

Shaocheng Tong

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/4501571/publications.pdf>

Version: 2024-02-01

217
papers

28,180
citations

3159

92
h-index

5394

164
g-index

218
all docs

218
docs citations

218
times ranked

6523
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	Neural Network Output-Feedback Consensus Fault-Tolerant Control for Nonlinear Multiagent Systems With Intermittent Actuator Faults. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 4728-4740.	11.3	21
5	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
6	FTC Design for Switched Fractional-Order Nonlinear Systems: An Application in a Permanent Magnet Synchronous Motor System. IEEE Transactions on Cybernetics, 2023, 53, 2506-2515.	9.5	11
7	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
8	Event-Triggered Adaptive Fuzzy Asymptotic Tracking Control of Nonlinear Pure-Feedback Systems With Prescribed Performance. IEEE Transactions on Cybernetics, 2023, 53, 2380-2390.	9.5	22
9	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
10	Observer-Based Decentralized Control for Non-Strict-Feedback Fractional-Order Nonlinear Large-Scale Systems With Unknown Dead Zones. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 7479-7490.	11.3	6
11	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
12	Finite-Time Fuzzy Adaptive PPC for Nonstrict-Feedback Nonlinear MIMO Systems. IEEE Transactions on Cybernetics, 2023, 53, 732-742.	9.5	34
13	Anti-Attack Event-Triggered Control for Nonlinear Multi-Agent Systems With Input Quantization. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 10105-10115.	11.3	23
14	Neural learning fixed-time adaptive tracking control of complex stochastic constraint nonlinear systems. Journal of the Franklin Institute, 2023, 360, 13671-13691.	3.4	3
15	Adaptive Fuzzy Finite-Time Output-Feedback Fault-Tolerant Control of Nonstrict-Feedback Systems Against Actuator Faults. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1276-1287.	9.3	31
16	Finite-Time Adaptive Fuzzy Prescribed Performance Control for High-Order Stochastic Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2022, 30, 2227-2240.	9.8	47
17	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
18	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

#	ARTICLE	IF	CITATIONS
19	Disturbance Observer-Based Adaptive Fuzzy Control for Strict-Feedback Nonlinear Systems With Finite-Time Prescribed Performance. IEEE Transactions on Fuzzy Systems, 2022, 30, 1175-1184.	9.8	81
20	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
21	Model-Free Containment Control of Underactuated Surface Vessels Under Switching Topologies Based on Guiding Vector Fields and Data-Driven Neural Predictors. IEEE Transactions on Cybernetics, 2022, 52, 10843-10854.	9.5	32
22	Event-Triggered Adaptive Neural Control for Fractional-Order Nonlinear Systems Based on Finite-Time Scheme. IEEE Transactions on Cybernetics, 2022, 52, 9481-9489.	9.5	37
23	Neural Network Adaptive Output-Feedback Optimal Control for Active Suspension Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 4021-4032.	9.3	34
24	Adaptive asymptotic fault-tolerant tracking of uncertain nonlinear systems with unknown control directions. Journal of Control and Decision, 2022, 9, 301-310.	1.6	9
25	Adaptive Optimized Backstepping Control-Based RL Algorithm for Stochastic Nonlinear Systems With State Constraints and Its Application. IEEE Transactions on Cybernetics, 2022, 52, 10542-10555.	9.5	58
26	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
27	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
28	Adaptive Fuzzy Output-Feedback Decentralized Control for Fractional-Order Nonlinear Large-Scale Systems. IEEE Transactions on Cybernetics, 2022, 52, 12795-12804.	9.5	20
29	Observer-Based Adaptive Optimized Control for Stochastic Nonlinear Systems With Input and State Constraints. IEEE Transactions on Neural Networks and Learning Systems, 2022, 33, 7791-7805.	11.3	79
30	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
31	Broad Learning System Approximation-Based Adaptive Optimal Control for Unknown Discrete-Time Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5028-5038.	9.3	16
32	A Bound Estimation Approach for Adaptive Fuzzy Asymptotic Tracking of Uncertain Stochastic Nonlinear Systems. IEEE Transactions on Cybernetics, 2022, 52, 5333-5342.	9.5	14
33	Event-triggered adaptive neural asymptotic tracking of uncertain constrained nonlinear systems without feasibility condition. International Journal of Adaptive Control and Signal Processing, 2022, 36, 579-595.	4.1	1
34	Fuzzy Adaptive Optimized Leader-Following Formation Control for Second-Order Stochastic Multiagent Systems. IEEE Transactions on Industrial Informatics, 2022, 18, 6026-6037.	11.3	78
35	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
36	Adaptive neural network decentralized fault-tolerant control for nonlinear interconnected fractional-order systems. Neurocomputing, 2022, 488, 14-22.	5.9	12

