

Yuliang Cai

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

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	. <i>IEEE Computational Intelligence Magazine</i> , 2009 , 4, 39-47	5.6	517
350	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> , 2009 , 20, 1490-503		459
349	Data-driven robust approximate optimal tracking control for unknown general nonlinear systems using adaptive dynamic programming method. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 2226-36		399
348	Novel weighting-delay-based stability criteria for recurrent neural networks with time-varying delay. <i>IEEE Transactions on Neural Networks</i> , 2010 , 21, 91-106		346
347	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> , 2015 , 23, 152-163	8.3	315
346	Near-Optimal Control for Nonzero-Sum Differential Games of Continuous-Time Nonlinear Systems Using Single-Network ADP. <i>IEEE Transactions on Cybernetics</i> , 2013 , 43, 206-16	10.2	300
345	Global asymptotic stability of recurrent neural networks with multiple time-varying delays. <i>IEEE Transactions on Neural Networks</i> , 2008 , 19, 855-73		279
344	. <i>IEEE Transactions on Smart Grid</i> , 2015 , 6, 3006-3019	10.7	265
343	Stability analysis of Markovian jumping stochastic Cohen-Grossberg neural networks with mixed time delays. <i>IEEE Transactions on Neural Networks</i> , 2008 , 19, 366-70		249
342	Distributed Cooperative Optimal Control for Multiagent Systems on Directed Graphs: An Inverse Optimal Approach. <i>IEEE Transactions on Cybernetics</i> , 2015 , 45, 1315-26	10.2	209
341	Dynamic Event-Based Control of Nonlinear Stochastic Systems. <i>IEEE Transactions on Automatic Control</i> , 2017 , 62, 6544-6551	5.9	174
340	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> , 2017 , 64, 4091-4100	8.9	170
339	T-S Fuzzy-Model-Based Robust H_{∞} Design for Networked Control Systems With Uncertainties. <i>IEEE Transactions on Industrial Informatics</i> , 2007 , 3, 289-301	11.9	170
338	Online adaptive policy learning algorithm for H ₂ state feedback control of unknown affine nonlinear discrete-time systems. <i>IEEE Transactions on Cybernetics</i> , 2014 , 44, 2706-18	10.2	166
337	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> , 2014 , 11, 839-849	4.9	163
336	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> , 2021 , 32, 2239-2250	10.3	154
335	Relaxed Stability Conditions for Continuous-Time T _S Fuzzy-Control Systems Via Augmented Multi-Indexed Matrix Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2011 , 19, 478-492	8.3	150

334	Delay-dependent guaranteed cost control for uncertain stochastic fuzzy systems with multiple time delays. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2008 , 38, 126-40		137
333	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> , 2011 , 22, 1851-62		134
332	Adaptive Synchronization Between Two Different Chaotic Neural Networks With Time Delay. <i>IEEE Transactions on Neural Networks</i> , 2007 , 18, 1841-1845		129
331	Off-Policy Actor-Critic Structure for Optimal Control of Unknown Systems With Disturbances. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 1041-50	10.2	127
330	Networked synchronization control of coupled dynamic networks with time-varying delay. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2010 , 40, 1468-79		127
329	Distributed Optimal Energy Management for Energy Internet. <i>IEEE Transactions on Industrial Informatics</i> , 2017 , 13, 3081-3097	11.9	126
328	Stabilization of Switched Nonlinear Systems With All Unstable Modes: Application to Multi-Agent Systems. <i>IEEE Transactions on Automatic Control</i> , 2011 , 56, 2230-2235	5.9	110
327	Adaptive Dynamic Programming for a Class of Complex-Valued Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2014 , 25, 1733-1739	10.3	106
326	Consensus-Based Distributed Control for Accurate Reactive, Harmonic, and Imbalance Power Sharing in Microgrids. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 2453-2467	10.7	104
325	Robust stability analysis for interval cohen-grossberg neural networks with unknown time-varying delays. <i>IEEE Transactions on Neural Networks</i> , 2008 , 19, 1942-55		101
324	Data-core-based fuzzy min-max neural network for pattern classification. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 2339-52		100
323	Event-Triggered-Based Distributed Cooperative Energy Management for Multienergy Systems. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 2008-2022	11.9	91
322	Robust Exponential Stability of Recurrent Neural Networks With Multiple Time-Varying Delays. <i>IEEE Transactions on Circuits and Systems Part 2: Express Briefs</i> , 2007 , 54, 730-734		91
321	A Novel Energy Function-Based Stability Evaluation and Nonlinear Control Approach for Energy Internet. <i>IEEE Transactions on Smart Grid</i> , 2017 , 8, 1195-1210	10.7	88
320	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> , 2018 , 6, 1-16	4	88
319	Optimal Output Regulation for Heterogeneous Multiagent Systems via Adaptive Dynamic Programming. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017 , 28, 18-29	10.3	86
318	Fault Estimation and Fault-Tolerant Control for Switched Fuzzy Stochastic Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 2993-3003	8.3	83
317	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> , 2010 , 40, 1480-91		80

