401-2415	8.3	59
222	A Novel Approach to Observer-Based Fault Estimation and Fault-Tolerant Controller Design for TS Fuzzy Systems With Multiple Time Delays. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2020</b> , 28, 1679-1693	8.3	11
221	Optimal tracking control for non-zero-sum games of linear discrete-time systems via off-policy reinforcement learning. <i>Optimal Control Applications and Methods</i> , <b>2020</b> , 41, 1233-1250	1.7	1
220	A novel framework of fuzzy oblique decision tree construction for pattern classification. <i>Applied Intelligence</i> , <b>2020</b> , 50, 2959-2975	4.9	2
219	Online event-triggered adaptive critic design for non-zero-sum games of partially unknown networked systems. <i>Neurocomputing</i> , <b>2019</b> , 368, 84-98	5.4	13
218	Proportional plus derivative state feedback controller design for a class of fuzzy descriptor systems. <i>International Journal of Systems Science</i> , <b>2019</b> , 50, 2249-2260	2.3	7
217	Comprehensive frequency regulation scheme for permanent magnet synchronous generator-based wind turbine generation system. <i>IET Renewable Power Generation</i> , <b>2019</b> , 13, 234-244	2.9	13
216	Real-Time Energy Management of a Microgrid Using Deep Reinforcement Learning. <i>Energies</i> , <b>2019</b> , 12, 2291	3.1	66
215	Robust non-fragile proportional plus derivative state feedback control for a class of uncertain TakagiBugeno fuzzy singular systems. <i>Journal of the Franklin Institute</i> , <b>2019</b> , 356, 6208-6225	4	29
214	An effective scheme to address influence maximization for opinion formation in social networks. <i>Transactions on Emerging Telecommunications Technologies</i> , <b>2019</b> , 30, e3599	1.9	2
213	TIFIM: A Two-stage Iterative Framework for Influence Maximization in Social Networks. <i>Applied Mathematics and Computation</i> , <b>2019</b> , 354, 338-352	2.7	43
212	Bipartite output consensus of heterogeneous linear multi-agent systems by dynamic triggering observer. <i>ISA Transactions</i> , <b>2019</b> , 92, 14-22	5.5	14
211	Distributed Optimal Economic Dispatch for Microgrids Considering Communication Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 1634-1642	7.3	54
210	Prediction and identification of discrete-time dynamic nonlinear systems based on adaptive echo state network. <i>Neural Networks</i> , <b>2019</b> , 113, 11-19	9.1	25
209	A novel double-level observer-based fault estimation for TakagiBugeno fuzzy systems with unknown nonlinear dynamics. <i>Transactions of the Institute of Measurement and Control</i> , <b>2019</b> , 41, 3372-3384	1.8	6

208	New classification technique: fuzzy oblique decision tree. <i>Transactions of the Institute of Measurement and Control</i> , <b>2019</b> , 41, 2185-2195	1.8	
207	Event-Triggered-Based Distributed Cooperative Energy Management for Multienergy Systems. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 2008-2022	11.9	91
206	Finite-Time Stabilization for Discontinuous Interconnected Delayed Systems via Interval Type-2 TS Fuzzy Model Approach. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 249-261	8.3	39
205	Observer-based actuator fault estimation and proportional derivative fault tolerant control for continuous-time singular systems. <i>Optimal Control Applications and Methods</i> , <b>2019</b> , 40, 979-997	1.7	5
204	Distributed Optimal Energy Management for Microgrids in the Presence of Time-Varying Communication Delays. <i>IEEE Access</i> , <b>2019</b> , 7, 83702-83712	3.5	9
203	Research on Identification Process of Nonlinear System Based on An Improved Recursive Least Squares Algorithm <b>2019</b> ,		3
202	A Fuzzy Adaptive Tracking Control for MIMO Switched Uncertain Nonlinear Systems in Strict-Feedback Form. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 2443-2452	8.3	23
201	Dissipativity-Based Fault Detection for Uncertain Switched Fuzzy Systems With Unmeasurable Premise Variables. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 2421-2432	8.3	20
200	MFL Data Feature Extraction based on KPCA-BOMW Model <b>2019</b> ,		2
199	RDCL three-phase inverter and load adaptive commutation control. <i>IET Power Electronics</i> , <b>2019</b> , 12, 505-514	5.1	9
198	An SOS-Based Sliding Mode Controller Design for a Class of Polynomial Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 749-759	8.3	3
197	Adaptive Fuzzy Fault-Tolerant Tracking Control for Partially Unknown Systems With Actuator Faults via Integral Reinforcement Learning Method. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2019</b> , 27, 1986-1998	8.3	37
196	Adaptive fault-tolerant time-varying formation tracking for multiagent systems with multiple leaders. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 1807-1822	3.6	5