#	ARTICLE	IF	CITATIONS
37	NN adaptive optimal tracking control for a class of uncertain nonstrict feedback nonlinear systems. <i>Neurocomputing</i> , 2022, 491, 382-394.	5.9	5
38	Adaptive NN Control of Electro-Hydraulic System with Full State Constraints. <i>Electronics (Switzerland)</i> , 2022, 11, 1483.	3.1	3
39	Adaptive neural networks optimal control of permanent magnet synchronous motor system with state constraints. <i>Neurocomputing</i> , 2022, 504, 132-140.	5.9	4
40	Adaptive Fuzzy Backstepping Tracking Control for Flexible Robotic Manipulator. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021, 8, 1923-1930.	13.1	55
41	Fuzzy Adaptive Tracking Control for State Constraint Switched Stochastic Nonlinear Systems With Unstable Inverse Dynamics. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 5522-5534.	9.3	24
42	Adaptive Finite-Time Neural Network Control of Nonlinear Systems With Multiple Objective Constraints and Application to Electromechanical System. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 5416-5426.	11.3	62
43	Adaptive Event-Triggered Control Design for Nonlinear Systems With Full State Constraints. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 3803-3811.	9.8	10
44	A Novel Adaptive NN Prescribed Performance Control for Stochastic Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 3196-3205.	11.3	108
45	Adaptive Output Feedback Tracking Control for a Class of Nonlinear Time-Varying State Constrained Systems With Fuzzy Dead-Zone Input. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 1841-1852.	9.8	26
46	Event-Trigger-Based Finite-Time Fuzzy Adaptive Control for Stochastic Nonlinear System With Unmodeled Dynamics. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 1914-1926.	9.8	110
47	Robust Fuzzy Adaptive Finite-Time Control for High-Order Nonlinear Systems With Unmodeled Dynamics. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 1576-1589.	9.8	41
48	Observer-Based Fuzzy Adaptive Inverse Optimal Output Feedback Control for Uncertain Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 1484-1495.	9.8	119
49	Event-Triggered Robust Fuzzy Adaptive Finite-Time Control of Nonlinear Systems With Prescribed Performance. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 1460-1471.	9.8	162
50	Neural-Network-Based Adaptive Event-Triggered Consensus Control of Nonstrict-Feedback Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 1750-1764.	11.3	73
51	Observer-Based Fuzzy Adaptive Finite-Time Containment Control of Nonlinear Multiagent Systems With Input Delay. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 126-137.	9.5	209
52	Robust adaptive fuzzy control for non-strict feedback switched nonlinear systems with unmodeled dynamics. <i>International Journal of Systems Science</i> , 2021, 52, 307-320.	5.5	12
53	Fuzzy adaptive dynamic surface control for strict-feedback nonlinear systems with unknown control gain functions. <i>International Journal of Systems Science</i> , 2021, 52, 141-156.	5.5	10
54	Neural network based adaptive event trigger control for a class of electromagnetic suspension systems. <i>Control Engineering Practice</i> , 2021, 106, 104675.	5.5	150

