Yan-Jun Liu

List of Publications by Year
in descending order

206 papers	17,062 citations	14655 66 h-index	14759 127 g-index
206 all docs	206 docs citations	206 times ranked	5504 citing authors

#	Article	IF	Citations
1	Time-Varying Optimal Formation Control for Second-Order Multiagent Systems Based on Neural Network Observer and Reinforcement Learning. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 3144-3155.	11.3	17
2	Adaptive Neural Network Control for a Class of Nonlinear Systems With Function Constraints on States. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2732-2741.	11.3	110
3	Adaptive Neural Consensus Tracking Control for Nonlinear Multiagent Systems Using Integral Barrier Lyapunov Functionals. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4544-4554.	11.3	17
4	Adaptive Output Feedback Fuzzy Fault-Tolerant Control for Nonlinear Full-State-Constrained Switched Systems. IEEE Transactions on Cybernetics, 2023, 53, 2325-2334.	9.5	5
5	Neural-Network-Based Adaptive Constrained Control for Switched Systems Under State-Dependent Switching Law. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4057-4067.	11.3	6
6	Performance Improvement of Active Suspension Constrained System via Neural Network Identification. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 7089-7098.	11.3	18
7	Adaptive NN Tracking Control for Uncertain MIMO Nonlinear System With Time-Varying State Constraints and Disturbances. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 7309-7323.	11.3	11
8	Integral BLF-Based Adaptive Neural Constrained Regulation for Switched Systems With Unknown Bounds on Control Gain. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 8579-8588.	11.3	4
9	Adaptive Fuzzy Tracking Control for Uncertain Nonlinear Systems With Multiple Actuators and Sensors Faults. IEEE Transactions on Fuzzy Systems, 2023, 31, 104-116.	9.8	18
10	Adaptive Fuzzy Finite-Time Tracking Control for Nonstrict Full States Constrained Nonlinear System With Coupled Dead-Zone Input. IEEE Transactions on Cybernetics, 2022, 52, 1138-1149.	9.5	20
11	Fully Adaptive-Gain-Based Intelligent Failure-Tolerant Control for Spacecraft Attitude Stabilization Under Actuator Saturation. IEEE Transactions on Cybernetics, 2022, 52, 344-356.	9.5	18
12	Event-Triggered Tracking Control for Active Seat Suspension Systems With Time-Varying Full-State Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 582-590.	9.3	35
13	IBLF-Based Adaptive Neural Control of State-Constrained Uncertain Stochastic Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 7345-7356.	11.3	35
14	Anti-Saturation-Based Adaptive Sliding-Mode Control for Active Suspension Systems With Time-Varying Vertical Displacement and Speed Constraints. IEEE Transactions on Cybernetics, 2022, 52, 6244-6254.	9.5	19
15	Intelligent Motion Tracking Control of Vehicle Suspension Systems With Constraints via Neural Performance Analysis. IEEE Transactions on Intelligent Transportation Systems, 2022, 23, 13896-13903.	8.0	10
16	Relative Threshold-Based Event-Triggered Control for Nonlinear Constrained Systems With Application to Aircraft Wing Rock Motion. IEEE Transactions on Industrial Informatics, 2022, 18, 911-921.	11.3	29
17	Observer-Based Neuro-Adaptive Optimized Control of Strict-Feedback Nonlinear Systems With State Constraints. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 3131-3145.	11.3	349
18	Active Suspension Control of Quarter-Car System With Experimental Validation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 4714-4726.	9.3	26

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19	Adaptive Finite-Time Neural Constrained Control for Nonlinear Active Suspension Systems Based on the Command Filter. IEEE Transactions on Artificial Intelligence, 2022, 3, 218-227.	4.7	5
20	Adaptive Fuzzy Output-Feedback Control for Switched Uncertain Nonlinear Systems With Full-State Constraints. IEEE Transactions on Cybernetics, 2022, 52, 7340-7351.	9.5	47