316	A Small-Sample Wind Turbine Fault Detection Method With Synthetic Fault Data Using Generative Adversarial Nets. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 3877-3888	11.9	70
315	Online optimal tracking control of continuous-time linear systems with unknown dynamics by using adaptive dynamic programming. <i>International Journal of Control</i> , 2014 , 87, 1000-1009	1.5	67
314	Real-Time Energy Management of a Microgrid Using Deep Reinforcement Learning. <i>Energies</i> , 2019 , 12, 2291	3.1	66
313	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> , 2016 , 46, 611-622	7.3	65
312	Robust state/fault estimation and fault tolerant control for T _B fuzzy systems with sensor and actuator faults. <i>Journal of the Franklin Institute</i> , 2016 , 353, 615-641	4	64
311	An Estimation Method of Defect Size From MFL Image Using Visual Transformation Convolutional Neural Network. <i>IEEE Transactions on Industrial Informatics</i> , 2019 , 15, 213-224	11.9	62
310	Observer-Based Finite-Time Adaptive Fuzzy Control for Nontriangular Nonlinear Systems With Full-State Constraints. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 1110-1120	10.2	61
309	. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 2401-2415	8.3	59
308	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> , 2020 , 31, 4816-4830	10.3	58
307	Discrete-Time Nonzero-Sum Games for Multiplayer Using Policy-Iteration-Based Adaptive Dynamic Programming Algorithms. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 3331-3340	10.2	58
306	Coordinated Control Strategy of Battery Energy Storage System and PMSG-WTG to Enhance System Frequency Regulation Capability. <i>IEEE Transactions on Sustainable Energy</i> , 2017 , 8, 1330-1343	8.2	57
305	Consensus-Based Distributed Economic Dispatch Control Method in Power Systems. <i>IEEE Transactions on Smart Grid</i> , 2019 , 10, 941-954	10.7	57
304	Distributed Optimal Economic Dispatch for Microgrids Considering Communication Delays. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1634-1642	7.3	54
303	Event-Based Distributed Active Power Sharing Control for Interconnected AC and DC Microgrids. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 6815-6828	10.7	50
302	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> , 2018 , 54, 1047-1061	4.3	49
301	Dissipativity Analysis and Synthesis for a Class of T _B Fuzzy Descriptor Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1774-1784	7.3	46
300	Disturbance observer based fault estimation and dynamic output feedback fault tolerant control for fuzzy systems with local nonlinear models. <i>ISA Transactions</i> , 2015 , 59, 114-24	5.5	46
299	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> , 2016 , 13, 122-133	4.9	46

298	Robust Fault Detection for Switched Fuzzy Systems With Unknown Input. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 3056-3066	10.2	44
297	TIFIM: A Two-stage Iterative Framework for Influence Maximization in Social Networks. <i>Applied Mathematics and Computation</i> , 2019 , 354, 338-352	2.7	43
296	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> , 2014 , 29, 1082-1093	7.2	43
295	Analysis and Implementation of A Passive Lossless Soft-Switching Snubber for PWM Inverters. <i>IEEE Transactions on Power Electronics</i> , 2011 , 26, 411-426	7.2	41
294	Bipartite Fixed-Time Output Consensus of Heterogeneous Linear Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 548-557	10.2	40
293	Finite-Time Stabilization for Discontinuous Interconnected Delayed Systems via Interval Type-2 TB Fuzzy Model Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 249-261	8.3	39
292	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> , 2020 , 50, 4135-4150	7.3	39
291	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> , 2017 , 28, 2626-2637	10.3	38
290	Novel Switching Jumps Dependent Exponential Synchronization Criteria for Memristor-Based Neural Networks. <i>Neural Processing Letters</i> , 2017 , 45, 15-28	2.4	37
289	Iterative ADP learning algorithms for discrete-time multi-player games. <i>Artificial Intelligence Review</i> , 2018 , 50, 75-91	9.7	37
288	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> , 2018 , 29, 1239-1251	10.3	37
287	H state estimation for memristive neural networks with time-varying delays: The discrete-time case. <i>Neural Networks</i> , 2016 , 84, 47-56	9.1	37
286	Hybrid Fuzzy Adaptive Fault-Tolerant Control for a Class of Uncertain Nonlinear Systems With Unmeasured States. <i>IEEE Transactions on Fuzzy Systems</i> , 2017 , 25, 1041-1050	8.3	37
285	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> , 2019 , 27, 1986-1998	8.3	37
284	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> , 2009 , 56, 250-254	3.5	36
283	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> , 2019 , 49, 579-588	7.3	36
282	Delay-Dependent Globally Exponential Stability Criteria for Static Neural Networks: An LMI Approach. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2009 , 56, 605-609	3.5	35
281	H Consensus for Linear Heterogeneous Multiagent Systems Based on Event-Triggered Output Feedback Control Scheme. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2268-2279	10.2	35

280	Sensor Fault Estimation of Switched Fuzzy Systems With Unknown Input. <i>IEEE Transactions on Fuzzy Systems</i> , 2017 , 1-1	8.3	34
279	Command Filter Based Adaptive Fuzzy Finite-Time Control for a Class of Uncertain Nonlinear Systems With Hysteresis. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	34
278	Quick Reconstruction of Arbitrary Pipeline Defect Profiles From MFL Measurements Employing Modified Harmony Search Algorithm. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2018 , 67, 2200-2213	5.2	34
277	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> , 2020 , 50, 3169-3180	7.3	34
276	Homogenous polynomially parameter-dependent H _∞ filter designs of discrete-time fuzzy systems. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2011 , 41, 1313-22		33
275	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> , 2021 , 51, 2173-2186	7.3	31
274	Dynamic output feedback-based fault-tolerant control design for T-S fuzzy systems with model uncertainties. <i>ISA Transactions</i> , 2018 , 81, 32-45	5.5	30
273	H _∞ control with constrained input for completely unknown nonlinear systems using data-driven reinforcement learning method. <i>Neurocomputing</i> , 2017 , 237, 226-234	5.4	29
272	Robust non-fragile proportional plus derivative state feedback control for a class of uncertain Takagi-Sugeno fuzzy singular systems. <i>Journal of the Franklin Institute</i> , 2019 , 356, 6208-6225	4	29
271	Adaptive synchronization of an uncertain coupling complex network with time-delay. <i>Nonlinear Dynamics</i> , 2014 , 77, 643-653	5	29
270	Multiscale Adaptive Fault Diagnosis Based on Signal Symmetry Reconstitution Preprocessing for Microgrid Inverter Under Changing Load Condition. <i>IEEE Transactions on Smart Grid</i> , 2018 , 9, 797-806	10.7	28
269	A framework of robust fault estimation observer design for continuous-time/discrete-time systems. <i>Optimal Control Applications and Methods</i> , 2013 , 34, 442-457	1.7	28
268	Improved Robust Stability Criteria for Delayed Cellular Neural Networks via the LMI Approach. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2010 , 57, 41-45	3.5	28
267	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> , 2016 , 10, 700-710	2.5	28
266	CHAOTIFYING FUZZY HYPERBOLIC MODEL USING ADAPTIVE INVERSE OPTIMAL CONTROL APPROACH. <i>International Journal of Bifurcation and Chaos in Applied Sciences and Engineering</i> , 2004 , 14, 3505-3517	2	27
265	Distributed cooperative output regulation of heterogeneous linear multi-agent systems based on event- and self-triggered control with undirected topology. <i>ISA Transactions</i> , 2020 , 99, 191-198	5.5	27
264	Prediction and identification of discrete-time dynamic nonlinear systems based on adaptive echo state network. <i>Neural Networks</i> , 2019 , 113, 11-19	9.1	25
263	Fault tolerant synchronization for a class of complex interconnected neural networks with delay. <i>International Journal of Adaptive Control and Signal Processing</i> , 2014 , 28, 859-881	2.8	25