#	ARTICLE	IF	CITATIONS
55	Adaptive fault-tolerant control for a class of fractional order non-strict feedback nonlinear systems. <i>International Journal of Systems Science</i> , 2021, 52, 1014-1025.	5.5	13
56	Adaptive finite-time fault-tolerant control for interconnected nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2021, 31, 1564-1581.	3.7	17
57	Fuzzy Observer Constraint Based on Adaptive Control for Uncertain Nonlinear MIMO Systems With Time-Varying State Constraints. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 1380-1389.	9.5	70
58	Adaptive Neural Control Using Tangent Time-Varying BLFs for a Class of Uncertain Stochastic Nonlinear Systems With Full State Constraints. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 1943-1953.	9.5	65
59	A Novel Finite-Time Control for Nonstrict Feedback Saturated Nonlinear Systems With Tracking Error Constraint. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 3968-3979.	9.3	86
60	Adaptive Intelligent Controller Design-Based ISS Modular Approach for Uncertain Nonlinear Systems With Time-Varying Full-State Constraints. <i>IEEE Transactions on Artificial Intelligence</i> , 2021, 2, 352-361.	4.7	7
61	Adaptive fuzzy decentralised control for fractional-order interconnected nonlinear systems with input saturation. <i>International Journal of Systems Science</i> , 2021, 52, 2689-2703.	5.5	13
62	Adaptive fuzzy finite-time quantized control for stochastic nonlinear systems with full state constraints. <i>International Journal of Adaptive Control and Signal Processing</i> , 2021, 35, 727-747.	4.1	5
63	Observer-based fuzzy adaptive control for MIMO nonlinear systems with non-constant control gain and input delay. <i>IET Control Theory and Applications</i> , 2021, 15, 1488-1505.	2.1	5
64	Observer-Based Adaptive Neural Networks Control for Large-Scale Interconnected Systems With Nonconstant Control Gains. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 1575-1585.	11.3	75
65	Adaptive fuzzy output feedback FTC for nonstrict-feedback systems with sensor faults and dead zone input. <i>Neurocomputing</i> , 2021, 435, 67-76.	5.9	8
66	Fuzzy adaptive output feedback control for uncertain nonlinear systems with unknown control gain functions and unmodeled dynamics. <i>Information Sciences</i> , 2021, 558, 140-156.	6.9	24
67	Time-varying IBLFs-based adaptive control of uncertain nonlinear systems with full state constraints. <i>Automatica</i> , 2021, 129, 109595.	5.0	178
68	Observer-Based Adaptive Neural Output Feedback Constraint Controller Design for Switched Systems Under Average Dwell Time. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021, 68, 3901-3912.	5.4	34
69	Neural-Network-Based Adaptive DSC Design for Switched Fractional-Order Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 4703-4712.	11.3	72
70	Adaptive Fuzzy Decentralized Control for Fractional-Order Nonlinear Large-Scale Systems With Unmodeled Dynamics. <i>IEEE Access</i> , 2021, 9, 142594-142604.	4.2	3
71	Switching mechanism-based event-triggered fuzzy adaptive control with prescribed performance for MIMO nonlinear systems. <i>Discrete and Continuous Dynamical Systems - Series S</i> , 2021, .	1.1	0
72	Fuzzy Adaptive Output Feedback Control for MIMO Switched Nontriangular Structure Nonlinear Systems With Unknown Control Directions. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 550-564.	9.3	42

#	ARTICLE	IF	CITATIONS
73	Finite-Time Adaptive Fuzzy Decentralized Control for Nonstrict-Feedback Nonlinear Systems With Output-Constraint. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 5271-5284.	9.3	39
74	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
75	Observer-Based Adaptive Fuzzy Decentralized Event-Triggered Control of Interconnected Nonlinear System. IEEE Transactions on Cybernetics, 2020, 50, 3104-3112.	9.5	64
76	Distributed Adaptive Fuzzy Event-Triggered Containment Control of Nonlinear Strict-Feedback Systems. IEEE Transactions on Cybernetics, 2020, 50, 3973-3983.	9.5	32
77	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
78	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
79	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
80	Adaptive Fuzzy Prescribed Performance Control of Nontriangular Structure Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2020, 28, 2416-2426.	9.8	109
81	Adaptive Fuzzy Event-Triggered Control for Leader-Following Consensus of High-Order Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2020, 28, 2389-2400.	9.8	24
82	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
83	Adaptive Fuzzy Inverse Optimal Control for Uncertain Strict-Feedback Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2020, 28, 2363-2374.	9.8	170
84	Finite-Time Adaptive Quantized Control of Stochastic Nonlinear Systems With Input Quantization: A Broad Learning System Based Identification Method. IEEE Transactions on Industrial Electronics, 2020, 67, 8555-8565.	7.9	71
85	Adaptive Neural Networks Finite-Time Optimal Control for a Class of Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2020, 31, 4451-4460.	11.3	301
86	Adaptive Finite-Time Control for Half-Vehicle Active Suspension Systems with Uncertain Dynamics. IEEE/ASME Transactions on Mechatronics, 2020, , 1-1.	5.8	17
87	Adaptive fuzzy optimal control for a class of active suspension systems with full-state constraints. IET Intelligent Transport Systems, 2020, 14, 371-381.	3.0	21
88	Adaptive fuzzy output feedback inverse optimal control for vehicle active suspension systems. Neurocomputing, 2020, 403, 257-267.	5.9	43
89	Observer-Based Adaptive Fuzzy Tracking Control for Strict-Feedback Nonlinear Systems With Unknown Control Gain Functions. IEEE Transactions on Cybernetics, 2020, 50, 3903-3913.	9.5	390
90	Finite-time optimal control for interconnected nonlinear systems. International Journal of Robust and Nonlinear Control, 2020, 30, 3451-3470.	3.7	19