21	Adaptive distributed tracking control for non-affine multi-agent systems with state constraints and dead-zone input. Journal of the Franklin Institute, 2022, 359, 352-370.	3.4	14
22	PDE Based Adaptive Control of Flexible Riser System With Input Backlash and State Constraints. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 2193-2202.	5.4	11
23	Adaptive neural network output tracking control of uncertain switched nonlinear systems: An improved multiple Lyapunov function method. Information Sciences, 2022, 606, 380-396.	6.9	8
24	Adaptive Finite-Time Tracking Control for Continuous Stirred Tank Reactor With Time-Varying Output Constraint. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5929-5934.	9.3	14
25	Adaptive Finite-Time Neural Network Control of Nonlinear Systems With Multiple Objective Constraints and Application to Electromechanical System. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5416-5426.	11.3	62
26	Adaptive Output Feedback Tracking Control for a Class of Nonlinear Time-Varying State Constrained Systems With Fuzzy Dead-Zone Input. IEEE Transactions on Fuzzy Systems, 2021, 29, 1841-1852.	9.8	26
27	Adaptive Sliding Mode Control for Uncertain Active Suspension Systems With Prescribed Performance. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6414-6422.	9.3	43
28	Adaptive NN Cross Backstepping Control for Nonlinear Systems With Partial Time-Varying State Constraints and Its Applications to Hyper-Chaotic Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 2821-2832.	9.3	12
29	Neural network based adaptive event trigger control for a class of electromagnetic suspension systems. Control Engineering Practice, 2021, 106, 104675.	5.5	150
30	Fuzzy Observer Constraint Based on Adaptive Control for Uncertain Nonlinear MIMO Systems With Time-Varying State Constraints. IEEE Transactions on Cybernetics, 2021, 51, 1380-1389.	9.5	70
31	Adaptive Neural Control Using Tangent Time-Varying BLFs for a Class of Uncertain Stochastic Nonlinear Systems With Full State Constraints. IEEE Transactions on Cybernetics, 2021, 51, 1943-1953.	9.5	65
32	Adaptive Neural Network Control Design for Uncertain Nonstrict Feedback Nonlinear System With State Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3678-3686.	9.3	21
33	Adaptive Neural Network-Based Finite-Time Online Optimal Tracking Control of the Nonlinear System With Dead Zone. IEEE Transactions on Cybernetics, 2021, 51, 382-392.	9.5	69
34	Adaptive Intelligent Controller Design-Based ISS Modular Approach for Uncertain Nonlinear Systems With Time-Varying Full-State Constraints. IEEE Transactions on Artificial Intelligence, 2021, 2, 352-361.	4.7	7
35	Adaptive NN Control for Nonlinear Multi-Agent Systems With Unknown Control Direction and Full State Constraints. IEEE Access, 2021, 9, 24425-24432.	4.2	6
36	Adaptive fuzzy fault‐tolerant control of seat active suspension systems with actuator fault. IET Control Theory and Applications, 2021, 15, 1104-1114.	2.1	10

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37	Adaptive constraint control for flexible manipulator systems modeled by partial differential equations with dead-zone input. International Journal of Adaptive Control and Signal Processing, 2021, 35, 1404-1416.	4.1	7
38	Observer-Based Adaptive Fuzzy Tracking Control Using Integral Barrier Lyapunov Functionals for A Nonlinear System With Full State Constraints. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 617-627.	13.1	48
39	Observer-Based Adaptive Neural Networks Control for Large-Scale Interconnected Systems With Nonconstant Control Gains. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1575-1585.	11.3	75
40	Trajectory Tracking Control in Real-Time of Dual-Motor-Driven Driverless Racing Car Based on Optimal Control Theory and Fuzzy Logic Method. Complexity, 2021, 2021, 1-16.	1.6	1
41	Time-varying IBLFs-based adaptive control of uncertain nonlinear systems with full state constraints. Automatica, 2021, 129, 109595.	5.0	178
42	Adaptive event-triggered control of multi-agent systems with state constraints and unknown disturbances. IET Control Theory and Applications, 2021, 15, 2171-2182.	2.1	7