262	Stability analysis on a class of nonlinear fractional-order systems. <i>Nonlinear Dynamics</i> , 2016 , 86, 1023-1033	3.3	25
261	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> , 2014 , 28, 798-811	2.8	24
260	Event-based H _∞ consensus control for second-order leader-following multi-agent systems. <i>Journal of the Franklin Institute</i> , 2016 , 353, 5081-5098	4	24
259	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> , 2018 , 67, 516-526	5.2	23
258	Induction Motors Fault Diagnosis Using Finite Element Method: A Review. <i>IEEE Transactions on Industry Applications</i> , 2020 , 56, 1205-1217	4.3	23
257	A Fuzzy Adaptive Tracking Control for MIMO Switched Uncertain Nonlinear Systems in Strict-Feedback Form. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 2443-2452	8.3	23
256	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> , 2014 , 29, 1103-1117	7.2	22
255	Wirtinger-based multiple integral inequality for stability of time-delay systems. <i>International Journal of Control</i> , 2018 , 91, 12-18	1.5	21
254	Anti-disturbance control for nonlinear system via adaptive disturbance observer. <i>International Journal of Robust and Nonlinear Control</i> , 2017 , 27, 2121-2144	3.6	21
253	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> , 2016 , 26, 125-142	3.6	20
252	Adaptive dynamic surface error constrained control for MIMO systems with backlash-like hysteresis via prediction error technique. <i>Nonlinear Dynamics</i> , 2016 , 84, 1989-2002	5	20
251	Leader-Following Consensus for a Class of Nonlinear Multiagent Systems Under Event-Triggered and Edge-Event Triggered Mechanisms. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	20
250	Dissipativity-Based Fault Detection for Uncertain Switched Fuzzy Systems With Unmeasurable Premise Variables. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 2421-2432	8.3	20
249	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> , 2017 , 31, 1567-1583	2.8	19
248	Finite horizon optimal control of non-linear discrete-time switched systems using adaptive dynamic programming with \mathbb{L}_∞ error bound. <i>International Journal of Systems Science</i> , 2014 , 45, 1683-1693	2.3	19
247	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> , 2020 , 50, 4086-4096	7.3	19
246	Leader-follower consensus control for linear multi-agent systems by fully distributed edge-event-triggered adaptive strategies. <i>Information Sciences</i> , 2021 , 555, 314-338	7.7	19
245	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> , 2020 , 31, 4254-4266	10.3	18

244	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> , 2020 , 1-14	7.3	18
243	. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 3191-3205	8.3	18
242	An SOS-Based Observer Design for Discrete-Time Polynomial Fuzzy Systems. <i>International Journal of Fuzzy Systems</i> , 2015 , 17, 94-104	3.6	17
241	Data-driven adaptive dynamic programming schemes for non-zero-sum games of unknown discrete-time nonlinear systems. <i>Neurocomputing</i> , 2018 , 275, 649-658	5.4	17
240	Delay-dependent resilient-robust stabilisation of uncertain networked control systems with variable sampling intervals. <i>International Journal of Systems Science</i> , 2014 , 45, 497-508	2.3	17
239	Synchronization Criteria for an Array of Neutral-Type Neural Networks with Hybrid Coupling: A Novel Analysis Approach. <i>Neural Processing Letters</i> , 2012 , 35, 29-45	2.4	17
238	Infinite horizon optimal control of affine nonlinear discrete switched systems using two-stage approximate dynamic programming. <i>International Journal of Systems Science</i> , 2012 , 43, 1673-1682	2.3	17
237	Integral reinforcement learning-based online adaptive event-triggered control for non-zero-sum games of partially unknown nonlinear systems. <i>Neurocomputing</i> , 2020 , 377, 243-255	5.4	17
236	A distributed Newton-Raphson-based coordination algorithm for multi-agent optimization with discrete-time communication. <i>Neural Computing and Applications</i> , 2020 , 32, 4649-4663	4.8	17
235	A t _n GAN-Based Leak Detection Method for Pipeline Network Considering Incomplete Sensor Data. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-10	5.2	17
234	A fuzzy adaptive tracking control for a class of uncertain strict-feedback nonlinear systems with dead-zone input. <i>Neurocomputing</i> , 2018 , 272, 130-135	5.4	16
233	Robust Fault Estimation and Accommodation for a Class of T _S Fuzzy Systems with Local Nonlinear Models. <i>Circuits, Systems, and Signal Processing</i> , 2016 , 35, 3506-3530	2.2	16
232	Synchronization criteria and pinning control for complex networks with multiple delays. <i>Neural Computing and Applications</i> , 2013 , 22, 151-159	4.8	16
231	Fault-Tolerant Control for Stochastic Switched IT2 Fuzzy Uncertain Time-Delayed Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	16
230	Adaptive neural dynamic surface control for a class of uncertain nonlinear systems with disturbances. <i>Neurocomputing</i> , 2015 , 165, 152-158	5.4	15
229	Distributed-observer-based cooperative control for synchronization of linear discrete-time multi-agent systems. <i>ISA Transactions</i> , 2015 , 59, 72-8	5.5	15
228	Echo State Network-Based Decentralized Control of Continuous-Time Nonlinear Large-Scale Interconnected Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-11	7.3	15
227	The finite-horizon optimal control for a class of time-delay affine nonlinear system. <i>Neural Computing and Applications</i> , 2013 , 22, 229-235	4.8	15