#	ARTICLE	IF	CITATIONS
91	Integral Barrier Lyapunov function-based adaptive control for switched nonlinear systems. Science China Information Sciences, 2020, 63, 1.	4.3	330
92	NN Reinforcement Learning Adaptive Control for a Class of Nonstrict-Feedback Discrete-Time Systems. IEEE Transactions on Cybernetics, 2020, 50, 4573-4584.	9.5	182
93	Event-triggered adaptive fuzzy bipartite consensus control of multiple autonomous underwater vehicles. IET Control Theory and Applications, 2020, 14, 3632-3642.	2.1	16
94	Adaptive Fuzzy Control for Fractional-Order Nonlinear System with Unknown Dead Zone. , 2020, , .		0
95	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
96	Event-triggered control design for nonlinear systems with actuator failures and uncertain disturbances. International Journal of Robust and Nonlinear Control, 2019, 29, 6199-6211.	3.7	22
97	Fixed-time adaptive neural tracking control for a class of uncertain nonstrict nonlinear systems. Neurocomputing, 2019, 363, 273-280.	5.9	129
98	Quantized Output Feedback Control for a Class of Strict-Feedback Nonlinear Systems. , 2019, , .		0
99	Fuzzy Adaptive Fault-Tolerant Control for a Class of Active Suspension Systems with Time Delay. International Journal of Fuzzy Systems, 2019, 21, 2054-2065.	4.0	14
100	Adaptive Neural Network Finite-Time Control for Multi-Input and Multi-Output Nonlinear Systems With Positive Powers of Odd Rational Numbers. IEEE Transactions on Neural Networks and Learning Systems, 2019, 31, 1-12.	11.3	66
101	Roust Adaptive Tracking Control for Switched Reluctance Motor with Sensor Fault. , 2019, , .		1
102	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
103	Observer-Based Fuzzy Adaptive Event-Triggered Control for Pure-Feedback Nonlinear Systems With Prescribed Performance. IEEE Transactions on Fuzzy Systems, 2019, 27, 2152-2162.	9.8	421
104	Fuzzy adaptive tracking control for switched nonlinear systems with full time-varying state constraints. Neurocomputing, 2019, 352, 1-11.	5.9	16
105	Fuzzy Adaptive Fault-Tolerant Control of Fractional-Order Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-8.	9.3	49
106	Observer-based finite-time fuzzy adaptive control for MIMO non-strict feedback nonlinear systems with errors constraint. Neurocomputing, 2019, 341, 135-148.	5.9	18
107	Fuzzy Adaptive Finite Time Fault-tolerant Control for Multi-input and Multi-output Nonlinear Systems with Actuator Faults. International Journal of Control, Automation and Systems, 2019, 17, 1655-1665.	2.7	19
108	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