195	A Small-Sample Wind Turbine Fault Detection Method With Synthetic Fault Data Using Generative Adversarial Nets. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 3877-3888	11.9	70
194	Consensus-Based Distributed Economic Dispatch Control Method in Power Systems. <i>IEEE Transactions on Smart Grid</i> , <b>2019</b> , 10, 941-954	10.7	57
193	New stochastic synchronization criteria for fuzzy Markovian hybrid neural networks with random coupling strengths. <i>Neural Computing and Applications</i> , <b>2019</b> , 31, 825-843	4.8	2
192	Neural-Network-Based Robust Control Schemes for Nonlinear Multiplayer Systems With Uncertainties via Adaptive Dynamic Programming. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2019</b> , 49, 579-588	7.3	36
191	An Estimation Method of Defect Size From MFL Image Using Visual Transformation Convolutional Neural Network. <i>IEEE Transactions on Industrial Informatics</i> , <b>2019</b> , 15, 213-224	11.9	62

190	H Consensus for Linear Heterogeneous Multiagent Systems Based on Event-Triggered Output Feedback Control Scheme. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 2268-2279	10.2	35
189	Quick Reconstruction of Arbitrary Pipeline Defect Profiles From MFL Measurements Employing Modified Harmony Search Algorithm. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2018</b> , 67, 2200-2213	5.2	34
188	Multiple Open-Circuit Fault Diagnosis Based on Multistate Data Processing and Subsection Fluctuation Analysis for Photovoltaic Inverter. <i>IEEE Transactions on Instrumentation and Measurement</i> , <b>2018</b> , 67, 516-526	5.2	23
187	Fault Estimation and Fault-Tolerant Control for Switched Fuzzy Stochastic Systems. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2018</b> , 26, 2993-3003	8.3	83
186	Online reinforcement learning for a class of partially unknown continuous-time nonlinear systems via value iteration. <i>Optimal Control Applications and Methods</i> , <b>2018</b> , 39, 1011-1028	1.7	5
185	Iterative ADP learning algorithms for discrete-time multi-player games. <i>Artificial Intelligence Review</i> , <b>2018</b> , 50, 75-91	9.7	37
184	Novel Voltage Sag Protection Topology of Contactors for Uninterrupted Switching Capability. <i>IEEE Transactions on Industry Applications</i> , <b>2018</b> , 54, 3170-3178	4.3	14
183	Multiscale Adaptive Fault Diagnosis Based on Signal Symmetry Reconstitution Preprocessing for Microgrid Inverter Under Changing Load Condition. <i>IEEE Transactions on Smart Grid</i> , <b>2018</b> , 9, 797-806	10.7	28
182	Consensus-Based Distributed Control for Accurate Reactive, Harmonic, and Imbalance Power Sharing in Microgrids. <i>IEEE Transactions on Smart Grid</i> , <b>2018</b> , 9, 2453-2467	10.7	104
181	Synchronization analysis for coupled static neural networks with stochastic disturbance and interval time-varying delay. <i>Neural Computing and Applications</i> , <b>2018</b> , 30, 1123-1132	4.8	3
180	Neural-Network-Based Robust Optimal Tracking Control for MIMO Discrete-Time Systems With Unknown Uncertainty Using Adaptive Critic Design. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 1239-1251	10.3	37
179	Wirtinger-based multiple integral inequality for stability of time-delay systems. <i>International Journal of Control</i> , <b>2018</b> , 91, 12-18	1.5	21
178	. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2018</b> , 26, 3191-3205	8.3	18
177	A fuzzy adaptive tracking control for a class of uncertain strick-feedback nonlinear systems with dead-zone input. <i>Neurocomputing</i> , <b>2018</b> , 272, 130-135	5.4	16
176	Event-Based Distributed Active Power Sharing Control for Interconnected AC and DC Microgrids. <i>IEEE Transactions on Smart Grid</i> , <b>2018</b> , 9, 6815-6828	10.7	50
175	State-of-the-art review on frequency response of wind power plants in power systems. <i>Journal of Modern Power Systems and Clean Energy</i> , <b>2018</b> , 6, 1-16	4	88
174	Data-driven adaptive dynamic programming schemes for non-zero-sum games of unknown discrete-time nonlinear systems. <i>Neurocomputing</i> , <b>2018</b> , 275, 649-658	5.4	17
173	Reinforcement learning-based online adaptive controller design for a class of unknown nonlinear discrete-time systems with time delays. <i>Neural Computing and Applications</i> , <b>2018</b> , 30, 1733-1745	4.8	7

172	An adaptive approach for handling two-dimension influence maximization in social networks. <i>International Journal of Communication Systems</i> , <b>2018</b> , 31, e3780	1.7	3
171	Dynamic output feedback-based fault-tolerant control design for T-S fuzzy systems with model uncertainties. <i>ISA Transactions</i> , <b>2018</b> , 81, 32-45	5.5	30