43	Tangent barrier Lyapunov function-based constrained control of flexible manipulator system with actuator failure. International Journal of Robust and Nonlinear Control, 2021, 31, 8523-8536.	3.7	14
44	Deep Echo State Network With Multiple Adaptive Reservoirs for Time Series Prediction. IEEE Transactions on Cognitive and Developmental Systems, 2021, 13, 693-704.	3.8	23
45	Observer-Based Adaptive Neural Output Feedback Constraint Controller Design for Switched Systems Under Average Dwell Time. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 3901-3912.	5.4	34
46	Robust Adaptive Fuzzy Control via State-Dependent Function for Nonlinear Stochastic Large-Scale Systems Subject to Dead Zones. Complexity, 2021, 2021, 1-17.	1.6	0
47	Minimum-Learning-Parameters-Based Adaptive Neural Fault Tolerant Control With Its Application to Continuous Stirred Tank Reactor. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 1275-1285.	9.3	14
48	Stability Analysis of T–S Fuzzy Control System With Sampled-Dropouts Based on Time-Varying Lyapunov Function Method. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 2566-2577.	9.3	36
49	Adaptive Decentralized Controller Design for a Class of Switched Interconnected Nonlinear Systems. IEEE Transactions on Cybernetics, 2020, 50, 1644-1654.	9.5	27
50	Reinforcement Learning Neural Network-Based Adaptive Control for State and Input Time-Delayed Wheeled Mobile Robots. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4171-4182.	9.3	22
51	An Adaptive Neural Network Controller for Active Suspension Systems With Hydraulic Actuator. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 5351-5360.	9.3	69
52	Finite-Time Convergence Adaptive Neural Network Control for Nonlinear Servo Systems. IEEE Transactions on Cybernetics, 2020, 50, 2568-2579.	9.5	102
53	Multiple Lyapunov Functions for Adaptive Neural Tracking Control of Switched Nonlinear Nonlower-Triangular Systems. IEEE Transactions on Cybernetics, 2020, 50, 1877-1886.	9.5	131
54	Minimal learning parameters-based adaptive neural control for vehicle active suspensions with input saturation. Neurocomputing, 2020, 396, 153-161.	5.9	12

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55	Adaptive Neural Network Learning Controller Design for a Class of Nonlinear Systems With Time-Varying State Constraints. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 66-75.	11.3	132
56	ADP-Based Online Tracking Control of Partially Uncertain Time-Delayed Nonlinear System and Application to Wheeled Mobile Robots. IEEE Transactions on Cybernetics, 2020, 50, 3182-3194.	9.5	44
57	Adaptive Fault-Tolerant Consensus Protocols for Multiagent Systems With Directed Graphs. IEEE Transactions on Cybernetics, 2020, 50, 25-35.	9.5	32
58	Value Iteration-Based H_∞ Controller Design for Continuous-Time Nonlinear Systems Subject to Input Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3986-3995.	9.3	25
59	Fuzzy Approximation-Based Adaptive Control of Nonlinear Uncertain State Constrained Systems With Time-Varying Delays. IEEE Transactions on Fuzzy Systems, 2020, 28, 1620-1630.	9.8	62
60	Barrier Lyapunov Function-Based Adaptive Fuzzy FTC for Switched Systems and Its Applications to Resistance–Inductance–Capacitance Circuit System. IEEE Transactions on Cybernetics, 2020, 50, 3491-3502.	9.5	160
61	Actuator Failure Compensation-Based Adaptive Control of Active Suspension Systems With Prescribed Performance. IEEE Transactions on Industrial Electronics, 2020, 67, 7044-7053.	7.9	97
62	Time-varying asymmetrical BLFs based adaptive finite-time neural control of nonlinear systems with full state constraints. IEEE/CAA Journal of Automatica Sinica, 2020, 7, 1335-1343.	13.1	21
63	Adaptive Finite-Time Control for Half-Vehicle Active Suspension Systems with Uncertain Dynamics. IEEE/ASME Transactions on Mechatronics, 2020, , 1-1.	5.8	17
64	Disturbance Observer-Based Adaptive Neural Network Control of Marine Vessel Systems with Time-Varying Output Constraints. Complexity, 2020, 2020, 1-12.	1.6	2