226	Cooperative Bipartite Containment Control for Multiagent Systems Based on Adaptive Distributed Observer. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	15
225	Bipartite output consensus of heterogeneous linear multi-agent systems by dynamic triggering observer. <i>ISA Transactions</i> , 2019 , 92, 14-22	5.5	14
224	Cooperative robust output regulation for heterogeneous second-order discrete-time multi-agent systems. <i>Neurocomputing</i> , 2015 , 162, 41-47	5.4	14
223	Novel Voltage Sag Protection Topology of Contactors for Uninterrupted Switching Capability. <i>IEEE Transactions on Industry Applications</i> , 2018 , 54, 3170-3178	4.3	14
222	Event-triggered control for a class of non-linear systems: an exponential approximation method. <i>IET Control Theory and Applications</i> , 2018 , 12, 1491-1496	2.5	14
221	Adaptive reconfigurable control of systems with time-varying delay against unknown actuator faults. <i>International Journal of Adaptive Control and Signal Processing</i> , 2014 , 28, 1206-1226	2.8	14
220	Pinning Synchronization for a General Complex Networks with Multiple Time-Varying Coupling Delays. <i>Neural Processing Letters</i> , 2012 , 35, 221-231	2.4	14
219	H _∞ Tracking Control of Discrete-Time System With Delays via Data-Based Adaptive Dynamic Programming. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 4078-4085	7.3	14
218	Online event-triggered adaptive critic design for non-zero-sum games of partially unknown networked systems. <i>Neurocomputing</i> , 2019 , 368, 84-98	5.4	13
217	Comprehensive frequency regulation scheme for permanent magnet synchronous generator-based wind turbine generation system. <i>IET Renewable Power Generation</i> , 2019 , 13, 234-244	2.9	13
216	An Iterative Stacking Method for Pipeline Defect Inversion With Complex MFL Signals. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2020 , 69, 3780-3788	5.2	13
215	Nearly data-based optimal control for linear discrete model-free systems with delays via reinforcement learning. <i>International Journal of Systems Science</i> , 2016 , 47, 1563-1573	2.3	12
214	Model-free optimal controller design for continuous-time nonlinear systems by adaptive dynamic programming based on a precompensator. <i>ISA Transactions</i> , 2015 , 57, 63-70	5.5	12
213	Optimal tracking control of a class of nonlinear discrete-time switched systems using adaptive dynamic programming. <i>Neural Computing and Applications</i> , 2014 , 24, 531-538	4.8	12
212	Distributed bipartite leader-following consensus of linear multi-agent systems with input time delay based on event-triggered transmission mechanism. <i>ISA Transactions</i> , 2020 , 100, 221-234	5.5	12
211	Adaptive Dynamics Programming for H _∞ Control of Continuous-Time Unknown Nonlinear Systems via Generalized Fuzzy Hyperbolic Models. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 3996-4008	7.3	12
210	Event-triggered Adaptive Tracking Control for Random Systems with Coexisting Parametric Uncertainties and Severe Nonlinearities. <i>IEEE Transactions on Automatic Control</i> , 2021 , 1-1	5.9	12
209	Event-Triggered Control of Nonlinear Discrete-Time System With Unknown Dynamics Based on HDP. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	12

208	Fuzzy Adaptive Observer-Based Fault and Disturbance Reconstructions for T-S Fuzzy Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	12
207	Basins of coexisting multi-dimensional tori in a vibro-impact system. <i>Nonlinear Dynamics</i> , 2015 , 79, 2177-2185	3	11
206	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> , 2017 , 11, 1534-1544	2.9	11
205	Chaotic Dynamics in Smart Grid and Suppression Scheme via Generalized Fuzzy Hyperbolic Model. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-7	1.1	11
204	Exponential synchronization of stochastic chaotic neural networks with mixed time delays and Markovian switching. <i>Neural Computing and Applications</i> , 2014 , 25, 429-442	4.8	11
203	A New Approach to Solve a Class of Continuous-Time Nonlinear Quadratic Zero-Sum Game Using ADP 2008 ,		11
202	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> , 2020 , 1-11	4.9	11
201	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> , 2020 , 28, 1679-1693	8.3	11
200	Discrete-Time Non-Zero-Sum Games With Completely Unknown Dynamics. <i>IEEE Transactions on Cybernetics</i> , 2021 , 51, 2929-2943	10.2	11
199	Robust synchronization analysis for static delayed neural networks with nonlinear hybrid coupling. <i>Neural Computing and Applications</i> , 2014 , 25, 839-848	4.8	10
198	A new result for projection neural networks to solve linear variational inequalities and related optimization problems. <i>Neural Computing and Applications</i> , 2013 , 23, 357-362	4.8	10
197	New global synchronization analysis for complex networks with coupling delay based on a useful inequality. <i>Neural Computing and Applications</i> , 2013 , 22, 205-210	4.8	10
196	Neural-network-based reinforcement learning controller for nonlinear systems with non-symmetric dead-zone inputs 2009 ,		10
195	New delay-dependent criterion for the stability of recurrent neural networks with time-varying delay. <i>Science in China Series F: Information Sciences</i> , 2009 , 52, 942-948		10
194	Data-based adaptive critic design for discrete-time zero-sum games using output feedback 2011 ,		10
193	Novel compensation-based non-fragile H _∞ control for uncertain neutral systems with time-varying delays. <i>International Journal of Systems Science</i> , 2012 , 43, 961-971	2.3	10
192	Adaptive Fuzzy Containment Control for Multi-Agent Systems with State Constraints Using Unified Transformation Functions. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	10
191	Hierarchical Pressure Data Recovery for Pipeline Network via Generative Adversarial Networks. <i>IEEE Transactions on Automation Science and Engineering</i> , 2021 , 1-11	4.9	10