170	Output consensus of heterogeneous linear MASs by self-triggered MPC scheme. <i>Neurocomputing</i> , <b>2018</b> , 315, 476-485	5.4	7
169	Event-triggered control for a class of non-linear systems: an exponential approximation method. <i>IET Control Theory and Applications</i> , <b>2018</b> , 12, 1491-1496	2.5	14
168	Fuzzy-Secondary-Controller-Based Virtual Synchronous Generator Control Scheme for Interfacing Inverters of Renewable Distributed Generation in Microgrids. <i>IEEE Transactions on Industry Applications</i> , <b>2018</b> , 54, 1047-1061	4.3	49
167	Robust Fault Detection for Switched Fuzzy Systems With Unknown Input. <i>IEEE Transactions on Cybernetics</i> , <b>2018</b> , 48, 3056-3066	10.2	44
166	Stability and L 1-Gain Analysis for Switched Positive TS Fuzzy Systems with Time-Varying Delay. <i>International Journal of Fuzzy Systems</i> , <b>2018</b> , 20, 380-389	3.6	1
165	A KNN-SVR Data Mending Method for Insufficient Data of Magnetic Flux Leakage Detection <b>2018</b> ,		2
164	Near-optimal output tracking controller design for nonlinear systems using an event-driven ADP approach. <i>Neurocomputing</i> , <b>2018</b> , 309, 168-178	5.4	8
163	A Novel Energy Function-Based Stability Evaluation and Nonlinear Control Approach for Energy Internet. <i>IEEE Transactions on Smart Grid</i> , <b>2017</b> , 8, 1195-1210	10.7	88
162	Dissipativity Analysis and Synthesis for a Class of TS Fuzzy Descriptor Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2017</b> , 47, 1774-1784	7.3	46
161	Optimal Output Regulation for Heterogeneous Multiagent Systems via Adaptive Dynamic Programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2017</b> , 28, 18-29	10.3	86
160	Novel Switching Jumps Dependent Exponential Synchronization Criteria for Memristor-Based Neural Networks. <i>Neural Processing Letters</i> , <b>2017</b> , 45, 15-28	2.4	37
159	Data-Driven Optimal Consensus Control for Discrete-Time Multi-Agent Systems With Unknown Dynamics Using Reinforcement Learning Method. <i>IEEE Transactions on Industrial Electronics</i> , <b>2017</b> , 64, 4091-4100	8.9	170
158	H <sub>∞</sub> control with constrained input for completely unknown nonlinear systems using data-driven reinforcement learning method. <i>Neurocomputing</i> , <b>2017</b> , 237, 226-234	5.4	29
157	Coordinated Control Strategy of Battery Energy Storage System and PMSG-WTG to Enhance System Frequency Regulation Capability. <i>IEEE Transactions on Sustainable Energy</i> , <b>2017</b> , 8, 1330-1343	8.2	57
156	Finite-horizon optimal control of unknown nonlinear time-delay systems. <i>Neurocomputing</i> , <b>2017</b> , 238, 277-285	5.4	7
155	Sensor Fault Estimation of Switched Fuzzy Systems With Unknown Input. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2017</b> , 1-1	8.3	34

154	Adaptive dynamic programming for tracking design of uncertain nonlinear systems with disturbances and input constraints. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2017</b> , 31, 1567-1583	2.8	19
153	Distributed Optimal Energy Management for Energy Internet. <i>IEEE Transactions on Industrial Informatics</i> , <b>2017</b> , 13, 3081-3097	11.9	126
152	Dynamic Event-Based Control of Nonlinear Stochastic Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2017</b> , 62, 6544-6551	5.9	174
151	Construction of energy hub model and optimal scheduling of energy internet <b>2017</b> ,		2
150	Discrimination and compensation of abnormal values of magnetic flux leakage in oil pipeline based on BP neural network <b>2017</b> ,		2
149	Extracting defect signal from the MFL signal of seamless pipeline <b>2017</b> ,		3
148	Constrained robust optimal sliding mode control for uncertain nonlinear systems using ADP approach <b>2017</b> ,		1
147	Hybrid Fuzzy Adaptive Fault-Tolerant Control for a Class of Uncertain Nonlinear Systems With Unmeasured States. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2017</b> , 25, 1041-1050	8.3	37
146	Sampled-Data Synchronization of Markovian Coupled Neural Networks With Mode Delays Based on Mode-Dependent LKF. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2017</b> , 28, 2626-2637	10.3	38
145	Anti-disturbance control for nonlinear system via adaptive disturbance observer. <i>International Journal of Robust and Nonlinear Control</i> , <b>2017</b> , 27, 2121-2144	3.6	21
144	Discrete-Time Nonzero-Sum Games for Multiplayer Using Policy-Iteration-Based Adaptive Dynamic Programming Algorithms. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 3331-3340	10.2	58
143	A New Local Bipolar Autoassociative Memory Based on External Inputs of Discrete Recurrent Neural Networks With Time Delay. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2017</b> , 28, 2479-2489	10.3	1