65	Hesitant Bipolar-Valued Fuzzy Soft Sets and Their Application in Decision Making. Complexity, 2020, 2020, 1-12.	1.6	5
66	Adaptive Fault Tolerant Control of Active Suspension Systems With Time-Varying Displacement and Velocity Constraints. IEEE Access, 2020, 8, 10847-10856.	4.2	5
67	Integral Barrier Lyapunov function-based adaptive control for switched nonlinear systems. Science China Information Sciences, 2020, 63, 1.	4.3	330
68	Neural networks-based adaptive dynamic surface control for vehicle active suspension systems with time-varying displacement constraints. Neurocomputing, 2020, 408, 176-187.	5.9	20
69	Distributed Formation Control of Multi-Robot Systems: A Fixed-Time Behavioral Approach. , 2020, , .		5
70	Adaptive neural network control for nonlinear state constrained systems with unknown dead-zones input. AIMS Mathematics, 2020, 5, 4065-4084.	1.6	2
71	Adaptive NN Constraint Control for Flexible Manipulator System Described by PDE Model. , 2020, , .		0
72	Neural Networks-Based Adaptive Finite-Time Fault-Tolerant Control for a Class of Strict-Feedback Switched Nonlinear Systems. IEEE Transactions on Cybernetics, 2019, 49, 2536-2545.	9.5	368

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73	Adaptive Reinforcement Learning Control Based on Neural Approximation for Nonlinear Discrete-Time Systems With Unknown Nonaffine Dead-Zone Input. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 295-305.	11.3	75
74	Adaptive control for switched uncertain nonlinear systems with time-varying output constraint and input saturation. International Journal of Adaptive Control and Signal Processing, 2019, 33, 1344-1358.	4.1	17
75	Adaptive control design for MIMO switched nonlinear systems with full state constraints. International Journal of Adaptive Control and Signal Processing, 2019, 33, 1583-1600.	4.1	19
76	Adaptive Neural Network Control for Active Suspension Systems With Time-Varying Vertical Displacement and Speed Constraints. IEEE Transactions on Industrial Electronics, 2019, 66, 9458-9466.	7.9	202
77	Adaptive NN Control Without Feasibility Conditions for Nonlinear State Constrained Stochastic Systems With Unknown Time Delays. IEEE Transactions on Cybernetics, 2019, 49, 4485-4494.	9.5	78
78	Adaptive Vehicle Stability Control of Half-Car Active Suspension Systems With Partial Performance Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-11.	9.3	12
79	Adaptive Tracking Control for Active Seat Suspension System with Time-Varying Full State Constraints. , 2019, , .		0
80	Fuzzy-Based Multierror Constraint Control for Switched Nonlinear Systems and Its Applications. IEEE Transactions on Fuzzy Systems, 2019, 27, 1519-1531.	9.8	180
81	Adaptive Finite-Time NN Control for 3-DOF Active Suspension Systems With Displacement Constraints. IEEE Access, 2019, 7, 13577-13588.	4.2	19
82	Neural Network Controller Design for a Class of Nonlinear Delayed Systems With Time-Varying Full-State Constraints. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2625-2636.	11.3	161
83	A Practical Fault Diagnosis Algorithm Based on Aperiodic Corrected-Second Low-Frequency Processing for Microgrid Inverter. IEEE Transactions on Industrial Informatics, 2019, 15, 3889-3898.	11.3	9
84	Adaptive Neural Network Control for Uncertain Time-Varying State Constrained Robotics Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 2511-2518.	9.3	43
85	Neural Networks-Based Adaptive Control for Nonlinear State Constrained Systems With Input Delay. IEEE Transactions on Cybernetics, 2019, 49, 1249-1258.	9.5	250
86	Echo State Networks Based Data-Driven Adaptive Fault Tolerant Control With Its Application to Electromechanical System. IEEE/ASME Transactions on Mechatronics, 2018, 23, 1372-1382.	5.8	37
87	Adaptive Fuzzy Output Feedback Control for a Class of Nonlinear Systems With Full State Constraints. IEEE Transactions on Fuzzy Systems, 2018, 26, 2607-2617.	9.8	213
88	Formation Control With Obstacle Avoidance for a Class of Stochastic Multiagent Systems. IEEE Transactions on Industrial Electronics, 2018, 65, 5847-5855.	7.9	138