190	Multiple Wada basins with common boundaries in nonlinear driven oscillators. <i>Nonlinear Dynamics</i> , 2015 , 79, 2667-2674	5	9
189	Distributed Optimal Energy Management for Microgrids in the Presence of Time-Varying Communication Delays. <i>IEEE Access</i> , 2019 , 7, 83702-83712	3.5	9
188	Fixed-time time-varying formation tracking for nonlinear multi-agent systems under event-triggered mechanism. <i>Information Sciences</i> , 2021 , 564, 45-70	7.7	9
187	RDCL three-phase inverter and load adaptive commutation control. <i>IET Power Electronics</i> , 2019 , 12, 505-514	5.14	9
186	Fuzzy adaptive dynamic programming-based optimal leader-following consensus for heterogeneous nonlinear multi-agent systems. <i>Neural Computing and Applications</i> , 2020 , 32, 8763-8781	4.8	9
185	Opinion Maximization Through Unknown Influence Power in Social Networks Under Weighted Voter Model. <i>IEEE Systems Journal</i> , 2020 , 14, 1874-1885	4.3	9
184	Metamorphoses of basin boundaries with complex topology in an archetypal oscillator. <i>Nonlinear Dynamics</i> , 2015 , 79, 2309-2323	5	8
183	Robust fault diagnosis for a class of nonlinear systems. <i>Journal of Control Theory and Applications</i> , 2006 , 4, 245-251		8
182	Finite-time time-varying output formation-tracking of heterogeneous linear multi-agent systems. <i>Journal of the Franklin Institute</i> , 2020 , 357, 926-941	4	8
181	Cooperative output regulation of heterogeneous linear multi-agent systems via fully distributed event-triggered adaptive control. <i>Neurocomputing</i> , 2020 , 393, 38-45	5.4	8
180	The Decoupling Cooperative Control With Dominant Poles Assignment. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-9	7.3	8
179	Fixed-time leader-following/containment consensus for a class of nonlinear multi-agent systems. <i>Information Sciences</i> , 2021 , 555, 58-84	7.7	8
178	Near-optimal output tracking controller design for nonlinear systems using an event-driven ADP approach. <i>Neurocomputing</i> , 2018 , 309, 168-178	5.4	8
177	Finite-horizon optimal control of unknown nonlinear time-delay systems. <i>Neurocomputing</i> , 2017 , 238, 277-285	5.4	7
176	Proportional plus derivative state feedback controller design for a class of fuzzy descriptor systems. <i>International Journal of Systems Science</i> , 2019 , 50, 2249-2260	2.3	7
175	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> , 2020 , 30, 3382-3410	3.6	7
174	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> , 2018 , 30, 1733-1745	4.8	7
173	Output consensus of heterogeneous linear MASs by self-triggered MPC scheme. <i>Neurocomputing</i> , 2018 , 315, 476-485	5.4	7

172	Fixed-time leader-following/containment consensus of nonlinear multi-agent systems based on event-triggered mechanism. <i>Applied Mathematics and Computation</i> , 2021 , 396, 125881	2.7	7
171	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> , 2020 , 50, 1275-1285	7.3	7
170	Dissipativity-Based Fault-Tolerant Control for Stochastic Switched Systems With Time-Varying Delay and Uncertainties. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	7
169	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> , 2021 , PP,	10.3	7
168	A novel double-level observer-based fault estimation for Takagi-Sugeno fuzzy systems with unknown nonlinear dynamics. <i>Transactions of the Institute of Measurement and Control</i> , 2019 , 41, 3372-3384	1.8	6
167	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> , 2020 , 41, 748-764	1.7	6
166	The asymptotic analysis of multiple imaginary characteristic roots for LTI delayed systems based on Puiseux-Newton diagram. <i>International Journal of Systems Science</i> , 2014 , 45, 1145-1155	2.3	6
165	Robust fault detection filter design for a class of time-delay systems via equivalent transformation. <i>Journal of Control Theory and Applications</i> , 2013 , 11, 54-60		6
164	Robust adaptive fuzzy control scheme for nonlinear system with uncertainty. <i>Journal of Control Theory and Applications</i> , 2006 , 4, 209-216		6
163	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> , 2021 , 1-11	7.3	6
162	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> , 2021 , 68, 3326-3330	3.5	6
161	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> , 2021 , PP,	10.3	6
160	Semi-global leader-following output consensus for heterogeneous fractional-order multi-agent systems with input saturation via observer-based protocol. <i>Neurocomputing</i> , 2020 , 402, 298-306	5.4	5
159	Reduced-order observer-based robust leader-following control of heterogeneous discrete-time multi-agent systems with system uncertainties. <i>Applied Intelligence</i> , 2020 , 50, 1794-1812	4.9	5
158	Online reinforcement learning for a class of partially unknown continuous-time nonlinear systems via value iteration. <i>Optimal Control Applications and Methods</i> , 2018 , 39, 1011-1028	1.7	5
157	Observer-based actuator fault estimation and proportional derivative fault tolerant control for continuous-time singular systems. <i>Optimal Control Applications and Methods</i> , 2019 , 40, 979-997	1.7	5
156	New less-conservative stability results for uncertain stochastic neural networks with fewer slack variables. <i>International Journal of Robust and Nonlinear Control</i> , 2013 , 23, 731-753	3.6	5
155	New results for neutral-type delayed projection neural network to solve linear variational inequalities. <i>Neural Computing and Applications</i> , 2013 , 23, 1753-1761	4.8	5

154	Further study on local stabilization of continuous-time nonlinear systems presented as Takagi-Sugeno fuzzy model. <i>Journal of Intelligent and Fuzzy Systems</i> , 2015 , 29, 283-292	1.6	5
153	Optimal Wind Turbines Micrositing in Onshore Wind Farms Using Fuzzy Genetic Algorithm. <i>Mathematical Problems in Engineering</i> , 2015 , 2015, 1-9	1.1	5
152	Multistability and enlarged basins of attraction in bidirectional associative memory neural networks 2010 ,		5
151	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> , 2009 , 5, 507-507	11.9	5
150	Generalized Homogeneous Multivariate Matrix Pad $\hat{\epsilon}$ Type Approximants and Pad $\hat{\epsilon}$ Approximants. <i>IEEE Transactions on Automatic Control</i> , 2007 , 52, 2160-2165	5.9	5
149	TBDA-Net: A Task-based Bias Domain Adaptation Network under Industrial Small Samples. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1	11.9	5
148	A Multi-Sensor Cycle-Supervised Convolutional Neural Networks for Anomaly Detection on Magnetic Flux Leakage Signals. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1	11.9	5
147	Eventself-triggered leader-following consensus of multi-agent systems with general dynamics. <i>IET Control Theory and Applications</i> , 2020 , 14, 1209-1219	2.5	5
146	Guaranteed-performance consensus for descriptor nonlinear multi-agent systems based on distributed nonlinear consensus protocol. <i>Neurocomputing</i> , 2020 , 383, 359-367	5.4	5
145	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> , 2020 , 32, 15573-15584	4.8	5
144	Adaptive fault-tolerant time-varying formation tracking for multiagent systems with multiple leaders. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 1807-1822	3.6	5
143	Adaptive Fuzzy Prescribed Finite-Time Tracking Control for Nonlinear System with Unknown Control Directions. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	5
142	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> , 2021 , PP,	10.3	5
141	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> , 2021 , 1-1	8.3	5
140	Speed Control of Pipeline Inner Detector Based on Interval Dynamic Matrix Control With Additional Margin. <i>IEEE Transactions on Industrial Electronics</i> , 2021 , 68, 12657-12667	8.9	5
139	Static output feedback stabilization for systems with time-varying delay based on a matrix transformation method. <i>Science China Information Sciences</i> , 2015 , 58, 1-13	3.4	4
138	Containment control for singular multi-agent systems with an internal model compensator. <i>Science China Information Sciences</i> , 2020 , 63, 1	3.4	4
137	Consensus conditions for higher-order descriptor multi-agent systems with communication time-delays. <i>Transactions of the Institute of Measurement and Control</i> , 2020 , 42, 2127-2136	1.8	4