142	Distributed optimization-based power trade strategy for we-energy in energy internet <b>2017</b> ,		1
141	Evaluation of different inertial control methods for variable-speed wind turbines simulated by fatigue, aerodynamic, structures and turbulence (FAST). <i>IET Renewable Power Generation</i> , <b>2017</b> , 11, 1534-1544	2.9	11
140	Fault estimation based on Kalman filtering for Takagi-Sugeno fuzzy systems <b>2017</b> ,		1
139	Fault-Tolerant Controller Design for a Class of Nonlinear MIMO Discrete-Time Systems via Online Reinforcement Learning Algorithm. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , <b>2016</b> , 46, 611-622	7.3	65
138	Off-Policy Actor-Critic Structure for Optimal Control of Unknown Systems With Disturbances. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 1041-50	10.2	127
137	H state estimation for memristive neural networks with time-varying delays: The discrete-time case. <i>Neural Networks</i> , <b>2016</b> , 84, 47-56	9.1	37

136	Partial boundedness analysis: a state-space transformation method for reshaping the estimated domain of stability. <i>IET Control Theory and Applications</i> , <b>2016</b> , 10, 1307-1313	2.5	
135	Nearly data-based optimal control for linear discrete model-free systems with delays via reinforcement learning. <i>International Journal of Systems Science</i> , <b>2016</b> , 47, 1563-1573	2.3	12
134	Non-fragile robust control for networked control systems with long time-varying delay, randomly occurring nonlinearity, and randomly occurring controller gain fluctuation. <i>International Journal of Robust and Nonlinear Control</i> , <b>2016</b> , 26, 125-142	3.6	20
133	Robust Fault Estimation and Accommodation for a Class of T $\mathbb{B}$ Fuzzy Systems with Local Nonlinear Models. <i>Circuits, Systems, and Signal Processing</i> , <b>2016</b> , 35, 3506-3530	2.2	16
132	Adaptive dynamic surface error constrained control for MIMO systems with backlash-like hysteresis via prediction error technique. <i>Nonlinear Dynamics</i> , <b>2016</b> , 84, 1989-2002	5	20
131	Robust state/fault estimation and fault tolerant control for T $\mathbb{B}$ fuzzy systems with sensor and actuator faults. <i>Journal of the Franklin Institute</i> , <b>2016</b> , 353, 615-641	4	64
130	Fault Diagnosis Method of Joint Fisher Discriminant Analysis Based on the Local and Global Manifold Learning and Its Kernel Version. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2016</b> , 13, 122-133	4.9	46
129	A variable step-size P&O method in the application of MPPT control for a PV system <b>2016</b> ,		3
128	Coordinated optimization control strategy for we-energy in energy internet <b>2016</b> ,		3
127	Data-driven optimal tracking control for a class of affine non-linear continuous-time systems with completely unknown dynamics. <i>IET Control Theory and Applications</i> , <b>2016</b> , 10, 700-710	2.5	28
126	Event-based H $\infty$ consensus control for second-order leader-following multi-agent systems. <i>Journal of the Franklin Institute</i> , <b>2016</b> , 353, 5081-5098	4	24
125	Stability analysis on a class of nonlinear fractional-order systems. <i>Nonlinear Dynamics</i> , <b>2016</b> , 86, 1023-1033	3.3	25
124	Multiple Wada basins with common boundaries in nonlinear driven oscillators. <i>Nonlinear Dynamics</i> , <b>2015</b> , 79, 2667-2674	5	9
123	On $\mathbb{E}$ -decomposition frequency-sweeping strategy to rational-order fractional systems with commensurate delays. <i>IET Control Theory and Applications</i> , <b>2015</b> , 9, 723-728	2.5	1
122	Basins of coexisting multi-dimensional tori in a vibro-impact system. <i>Nonlinear Dynamics</i> , <b>2015</b> , 79, 2177-2185	3.1	11
121	Metamorphoses of basin boundaries with complex topology in an archetypal oscillator. <i>Nonlinear Dynamics</i> , <b>2015</b> , 79, 2309-2323	5	8
120	Cooperative robust output regulation for heterogeneous second-order discrete-time multi-agent systems. <i>Neurocomputing</i> , <b>2015</b> , 162, 41-47	5.4	14
119	Adaptive neural dynamic surface control for a class of uncertain nonlinear systems with disturbances. <i>Neurocomputing</i> , <b>2015</b> , 165, 152-158	5.4	15

118	An SOS-Based Observer Design for Discrete-Time Polynomial Fuzzy Systems. <i>International Journal of Fuzzy Systems</i> , <b>2015</b> , 17, 94-104	3.6	17
117	Distributed-observer-based cooperative control for synchronization of linear discrete-time multi-agent systems. <i>ISA Transactions</i> , <b>2015</b> , 59, 72-8	5.5	15
116	Disturbance observer based fault estimation and dynamic output feedback fault tolerant control for fuzzy systems with local nonlinear models. <i>ISA Transactions</i> , <b>2015</b> , 59, 114-24	5.5	46