89	Optimal Fault-Tolerant Control for Discrete-Time Nonlinear Strict-Feedback Systems Based on Adaptive Critic Design. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 2179-2191.	11.3	55
90	Adaptive Critic Design for Pure-Feedback Discrete-Time MIMO Systems Preceded by Unknown Backlashlike Hysteresis. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 5681-5690.	11.3	15

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91	Neural-Network-Based Robust Optimal Tracking Control for MIMO Discrete-Time Systems With Unknown Uncertainty Using Adaptive Critic Design. IEEE Transactions on Neural Networks and Learning Systems, 2018, 29, 1239-1251.	11.3	51
92	Data-Based Adaptive Fault Estimation and Fault-Tolerant Control for MIMO Model-Free Systems Using Generalized Fuzzy Hyperbolic Model. IEEE Transactions on Fuzzy Systems, 2018, 26, 3191-3205.	9.8	36
93	Adaptive control-based Barrier Lyapunov Functions for a class of stochastic nonlinear systems with full state constraints. Automatica, 2018, 87, 83-93.	5.0	508
94	Adaptive Fuzzy Tracking Control Based Barrier Functions of Uncertain Nonlinear MIMO Systems With Full-State Constraints and Applications to Chemical Process. IEEE Transactions on Fuzzy Systems, 2018, 26, 2145-2159.	9.8	51
95	Adaptive Neural Network Control For Vehicle Active Suspension System with Unknown Dead-Zones. , 2018, , .		0
96	Adaptive neural network-based control for a class of nonlinear pure-feedback systems with time-varying full state constraints. IEEE/CAA Journal of Automatica Sinica, 2018, 5, 923-933.	13.1	187
97	Partial State Constraints-Based Control for Nonlinear Systems With Backlash-Like Hysteresis. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, , 1-5.	9.3	73
98	Neural Approximation-Based Adaptive Control for a Class of Nonlinear Nonstrict Feedback Discrete-Time Systems. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 1531-1541.	11.3	69
99	Model Identification and Control Design for a Humanoid Robot. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 45-57.	9.3	122
100	Fuzzy Adaptive Inverse Compensation Method to Tracking Control of Uncertain Nonlinear Systems With Generalized Actuator Dead Zone. IEEE Transactions on Fuzzy Systems, 2017, 25, 191-204.	9.8	101
101	Neural Network-Based Model-Free Adaptive Fault-Tolerant Control for Discrete-Time Nonlinear Systems With Sensor Fault. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2351-2362.	9.3	117
102	Active contour model by combining edge and region information discrete dynamic systems. Advances in Mechanical Engineering, 2017, 9, 168781401769294.	1.6	10
103	Approximation-Based Adaptive Neural Tracking Control of Nonlinear MIMO Unknown Time-Varying Delay Systems With Full State Constraints. IEEE Transactions on Cybernetics, 2017, 47, 3100-3109.	9.5	123
104	Adaptive Neural Network-Based Tracking Control for Full-State Constrained Wheeled Mobile Robotic System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2410-2419.	9.3	99
105	Barrier Lyapunov functions for Nussbaum gain adaptive control of full state constrained nonlinear systems. Automatica, 2017, 76, 143-152.	5.0	674
106	Adaptive Controller Design-Based ABLF for a Class of Nonlinear Time-Varying State Constraint Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1546-1553.	9.3	227
107	Adaptive variable universe of discourse fuzzy control for a class of nonlinear systems with unknown dead zones. International Journal of Adaptive Control and Signal Processing, 2017, 31, 1934-1951.	4.1	5
108	Fuzzy control for vehicle status estimation considering roll stability and its application in target recognition of automobile cruise system. Advances in Mechanical Engineering, 2017, 9, 168781401770169.	1.6	3

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109	Neural Network Controller Design for an Uncertain Robot With Time-Varying Output Constraint. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 2060-2068.	9.3	141