136	New delay-dependent stability criteria for cohen-grossberg neural networks with multiple time-varying mixed delays. <i>Soft Computing</i> , 2013 , 17, 2043-2052	3.5	4
135	Global stability analysis of multitime-scale neural networks. <i>Neural Computing and Applications</i> , 2013 , 22, 211-217	4.8	4
134	Robust adaptive control for interval time-delay systems. <i>Journal of Control Theory and Applications</i> , 2006 , 4, 367-371		4
133	Topology Prediction and Structural Controllability Analysis of Complex Networks Without Connection Information. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-13	7.3	4
132	Stability and Stabilization of T _B Fuzzy Time-Delay System via Relaxed Integral Inequality and Dynamic Delay Partition. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	4
131	A new method of fault estimation and tolerant control for fuzzy systems against time-varying delay. <i>Nonlinear Analysis: Hybrid Systems</i> , 2020 , 38, 100942	4.5	4
130	Multiple Delay-Dependent Robust H_{∞} Finite-Time Filtering for Uncertain Ito Stochastic Takagi-Sugeno Fuzzy Semi-Markovian Jump Systems with State Constraints. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	4
129	Distributed Bipartite Adaptive Event-Triggered Fault-Tolerant Consensus Tracking for Linear Multiagent Systems Under Actuator Faults. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	4
128	Cooperative Bipartite Containment Control for Heterogeneous Networks With Structurally Balanced Graph. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 68, 2885-2889	3.5	4
127	Time-varying output formation-containment control for homogeneous/heterogeneous descriptor fractional-order multi-agent systems. <i>Information Sciences</i> , 2021 , 567, 146-166	7.7	4
126	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> , 2021 , PP,	10.2	4
125	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> , 2021 , 31, 1375-1394	3.6	4
124	Synchronization analysis for coupled static neural networks with stochastic disturbance and interval time-varying delay. <i>Neural Computing and Applications</i> , 2018 , 30, 1123-1132	4.8	3
123	An adaptive approach for handling two-dimension influence maximization in social networks. <i>International Journal of Communication Systems</i> , 2018 , 31, e3780	1.7	3
122	Research on Identification Process of Nonlinear System Based on An Improved Recursive Least Squares Algorithm 2019 ,		3
121	Extracting defect signal from the MFL signal of seamless pipeline 2017 ,		3
120	Adaptive dynamic programming for discrete-time LQR optimal tracking control problems with unknown dynamics 2014 ,		3
119	State estimation for discrete-time markov jump linear systems based on orthogonal projective theorem. <i>International Journal of Control, Automation and Systems</i> , 2012 , 10, 1049-1054	2.9	3

118	Iteration algorithm for solving the optimal strategies of a class of nonaffine nonlinear quadratic zero-sum games 2010 ,		3
117	Near-optimal control laws based on Heuristic Dynamic Programming iteration algorithm 2010 ,		3
116	On state estimation of discrete-time Markov jump linear systems 2009 ,		3
115	Design of a bilinear fault detection observer for singular bilinear systems. <i>Journal of Control Theory and Applications</i> , 2007 , 5, 28-36		3
114	Spinning Reserve from Responsive Load via Intelligent Energy Management Network		3
113	Generalized Multivariate Rectangular Matrix Padé Type Approximants. <i>IEEE Transactions on Circuits and Systems Part 1: Regular Papers</i> , 2007 , 54, 2099-2105		3
112	Fuzzy Neural Networks Adaptive Control of Micro Gas Turbine with Prediction Model		3
111	Robust Adaptive Fuzzy Output Control for Nonlinear Uncertain Systems		3
110	Neurodynamic Programming and Tracking Control for Nonlinear Stochastic Systems by PI Algorithm. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	3
109	Observer and fault-tolerant controller design for discrete-time multiple state-delayed TS fuzzy systems. <i>IET Control Theory and Applications</i> , 2020 , 14, 1411-1423	2.5	3
108	Distributed edge-event triggered consensus control for multi-agent systems by edge-based asynchronous communications. <i>Applied Mathematics and Computation</i> , 2021 , 397, 125920	2.7	3
107	A variable step-size P&O method in the application of MPPT control for a PV system 2016 ,		3
106	Coordinated optimization control strategy for we-energy in energy internet 2016 ,		3
105	An SOS-Based Sliding Mode Controller Design for a Class of Polynomial Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 749-759	8.3	3
104	Critic-only adaptive dynamic programming algorithms applications to the secure control of cyber-physical systems. <i>ISA Transactions</i> , 2020 , 104, 138-144	5.5	3
103	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> , 2021 , 1-1	3.5	3
102	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> , 2022 , 1-9	7.3	3
101	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> , 2022 , 1-12	7.3	3