115	Static output feedback stabilization for systems with time-varying delay based on a matrix transformation method. <i>Science China Information Sciences</i> , <b>2015</b> , 58, 1-13	3.4	4
114	Distributed Cooperative Optimal Control for Multiagent Systems on Directed Graphs: An Inverse Optimal Approach. <i>IEEE Transactions on Cybernetics</i> , <b>2015</b> , 45, 1315-26	10.2	209
113	Further study on local stabilization of continuous-time nonlinear systems presented as Takagi-Sugeno fuzzy model. <i>Journal of Intelligent and Fuzzy Systems</i> , <b>2015</b> , 29, 283-292	1.6	5
112	Optimal Wind Turbines Micrositing in Onshore Wind Farms Using Fuzzy Genetic Algorithm. <i>Mathematical Problems in Engineering</i> , <b>2015</b> , 2015, 1-9	1.1	5
111	. <i>IEEE Transactions on Smart Grid</i> , <b>2015</b> , 6, 3006-3019	10.7	265
110	Model-free optimal controller design for continuous-time nonlinear systems by adaptive dynamic programming based on a precompensator. <i>ISA Transactions</i> , <b>2015</b> , 57, 63-70	5.5	12
109	Leader-Based Optimal Coordination Control for the Consensus Problem of Multiagent Differential Games via Fuzzy Adaptive Dynamic Programming. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2015</b> , 23, 152-163	8.3	315
108	Neural-Network-Based Constrained Optimal Control Scheme for Discrete-Time Switched Nonlinear System Using Dual Heuristic Programming. <i>IEEE Transactions on Automation Science and Engineering</i> , <b>2014</b> , 11, 839-849	4.9	163
107	Delay-dependent resilient-robust stabilisation of uncertain networked control systems with variable sampling intervals. <i>International Journal of Systems Science</i> , <b>2014</b> , 45, 497-508	2.3	17
106	The asymptotic analysis of multiple imaginary characteristic roots for LTI delayed systems based on Puiseux-Newton diagram. <i>International Journal of Systems Science</i> , <b>2014</b> , 45, 1145-1155	2.3	6
105	Online adaptive policy learning algorithm for H <sub>∞</sub> state feedback control of unknown affine nonlinear discrete-time systems. <i>IEEE Transactions on Cybernetics</i> , <b>2014</b> , 44, 2706-18	10.2	166
104	Robust synchronization analysis for static delayed neural networks with nonlinear hybrid coupling. <i>Neural Computing and Applications</i> , <b>2014</b> , 25, 839-848	4.8	10
103	Adaptive synchronization of an uncertain coupling complex network with time-delay. <i>Nonlinear Dynamics</i> , <b>2014</b> , 77, 643-653	5	29
102	Adaptive Dynamic Programming for a Class of Complex-Valued Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2014</b> , 25, 1733-1739	10.3	106
101	Adaptive reconfigurable control of systems with time-varying delay against unknown actuator faults. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2014</b> , 28, 1206-1226	2.8	14

100	Research on a Novel Modulation Strategy for Auxiliary Resonant Commutated Pole Inverter With the Smallest Loss in Auxiliary Commutation Circuits. <i>IEEE Transactions on Power Electronics</i> , <b>2014</b> , 29, 1103-1117	7.2	22
99	Fault tolerant synchronization for a class of complex interconnected neural networks with delay. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2014</b> , 28, 859-881	2.8	25
98	Dynamical stability analysis of delayed recurrent neural networks with ring structure. <i>International Journal of Modern Physics B</i> , <b>2014</b> , 28, 1450118	1.1	1
97	Online optimal tracking control of continuous-time linear systems with unknown dynamics by using adaptive dynamic programming. <i>International Journal of Control</i> , <b>2014</b> , 87, 1000-1009	1.5	67
96	Finite horizon optimal control of non-linear discrete-time switched systems using adaptive dynamic programming with Error bound. <i>International Journal of Systems Science</i> , <b>2014</b> , 45, 1683-1693	2.3	19
95	Chaotic Dynamics in Smart Grid and Suppression Scheme via Generalized Fuzzy Hyperbolic Model. <i>Mathematical Problems in Engineering</i> , <b>2014</b> , 2014, 1-7	1.1	11
94	Neural network-based near-optimal control for nonlinear discrete-time zero-sum differential games associated with the $H_\infty$ control problem <b>2014</b> ,		1
93	Optimal robust non-fragile $H_\infty$ control for networked control systems with uncertain time-delays <b>2014</b> ,		2
92	Robust fault tolerant control for a class of networked control systems with state delay and stochastic actuator failures. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2014</b> , 28, 798-811	2.8	24
91	Adaptive dynamic programming for discrete-time LQR optimal tracking control problems with unknown dynamics <b>2014</b> ,		3
90	Optimal tracking control of a class of nonlinear discrete-time switched systems using adaptive dynamic programming. <i>Neural Computing and Applications</i> , <b>2014</b> , 24, 531-538	4.8	12