#	ARTICLE	IF	CITATIONS
109	Fuzzy Adaptive Practical Finite-Time Control for Time Delays Nonlinear Systems. International Journal of Fuzzy Systems, 2019, 21, 1013-1025.	4.0	14
110	Fuzzy adaptive optimal control for nonlinear switched systems with actuator hysteresis. International Journal of Adaptive Control and Signal Processing, 2019, 33, 609-625.	4.1	21
111	Observer-based fuzzy adaptive quantized control for uncertain nonlinear multiagent systems. International Journal of Adaptive Control and Signal Processing, 2019, 33, 567-585.	4.1	10
112	Observer-based Adaptive Fuzzy Control for Uncertain Nonlinear time-delay systems. , 2019, , .		0
113	Finite-Time Adaptive Fuzzy Output Feedback Dynamic Surface Control for MIMO Nonstrict Feedback Systems. IEEE Transactions on Fuzzy Systems, 2019, 27, 96-110.	9.8	382
114	Adaptive Fuzzy Control for Nontriangular Structural Stochastic Switched Nonlinear Systems With Full State Constraints. IEEE Transactions on Fuzzy Systems, 2019, 27, 1587-1601.	9.8	285
115	Fuzzy Adaptive Finite-Time Control Design for Nontriangular Stochastic Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2019, 27, 172-184.	9.8	259
116	Fuzzy-Based Multierror Constraint Control for Switched Nonlinear Systems and Its Applications. IEEE Transactions on Fuzzy Systems, 2019, 27, 1519-1531.	9.8	180
117	Neural Network Filtering Control Design for Nontriangular Structure Switched Nonlinear Systems in Finite Time. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 2153-2162.	11.3	149
118	Adaptive Fuzzy Containment Control of Nonlinear Strict-Feedback Systems With Full State Constraints. IEEE Transactions on Fuzzy Systems, 2019, 27, 2024-2038.	9.8	78
119	Observer-Based Adaptive Fuzzy Containment Control for Multiple Uncertain Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2019, 27, 2079-2089.	9.8	65
120	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
121	Fuzzy Adaptive Distributed Event-Triggered Consensus Control of Uncertain Nonlinear Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1777-1786.	9.3	142
122	Neural Networks-Based Adaptive Control for Nonlinear State Constrained Systems With Input Delay. IEEE Transactions on Cybernetics, 2019, 49, 1249-1258.	9.5	250
123	Adaptive Fuzzy Containment Control of Nonlinear Systems With Unmeasurable States. IEEE Transactions on Cybernetics, 2019, 49, 961-973.	9.5	38
124	Observer-Based Adaptive Fuzzy Fault-Tolerant Optimal Control for SISO Nonlinear Systems. IEEE Transactions on Cybernetics, 2019, 49, 649-661.	9.5	261
125	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
126	Adaptive Fuzzy Robust Fault-Tolerant Optimal Control for Nonlinear Large-Scale Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 2899-2914.	9.8	93

#	ARTICLE	IF	CITATIONS
127	Finite-Time Filter Decentralized Control for Nonstrict-Feedback Nonlinear Large-Scale Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 3289-3300.	9.8	192
128	Fuzzy Adaptive Decentralized Optimal Control for Strict Feedback Nonlinear Large-Scale Systems. IEEE Transactions on Cybernetics, 2018, 48, 1326-1339.	9.5	102
129	Adaptive Fuzzy Bounded Control for Consensus of Multiple Strict-Feedback Nonlinear Systems. IEEE Transactions on Cybernetics, 2018, 48, 522-531.	9.5	111
130	Observer-based adaptive fuzzy quantized tracking DSC design for MIMO nonstrict-feedback nonlinear systems. Neural Computing and Applications, 2018, 30, 3409-3419.	5.6	9
131	Observer-Based Adaptive Fuzzy Decentralized Optimal Control Design for Strict-Feedback Nonlinear Large-Scale Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 569-584.	9.8	344
132	Fuzzy Adaptive Control Design Strategy of Nonlinear Switched Large-Scale Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2209-2218.	9.3	95
133	Adaptive Fuzzy Control With Prescribed Performance for Block-Triangular-Structured Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 1153-1163.	9.8	112
134	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
135	Observer-Based Adaptive Fuzzy Control of Nonlinear Non-strict Feedback System with Input Delay. International Journal of Fuzzy Systems, 2018, 20, 236-245.	4.0	23
136	Adaptive Fuzzy Fault-Tolerant Control of Nontriangular Structure Nonlinear Systems With Error Constraint. IEEE Transactions on Fuzzy Systems, 2018, 26, 2062-2074.	9.8	143
137	Adaptive dynamic programming-based fuzzy control for triangular structure nonlinear uncertain systems with unknown time delay. Optimal Control Applications and Methods, 2018, 39, 819-834.	2.1	13
138	Fuzzy adaptive output feedback control for a class of switched non-triangular structure nonlinear systems with time-varying delays. International Journal of Systems Science, 2018, 49, 132-146.	5.5	12
139	Fuzzy Adaptive Backstepping Control for a Class of Active Suspension Systems. IFAC-PapersOnLine, 2018, 51, 136-141.	0.9	8
140	Adaptive prescribed performance decentralized control for stochastic nonlinear large-scale systems. International Journal of Adaptive Control and Signal Processing, 2018, 32, 1782-1800.	4.1	6
141	A Fuzzy Adaptive Control Strategy for Active Suspension Systems with Unknown Dynamics. , 2018, , .		1
142	Observer-based adaptive fuzzy control of a class of MIMO non-strict feedback nonlinear systems. Journal of the Franklin Institute, 2018, 355, 4873-4896.	3.4	16
143	Observer-based fuzzy adaptive optimal stabilization control for completely unknown nonlinear interconnected systems. Neurocomputing, 2018, 313, 415-425.	5.9	10
144	Observer-based adaptive fuzzy output constrained control for uncertain nonlinear multi-agent systems. Information Sciences, 2018, 467, 446-463.	6.9	44