100	An effective scheme to address influence maximization for opinion formation in social networks. <i>Transactions on Emerging Telecommunications Technologies</i> , 2019 , 30, e3599	1.9	2
99	Synchronization in complex dynamical networks based on the feedback of scalar signals. <i>Neural Computing and Applications</i> , 2013 , 23, 683-689	4.8	2
98	Construction of energy hub model and optimal scheduling of energy internet 2017 ,		2
97	Discrimination and compensation of abnormal values of magnetic flux leakage in oil pipeline based on BP neural network 2017 ,		2
96	Optimal robust non-fragile H _∞ control for networked control systems with uncertain time-delays 2014 ,		2
95	On designing memory state feedback controller for linear systems with interval time-varying delay. <i>Journal of Control Theory and Applications</i> , 2010 , 8, 479-484		2
94	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> , 2021 , 1-10	7.3	2
93	Bipartite Formation Tracking for Multi-Agent Systems using Fully Distributed Dynamic Edge-Event-Triggered Protocol. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2022 , 1-7	7	2
92	Negative Pressure Wave Based Method for Abnormal Signal Location in Energy Transportation System. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022 , 1-1	5.2	2
91	Multi-Channel Spatio-Temporal Feature Fusion Method for NILM. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1	11.9	2
90	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> , 2021 , 1-10	7.3	2
89	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> , 2022 , 1-1	5.6	2
88	Privacy-Preserving Sliding Mode Control for Voltage Restoration of AC Microgrids Based on Output Mask Approach. <i>IEEE Transactions on Industrial Informatics</i> , 2022 , 1-1	11.9	2
87	Online Dual-Network-Based Adaptive Dynamic Programming for Solving Partially Unknown Multi-Player Non-Zero-Sum Games With Control Constraints. <i>IEEE Access</i> , 2020 , 8, 182295-182306	3.5	2
86	Graph-Based Semi-Supervised Learning for Induction Motors Single- and Multi-Fault Diagnosis Using Stator Current Signal 2020 ,		2
85	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> , 2020 , 1-14	7.3	2
84	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> , 2021 , 31, 5165-5187	3.6	2
83	Fixed-time cooperative control for robotic manipulators with motion constraints using unified transformation function. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 6826-6844	3.6	2

82	MFL Data Feature Extraction based on KPCA-BOMW Model 2019 ,		2
81	New stochastic synchronization criteria for fuzzy Markovian hybrid neural networks with random coupling strengths. <i>Neural Computing and Applications</i> , 2019 , 31, 825-843	4.8	2
80	Semi-global bipartite output consensus of heterogeneous multi-agent systems subject to input saturation by finite-time observer. <i>Asian Journal of Control</i> , 2020 , 22, 1639-1648	1.7	2
79	A novel framework of fuzzy oblique decision tree construction for pattern classification. <i>Applied Intelligence</i> , 2020 , 50, 2959-2975	4.9	2
78	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> , 2021 , 51, 265-282	4.9	2
77	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> , 2021 , 1-13	4.9	2
76	The Bipartite Edge-Based Event-Triggered Output Tracking of Heterogeneous Linear Multiagent Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	2
75	A KNN-SVR Data Mending Method for Insufficient Data of Magnetic Flux Leakage Detection 2018 ,		2
74	Online event-based adaptive critic design with experience replay to solve partially unknown multi-player nonzero-sum games. <i>Neurocomputing</i> , 2021 , 458, 219-231	5.4	2
73	Reinforcement Learning-Based Rumor Blocking Approach in Directed Social Networks. <i>IEEE Systems Journal</i> , 2022 , 1-11	4.3	2
72	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> , 2022 , 1-1	4.9	2
71	On \mathbb{B} -decomposition frequency-sweeping strategy to rational-order fractional systems with commensurate delays. <i>IET Control Theory and Applications</i> , 2015 , 9, 723-728	2.5	1
70	Absolute stabilization of singular systems with ferromagnetic hysteresis nonlinearity. <i>Science China Information Sciences</i> , 2013 , 56, 1-14	3.4	1
69	Passivity-based decentralized stabilization of multi-agent systems with uncertainty and mixed delays. <i>Journal of Control Theory and Applications</i> , 2013 , 11, 579-585		1
68	Stability analysis of singular networked control system with long time delay and data packet dropout 2013 ,		1
67	Constrained robust optimal sliding mode control for uncertain nonlinear systems using ADP approach 2017 ,		1
66	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> , 2017 , 28, 2479-2489	10.3	1
65	Distributed optimization-based power trade strategy for we-energy in energy internet 2017 ,		1

64	Fault estimation based on Kalman filtering for Takagi-Sugeno fuzzy systems 2017 ,		1
63	Dynamical stability analysis of delayed recurrent neural networks with ring structure. <i>International Journal of Modern Physics B</i> , 2014 , 28, 1450118	1.1	1
62	Neural network-based near-optimal control for nonlinear discrete-time zero-sum differential games associated with the H _∞ control problem 2014 ,		1
61	Wada basin boundaries in switched systems. <i>Nonlinear Dynamics</i> , 2014 , 76, 281-288	5	1
60	Data-Driven Fault Supervisory Control Theory and Applications. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-2	1.1	1
59	Adaptive critic design based robust neural network control for a class of continuous-time nonaffine nonlinear system 2011 ,		1
58	A novel suboptimal algorithm for state estimation of Markov jump linear systems. <i>Journal of Control Theory and Applications</i> , 2011 , 9, 148-154		1
57	A new delayed projection neural network for solving quadratic programming problems 2010 ,		1
56	DIGITAL STREAM CIPHER BASED ON SCS-PRBG. <i>International Journal of Modern Physics B</i> , 2009 , 23, 5085-5092	1.1	1
55	Energy Shaping Repetitive Control (ESRC) for Three-Phase Three-Wire Shunt Active Power Filter 2009 ,		1
54	TWO ADAPTIVE SYNCHRONIZATION METHODS OF UNCERTAIN CHEN SYSTEM. <i>International Journal of Modern Physics B</i> , 2009 , 23, 5163-5169	1.1	1
53	Constrained optimal control of affine nonlinear discrete-time systems using GHJB method 2009 ,		1
52	Delay dependent stability criteria for recurrent neural networks with time varying delays. <i>Journal of Control Theory and Applications</i> , 2009 , 7, 9-13		1
51	T-S fuzzy modeling and control for a class of chaotic (hyperchaotic) systems with uncertain parameters 2008 ,		1
50	The multi-objective coordinated control of excitation and ASVG of SMIB system based on hamiltonian principle 2008 ,		1
49	Analysis for Cohen-Grossberg neural networks with multiple delays. <i>Journal of Control Theory and Applications</i> , 2006 , 4, 392-396		1
48	Output Feedback Control for Chaotic System via Generalized Fuzzy Hyperbolic Model 2006 ,		1
47	Robust H Infinity Control for Fuzzy Descriptor Systems with Time-Varying Delay and Parameter Uncertainties 2007 ,		1