89	Novel Zero-Voltage and Zero-Current Switching (ZVZCS) PWM Three-Level DC/DC Converter Using Output Coupled Inductor. <i>IEEE Transactions on Power Electronics</i> , <b>2014</b> , 29, 1082-1093	7.2	43
88	Wada basin boundaries in switched systems. <i>Nonlinear Dynamics</i> , <b>2014</b> , 76, 281-288	5	1
87	Exponential synchronization of stochastic chaotic neural networks with mixed time delays and Markovian switching. <i>Neural Computing and Applications</i> , <b>2014</b> , 25, 429-442	4.8	11
86	A framework of robust fault estimation observer design for continuous-time/discrete-time systems. <i>Optimal Control Applications and Methods</i> , <b>2013</b> , 34, 442-457	1.7	28
85	New less-conservative stability results for uncertain stochastic neural networks with fewer slack variables. <i>International Journal of Robust and Nonlinear Control</i> , <b>2013</b> , 23, 731-753	3.6	5
84	New results for neutral-type delayed projection neural network to solve linear variational inequalities. <i>Neural Computing and Applications</i> , <b>2013</b> , 23, 1753-1761	4.8	5
83	Synchronization in complex dynamical networks based on the feedback of scalar signals. <i>Neural Computing and Applications</i> , <b>2013</b> , 23, 683-689	4.8	2



82	A new result for projection neural networks to solve linear variational inequalities and related optimization problems. <i>Neural Computing and Applications</i> , <b>2013</b> , 23, 357-362	4.8	10
81	Absolute stabilization of singular systems with ferromagnetic hysteresis nonlinearity. <i>Science China Information Sciences</i> , <b>2013</b> , 56, 1-14	3.4	1
80	Passivity-based decentralized stabilization of multi-agent systems with uncertainty and mixed delays. <i>Journal of Control Theory and Applications</i> , <b>2013</b> , 11, 579-585		1
79	New delay-dependent stability criteria for cohen-grossberg neural networks with multiple time-varying mixed delays. <i>Soft Computing</i> , <b>2013</b> , 17, 2043-2052	3.5	4
78	Stability analysis of singular networked control system with long time delay and data packet dropout <b>2013</b> ,		1
77	Near-Optimal Control for Nonzero-Sum Differential Games of Continuous-Time Nonlinear Systems Using Single-Network ADP. <i>IEEE Transactions on Cybernetics</i> , <b>2013</b> , 43, 206-16	10.2	300
76	Global stability analysis of multitime-scale neural networks. <i>Neural Computing and Applications</i> , <b>2013</b> , 22, 211-217	4.8	4
75	New global synchronization analysis for complex networks with coupling delay based on a useful inequality. <i>Neural Computing and Applications</i> , <b>2013</b> , 22, 205-210	4.8	10
74	Synchronization criteria and pinning control for complex networks with multiple delays. <i>Neural Computing and Applications</i> , <b>2013</b> , 22, 151-159	4.8	16
73	The finite-horizon optimal control for a class of time-delay affine nonlinear system. <i>Neural Computing and Applications</i> , <b>2013</b> , 22, 229-235	4.8	15
72	Robust fault detection filter design for a class of time-delay systems via equivalent transformation. <i>Journal of Control Theory and Applications</i> , <b>2013</b> , 11, 54-60		6
71	Data-Driven Fault Supervisory Control Theory and Applications. <i>Mathematical Problems in Engineering</i> , <b>2013</b> , 2013, 1-2	1.1	1
70	Synchronization Criteria for an Array of Neutral-Type Neural Networks with Hybrid Coupling: A Novel Analysis Approach. <i>Neural Processing Letters</i> , <b>2012</b> , 35, 29-45	2.4	17
69	State estimation for discrete-time markov jump linear systems based on orthogonal projective theorem. <i>International Journal of Control, Automation and Systems</i> , <b>2012</b> , 10, 1049-1054	2.9	3
68	Pinning Synchronization for a General Complex Networks with Multiple Time-Varying Coupling Delays. <i>Neural Processing Letters</i> , <b>2012</b> , 35, 221-231	2.4	14
67	Infinite horizon optimal control of affine nonlinear discrete switched systems using two-stage approximate dynamic programming. <i>International Journal of Systems Science</i> , <b>2012</b> , 43, 1673-1682	2.3	17
66	Novel compensation-based non-fragile H <sub>∞</sub> control for uncertain neutral systems with time-varying delays. <i>International Journal of Systems Science</i> , <b>2012</b> , 43, 961-971	2.3	10
65	Data-core-based fuzzy min-max neural network for pattern classification. <i>IEEE Transactions on Neural Networks</i> , <b>2011</b> , 22, 2339-52		100

64	Optimal tracking control for a class of nonlinear discrete-time systems with time delays based on heuristic dynamic programming. <i>IEEE Transactions on Neural Networks</i> , <b>2011</b> , 22, 1851-62		134