110	Fuzzy tracking adaptive control of discrete-time switched nonlinear systems. Fuzzy Sets and Systems, 2017, 316, 35-48.	2.7	46
111	Neural Network-Based Adaptive Leader-Following Consensus Control for a Class of Nonlinear Multiagent State-Delay Systems. IEEE Transactions on Cybernetics, 2017, 47, 2151-2160.	9.5	290
112	Adaptive Fuzzy Asymptotic Control of MIMO Systems With Unknown Input Coefficients Via a Robust Nussbaum Gain-Based Approach. IEEE Transactions on Fuzzy Systems, 2017, 25, 1252-1263.	9.8	80
113	Modeling and Vibration Control for a Moving Beam With Application in a Drilling Riser. IEEE Transactions on Control Systems Technology, 2017, 25, 1036-1043.	5.2	86
114	Adaptive NN Control Using Integral Barrier Lyapunov Functionals for Uncertain Nonlinear Block-Triangular Constraint Systems. IEEE Transactions on Cybernetics, 2017, 47, 3747-3757.	9.5	161
115	Spectral radius and extremal graphs for class of unicyclic graph with pendant vertices. Advances in Mechanical Engineering, 2017, 9, 168781401770713.	1.6	1
116	Approximation-Based Adaptive Neural Tracking Control of an Uncertain Robot with Output Constraint and Unknown Time-Varying Delays. Lecture Notes in Computer Science, 2017, , 44-51.	1.3	1
117	Adaptive fuzzy optimal control using direct heuristic dynamic programming for chaotic discrete-time system. JVC/Journal of Vibration and Control, 2016, 22, 595-603.	2.6	86
118	The Existence of Spanning Ended System on Claw-Free Graphs. Mathematical Problems in Engineering, 2016, 2016, 1-4.	1.1	0
119	Research on the Intelligent Control and Simulation of Automobile Cruise System Based on Fuzzy System. Mathematical Problems in Engineering, 2016, 2016, 1-12.	1.1	15
120	Adaptive control of a class of switched nonlinear discrete-time systems with unknown parameter. Neurocomputing, 2016, 214, 1-6.	5.9	14
121	Time-varying output constraint for DC motor control. , 2016, , .		0
122	Barrier Lyapunov Functions-based adaptive control for a class of nonlinear pure-feedback systems with full state constraints. Automatica, 2016, 64, 70-75.	5.0	716
123	Fuzzy Adaptive Control With State Observer for a Class of Nonlinear Discrete-Time Systems With Input Constraint. IEEE Transactions on Fuzzy Systems, 2016, 24, 1147-1158.	9.8	204
124	Optimal Control-Based Adaptive NN Design for a Class of Nonlinear Discrete-Time Block-Triangular Systems. IEEE Transactions on Cybernetics, 2016, 46, 2670-2680.	9.5	115
125	Neural Network Control-Based Adaptive Learning Design for Nonlinear Systems With Full-State Constraints. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1562-1571.	11.3	424
126	Neural network-based adaptive control for a class of chemical reactor systems with non-symmetric dead-zone. Neurocomputing, 2016, 174, 597-604.	5.9	9

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127	Observer-Based Adaptive Backstepping Consensus Tracking Control for High-Order Nonlinear Semi-Strict-Feedback Multiagent Systems. IEEE Transactions on Cybernetics, 2016, 46, 1591-1601.	9.5	504
128	A Unified Approach to Adaptive Neural Control for Nonlinear Discrete-Time Systems With Nonlinear Dead-Zone Input. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 139-150.	11.3	104
129	Neural Controller Design-Based Adaptive Control for Nonlinear MIMO Systems With Unknown Hysteresis Inputs. IEEE Transactions on Cybernetics, 2016, 46, 9-19.	9.5	187
130	Fuzzy Approximation-Based Adaptive Backstepping Optimal Control for a Class of Nonlinear Discrete-Time Systems With Dead-Zone. IEEE Transactions on Fuzzy Systems, 2016, 24, 16-28.	9.8	402
131	The Spectral Radius for a Class of Double-Star-Like Tree Systems with Maximal Degree 4. Mathematical Problems in Engineering, 2015, 2015, 1-6.	1.1	3
132	Spanning 3-Ended Trees in Almost Claw-Free Graphs. Discrete Dynamics in Nature and Society, 2015, 2015, 1-5.	0.9	3
133	Co-Design of Event Generator and Dynamic Output Feedback Controller for LTI Systems. Mathematical Problems in Engineering, 2015, 2015, 1-7.	1.1	1