46	A self-organizing neural network approach for the identification of motifs with insertions and deletions in protein sequences		1
45	Controller Design for a Class of Nonlinear Systems Based on Fuzzy Hyperbolic Model 2006 ,		1
44	Applications of fuzzy decision-making in pipeline leak localization		1
43	Chaotification of nonlinear systems described by the fuzzy hyperbolic model		1
42	Gradient-based methods for simultaneous blind separation of mixed source signals		1
41	Energy-Management Strategy of Battery Energy Storage Systems in DC Microgrids: A Distributed Dynamic Event-Triggered H_{∞} Consensus Control. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-10	7.3	1
40	Reinforcement Learning based Dynamic Opinion Maximization Framework in Signed Social Networks. <i>IEEE Transactions on Cognitive and Developmental Systems</i> , 2022 , 1-1	3	1
39	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> , 2022 , 1-1	2	1
38	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> , 2022 , 1-1	3.5	1
37	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> , 2021 , 1-1	3.5	1
36	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> , 2021 , 1-10	3.9	1
35	Axiomatic fuzzy set theory-based fuzzy oblique decision tree with dynamic mining fuzzy rules. <i>Neural Computing and Applications</i> , 2020 , 32, 11621-11636	4.8	1
34	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> , 2020 , 30, 6761-6781	3.6	1
33	Distributed fault-tolerant output regulation for heterogeneous linear multi-agent systems under actuator faults. <i>Journal of the Franklin Institute</i> , 2021 , 358, 3303-3331	4	1
32	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> , 2020 , 41, 1233-1250	1.7	1
31	Reliable H_{∞} -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> , 2021 , 33, 1343-1365	4.8	1
30	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> , 2021 , PP,	10.3	1
29	. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5	1

28	A Data-Driven Interpretable Method Based on Reversely Built FIS and Its Applications in Measurement. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2021 , 70, 1-10	5.2	1
27	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> , 2021 , 1-13	7.3	1
26	Optimal tracking control of switched systems applied in grid-connected hybrid generation using reinforcement learning. <i>Neural Computing and Applications</i> , 2021 , 33, 9363-9374	4.8	1
25	Stability and L 1-Gain Analysis for Switched Positive TS Fuzzy Systems with Time-Varying Delay. <i>International Journal of Fuzzy Systems</i> , 2018 , 20, 380-389	3.6	1
24	H ∞ distributed frequency control with unknown communication delays and parametric uncertainties. <i>International Transactions on Electrical Energy Systems</i> , e13082	2.2	1
23	L 2 -gain robust trajectory tracking control for quadrotor UAV with unknown disturbance. <i>Asian Journal of Control</i> ,	1.7	1
22	Adaptive synchronization of different kinds of chaotic neural networks. <i>Journal of Control Theory and Applications</i> , 2008 , 6, 201-207		0
21	Observer-based adaptive control and faults estimation for T-S fuzzy singular fractional order systems. <i>Neural Computing and Applications</i> , 2022 , 34, 4265	4.8	0
20	Robust reliable H ∞ optimization control for uncertain discrete-time Takagi-Sugeno fuzzy systems with time-varying delay. <i>Optimal Control Applications and Methods</i> , 2021 , 42, 848-876	1.7	0
19	Multiple delay-dependent H ∞ 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> , 2021 , 52, 57-85	2.3	0
18	Integrated design of robust fault estimation and fault-tolerant control against simultaneous actuator and sensor faults. <i>Asian Journal of Control</i> , 2021 , 23, 341-350	1.7	0
17	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> , 2022 , 1-1	3.5	0
16	A Design Framework of Nonlinear H ∞ PD Observer for One-Sided Lipschitz Singular Systems With Disturbances. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5	0
15	A Topology-Reconfigurable LLC Resonant Converter for Wide Output Range Applications. <i>IEEE Transactions on Vehicular Technology</i> , 2022 , 1-1	6.8	0
14	Partial boundedness analysis: a state-space transformation method for reshaping the estimated domain of stability. <i>IET Control Theory and Applications</i> , 2016 , 10, 1307-1313	2.5	
13	New classification technique: fuzzy oblique decision tree. <i>Transactions of the Institute of Measurement and Control</i> , 2019 , 41, 2185-2195	1.8	
12	Design of bilinear observer for singular bilinear systems. <i>Journal of Control Theory and Applications</i> , 2006 , 4, 413-417		
11	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> , 2022 , 34, 4277	4.8	

10	Distributed Cooperative Output Regulation of Linear Heterogeneous Multi-Agent Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5
9	Event-driven adaptive distributed consensus for fuzzy fractional order multi-agent systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2021 , 1-1	3.5
8	Situation awareness method using spectral analysis of random matrix for integrated energy system. <i>ISA Transactions</i> , 2020 , 99, 240-251	5.5
7	Global synchronization of memristive hybrid neural networks via nonlinear coupling. <i>Neural Computing and Applications</i> , 2021 , 33, 2873-2887	4.8
6	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> , 2021 , 1-1	3.5
5	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> , 2022 , 1-12	3.9
4	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
3	Tracking Control of Discrete-Time System With Dynamic Event-Based Adaptive Dynamic Programming. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2022 , 1-1	3.5
2	A Defect Recognition Method for Low-quality Weld Image Based on Consistent Multi-scale Feature Mapping. <i>IEEE Transactions on Instrumentation and Measurement</i> , 2022 , 1-1	5.2
1	Adaptive containment control for fractional-order nonlinear multi-agent systems with time-varying parameters. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2022 , 1-12	7