63	Data-driven robust approximate optimal tracking control for unknown general nonlinear systems using adaptive dynamic programming method. <i>IEEE Transactions on Neural Networks</i> , <b>2011</b> , 22, 2226-36		399
62	Adaptive critic design based robust neural network control for a class of continuous-time nonaffine nonlinear system <b>2011</b> ,		1
61	Stabilization of Switched Nonlinear Systems With All Unstable Modes: Application to Multi-Agent Systems. <i>IEEE Transactions on Automatic Control</i> , <b>2011</b> , 56, 2230-2235	5.9	110
60	Homogenous polynomially parameter-dependent H <sub>∞</sub> filter designs of discrete-time fuzzy systems. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2011</b> , 41, 1313-22		33
59	Relaxed Stability Conditions for Continuous-Time T <sub>B</sub> Fuzzy-Control Systems Via Augmented Multi-Indexed Matrix Approach. <i>IEEE Transactions on Fuzzy Systems</i> , <b>2011</b> , 19, 478-492	8.3	150
58	Analysis and Implementation of A Passive Lossless Soft-Switching Snubber for PWM Inverters. <i>IEEE Transactions on Power Electronics</i> , <b>2011</b> , 26, 411-426	7.2	41
57	A novel suboptimal algorithm for state estimation of Markov jump linear systems. <i>Journal of Control Theory and Applications</i> , <b>2011</b> , 9, 148-154		1
56	Data-based adaptive critic design for discrete-time zero-sum games using output feedback <b>2011</b> ,		10
55	Iteration algorithm for solving the optimal strategies of a class of nonaffine nonlinear quadratic zero-sum games <b>2010</b> ,		3
54	Novel weighting-delay-based stability criteria for recurrent neural networks with time-varying delay. <i>IEEE Transactions on Neural Networks</i> , <b>2010</b> , 21, 91-106		346
53	Improved Robust Stability Criteria for Delayed Cellular Neural Networks via the LMI Approach. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2010</b> , 57, 41-45	3.5	28
52	Networked synchronization control of coupled dynamic networks with time-varying delay. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2010</b> , 40, 1468-79		127
51	Novel delay-dependent robust stability analysis for switched neutral-type neural networks with time-varying delays via SC technique. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2010</b> , 40, 1480-91		80
50	Near-optimal control laws based on Heuristic Dynamic Programming iteration algorithm <b>2010</b> ,		3
49	A new delayed projection neural network for solving quadratic programming problems <b>2010</b> ,		1
48	Multistability and enlarged basins of attraction in bidirectional associative memory neural networks <b>2010</b> ,		5
47	On designing memory state feedback controller for linear systems with interval time-varying delay. <i>Journal of Control Theory and Applications</i> , <b>2010</b> , 8, 479-484		2

46	On state estimation of discrete-time Markov jump linear systems <b>2009</b> ,		3
45	DIGITAL STREAM CIPHER BASED ON SCS-PRBG. <i>International Journal of Modern Physics B</i> , <b>2009</b> , 23, 5085-5092		1
44	Energy Shaping Repetitive Control (ESRC) for Three-Phase Three-Wire Shunt Active Power Filter <b>2009</b> ,		1
43	TWO ADAPTIVE SYNCHRONIZATION METHODS OF UNCERTAIN CHEN SYSTEM. <i>International Journal of Modern Physics B</i> , <b>2009</b> , 23, 5163-5169	1.1	1
42	Constrained optimal control of affine nonlinear discrete-time systems using GHJB method <b>2009</b> ,		1
41	Neural-network-based reinforcement learning controller for nonlinear systems with non-symmetric dead-zone inputs <b>2009</b> ,		10
40	. <i>IEEE Computational Intelligence Magazine</i> , <b>2009</b> , 4, 39-47	5.6	517
39	Delay dependent stability criteria for recurrent neural networks with time varying delays. <i>Journal of Control Theory and Applications</i> , <b>2009</b> , 7, 9-13		1
38	New delay-dependent criterion for the stability of recurrent neural networks with time-varying delay. <i>Science in China Series F: Information Sciences</i> , <b>2009</b> , 52, 942-948		10
37	Delay-Dependent Globally Exponential Stability Criteria for Static Neural Networks: An LMI Approach. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2009</b> , 56, 605-609	3.5	35
36	New Delay-Dependent Global Exponential Stability Criterion for Cellular-Type Neural Networks With Time-Varying Delays. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , <b>2009</b> , 56, 250-254	3.5	36
35	Neural-network-based near-optimal control for a class of discrete-time affine nonlinear systems with control constraints. <i>IEEE Transactions on Neural Networks</i> , <b>2009</b> , 20, 1490-503		459
34	Reply to "Comment to Q-S Fuzzy-Model-Based Robust H/spl infin/ Design for Networked Control Systems With UncertaintiesQ. <i>IEEE Transactions on Industrial Informatics</i> , <b>2009</b> , 5, 507-507	11.9	5