134	Reinforcement Learning Design-Based Adaptive Tracking Control With Less Learning Parameters for Nonlinear Discrete-Time MIMO Systems. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 165-176.	11.3	212
135	Adaptive Fuzzy Identification and Control for a Class of Nonlinear Pure-Feedback MIMO Systems With Unknown Dead Zones. IEEE Transactions on Fuzzy Systems, 2015, 23, 1387-1398.	9.8	204
136	Adaptive fuzzy control with minimal leaning parameters for electric induction motors. Neurocomputing, 2015, 156, 143-150.	5.9	10
137	Adaptive neural network tracking design for a class of uncertain nonlinear discrete-time systems with unknown time-delay. Neurocomputing, 2015, 168, 152-159.	5.9	10
138	Control of nonlinear systems with full state constraints using integral Barrier Lyapunov Functionals. , 2015, , .		6
139	Neural‐network‐based adaptive leader‐following consensus control for second‐order non‐linear multi‐agent systems. IET Control Theory and Applications, 2015, 9, 1927-1934.	2.1	213
140	Adaptive NN fault-tolerant control for discrete-time systems in triangular forms with actuator fault. Neurocomputing, 2015, 152, 209-221.	5.9	44
141	Adaptive NN Controller Design for a Class of Nonlinear MIMO Discrete-Time Systems. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 1007-1018.	11.3	159
142	Adaptive control design for Arneodo chaotic system with state constraint. JVC/Journal of Vibration and Control, 2015, 21, 1968-1975.	2.6	1
143	Adaptive NN Tracking Control of Uncertain Nonlinear Discrete-Time Systems With Nonaffine Dead-Zone Input. IEEE Transactions on Cybernetics, 2015, 45, 497-505.	9.5	247
144	Adaptive fuzzy control for a class of unknown nonlinear dynamical systems. Fuzzy Sets and Systems, 2015, 263, 49-70.	2.7	165

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145	Decentralised adaptive control of cooperating Robotic manipulators with disturbance observers. IET Control Theory and Applications, 2014, 8, 515-521.	2.1	37
146	Adaptive fuzzy control for a class of chaotic discrete-time system. , 2014, , .		0
147	Adaptive Fuzzy Robust Output Feedback Control of Nonlinear Systems With Unknown Dead Zones Based on a Small-Gain Approach. IEEE Transactions on Fuzzy Systems, 2014, 22, 164-176.	9.8	234
148	Adaptive neural control using reinforcement learning for a class of robot manipulator. Neural Computing and Applications, 2014, 25, 135-141.	5.6	53
149	Adaptive output feedback control for a class of nonlinear systems with full-state constraints. International Journal of Control, 2014, 87, 281-290.	1.9	109
150	Adaptive neural network tracking design for a class of uncertain nonlinear discrete-time systems with dead-zone. Science China Information Sciences, 2014, 57, 1-12.	4.3	34
151	Adaptive Fuzzy Control for a Class of Nonlinear Discrete-Time Systems With Backlash. IEEE Transactions on Fuzzy Systems, 2014, 22, 1359-1365.	9.8	217
152	Fuzzy Neural Network-Based Adaptive Control for a Class of Uncertain Nonlinear Stochastic Systems. IEEE Transactions on Cybernetics, 2014, 44, 583-593.	9.5	467
153	Adaptive control for a class of nonlinear systems and application to hard disk drives. JVC/Journal of Vibration and Control, 2014, 20, 153-160.	2.6	6
154	Adaptive Consensus Control for a Class of Nonlinear Multiagent Time-Delay Systems Using Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 1217-1226.	11.3	531
155	Adaptive neural network control of robot manipulator using reinforcement learning. JVC/Journal of Vibration and Control, 2014, 20, 2162-2171.	2.6	9
156	Adaptive near optimal neural control for a class of discrete-time chaotic system. Neural Computing and Applications, 2014, 25, 1111-1117.	5.6	3
157	A novel alleviating computation algorithm for a class of large-scale nonlinear systems with unknown dead-zones. Nonlinear Dynamics, 2014, 76, 915-930.	5.2	2
158	Adaptive fuzzy output feedback decentralized control of pure†feedback nonlinear large†scale systems. International Journal of Robust and Nonlinear Control, 2014, 24, 930-954.	3.7	35
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