33	Global asymptotic stability of recurrent neural networks with multiple time-varying delays. <i>IEEE Transactions on Neural Networks</i> , <b>2008</b> , 19, 855-73		279
32	Delay-dependent guaranteed cost control for uncertain stochastic fuzzy systems with multiple time delays. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , <b>2008</b> , 38, 126-40		137
31	T-S fuzzy modeling and control for a class of chaotic (hyperchaotic) systems with uncertain parameters <b>2008</b> ,		1
30	Robust stability analysis for interval cohen-grossberg neural networks with unknown time-varying delays. <i>IEEE Transactions on Neural Networks</i> , <b>2008</b> , 19, 1942-55		101
29	Stability analysis of Markovian jumping stochastic Cohen-Grossberg neural networks with mixed time delays. <i>IEEE Transactions on Neural Networks</i> , <b>2008</b> , 19, 366-70		249

28	The multi-objective coordinated control of excitation and ASVG of SMIB system based on hamiltonian principle <b>2008</b> ,		1
27	A New Approach to Solve a Class of Continuous-Time Nonlinear Quadratic Zero-Sum Game Using ADP <b>2008</b> ,		11
26	Adaptive synchronization of different kinds of chaotic neural networks. <i>Journal of Control Theory and Applications</i> , <b>2008</b> , 6, 201-207		0
25	Generalized Homogeneous Multivariate Matrix Padé-Type Approximants and Padé-Approximants. <i>IEEE Transactions on Automatic Control</i> , <b>2007</b> , 52, 2160-2165	5.9	5
24	Design of a bilinear fault detection observer for singular bilinear systems. <i>Journal of Control Theory and Applications</i> , <b>2007</b> , 5, 28-36		3
23	Adaptive Synchronization Between Two Different Chaotic Neural Networks With Time Delay. <i>IEEE Transactions on Neural Networks</i> , <b>2007</b> , 18, 1841-1845		129
22	Robust Exponential Stability of Recurrent Neural Networks With Multiple Time-Varying Delays. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , <b>2007</b> , 54, 730-734		91
21	Robust H Infinity Control for Fuzzy Descriptor Systems with Time-Varying Delay and Parameter Uncertainties <b>2007</b> ,		1
20	T-S Fuzzy-Model-Based Robust $H_{\infty}$ Design for Networked Control Systems With Uncertainties. <i>IEEE Transactions on Industrial Informatics</i> , <b>2007</b> , 3, 289-301	11.9	170
19	Generalized Multivariate Rectangular Matrix Padé-Type Approximants. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , <b>2007</b> , 54, 2099-2105		3
18	Design of bilinear observer for singular bilinear systems. <i>Journal of Control Theory and Applications</i> , <b>2006</b> , 4, 413-417		
17	Analysis for Cohen-Grossberg neural networks with multiple delays. <i>Journal of Control Theory and Applications</i> , <b>2006</b> , 4, 392-396		1
16	Robust fault diagnosis for a class of nonlinear systems. <i>Journal of Control Theory and Applications</i> , <b>2006</b> , 4, 245-251		8
15	Robust adaptive fuzzy control scheme for nonlinear system with uncertainty. <i>Journal of Control Theory and Applications</i> , <b>2006</b> , 4, 209-216		6
14	Robust adaptive control for interval time-delay systems. <i>Journal of Control Theory and Applications</i> , <b>2006</b> , 4, 367-371		4
13	Output Feedback Control for Chaotic System via Generalized Fuzzy Hyperbolic Model <b>2006</b> ,		1
12	Controller Design for a Class of Nonlinear Systems Based on Fuzzy Hyperbolic Model <b>2006</b> ,		1
11	CHAOTIFYING FUZZY HYPERBOLIC MODEL USING ADAPTIVE INVERSE OPTIMAL CONTROL APPROACH. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , <b>2004</b> , 14, 3505-3517	2	27

10	Spinning Reserve from Responsive Load via Intelligent Energy Management Network		3
9	A self-organizing neural network approach for the identification of motifs with insertions and deletions in protein sequences		1
8	Fuzzy Neural Networks Adaptive Control of Micro Gas Turbine with Prediction Model		3
7	Applications of fuzzy decision-making in pipeline leak localization		1
6	Chaotification of nonlinear systems described by the fuzzy hyperbolic model		1
5	Robust Adaptive Fuzzy Output Control for Nonlinear Uncertain Systems		3
4	Gradient-based methods for simultaneous blind separation of mixed source signals		1
3	H <sub>∞</sub> distributed frequency control with unknown communication delays and parametric uncertainties. <i>International Transactions on Electrical Energy Systems</i> , e13082	2.2	1
2	Stochastic stability for delayed semi-Markovian genetic regulatory networks with partly unknown transition rates by employing new integral inequalities. <i>Neural Computing and Applications</i> , 1	4.8	
1	L <sub>2</sub> -gain robust trajectory tracking control for quadrotor UAV with unknown disturbance. <i>Asian Journal of Control</i> ,	1.7	1