#	ARTICLE	IF	CITATIONS
145	Neural Approximation-Based Adaptive Control for a Class of Nonlinear Nonstrict Feedback Discrete-Time Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017, 28, 1531-1541.	11.3	69
146	Adaptive Fuzzy Output-Feedback Stabilization Control for a Class of Switched Nonstrict-Feedback Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2017, 47, 1007-1016.	9.5	300
147	Command-Filtered-Based Fuzzy Adaptive Control Design for MIMO-Switched Nonstrict-Feedback Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2017, 25, 668-681.	9.8	214
148	Approximation-Based Adaptive Neural Tracking Control of Nonlinear MIMO Unknown Time-Varying Delay Systems With Full State Constraints. <i>IEEE Transactions on Cybernetics</i> , 2017, 47, 3100-3109.	9.5	123
149	Adaptive Fuzzy Output-Constrained Fault-Tolerant Control of Nonlinear Stochastic Large-Scale Systems With Actuator Faults. <i>IEEE Transactions on Cybernetics</i> , 2017, 47, 2362-2376.	9.5	157
150	Data-based adaptive neural network optimal output feedback control for nonlinear systems with actuator saturation. <i>Neurocomputing</i> , 2017, 247, 192-201.	5.9	31
151	Adaptive output-feedback control design with prescribed performance for switched nonlinear systems. <i>Automatica</i> , 2017, 80, 225-231.	5.0	537
152	Barrier Lyapunov functions for Nussbaum gain adaptive control of full state constrained nonlinear systems. <i>Automatica</i> , 2017, 76, 143-152.	5.0	674
153	Adaptive Controller Design-Based ABLF for a Class of Nonlinear Time-Varying State Constraint Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017, 47, 1546-1553.	9.3	227
154	Command filter-based adaptive fuzzy backstepping control for a class of switched nonlinear systems with input quantisation. <i>IET Control Theory and Applications</i> , 2017, 11, 1948-1958.	2.1	24
155	Adaptive Neural Networks Prescribed Performance Control Design for Switched Interconnected Uncertain Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017, 29, 1-10.	11.3	111
156	Neural Network Controller Design for an Uncertain Robot With Time-Varying Output Constraint. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017, 47, 2060-2068.	9.3	141
157	Fuzzy tracking adaptive control of discrete-time switched nonlinear systems. <i>Fuzzy Sets and Systems</i> , 2017, 316, 35-48.	2.7	46
158	Adaptive Neural Networks Decentralized FTC Design for Nonstrict-Feedback Nonlinear Interconnected Large-Scale Systems Against Actuator Faults. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2017, 28, 2541-2554.	11.3	230
159	Adaptive Fuzzy Output Constrained Control Design for Multi-Input Multioutput Stochastic Nonstrict-Feedback Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2017, 47, 4086-4095.	9.5	139
160	Fuzzy Adaptive Output Feedback Optimal Control Design for Strict-Feedback Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017, 47, 33-44.	9.3	108
161	Adaptive NN Control Using Integral Barrier Lyapunov Functionals for Uncertain Nonlinear Block-Triangular Constraint Systems. <i>IEEE Transactions on Cybernetics</i> , 2017, 47, 3747-3757.	9.5	161
162	Observer-based adaptive fuzzy dynamic surface control of nonlinear nonstrict feedback system. <i>IET Control Theory and Applications</i> , 2017, 11, 3115-3121.	2.1	19

#	ARTICLE	IF	CITATIONS
163	Adaptive fuzzy backstepping control for a class of MIMO switched nonlinear systems with unknown control directions. <i>Complexity</i> , 2016, 21, 155-166.	1.6	9
164	Adaptive Fuzzy Tracking Control Design for SISO Uncertain Nonstrict Feedback Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2016, 24, 1441-1454.	9.8	406
165	Adaptive control of a class of switched nonlinear discrete-time systems with unknown parameter. <i>Neurocomputing</i> , 2016, 214, 1-6.	5.9	14
166	Barrier Lyapunov Functions-based adaptive control for a class of nonlinear pure-feedback systems with full state constraints. <i>Automatica</i> , 2016, 64, 70-75.	5.0	716
167	Adaptive Fuzzy Control Design for Stochastic Nonlinear Switched Systems With Arbitrary Switchings and Unmodeled Dynamics. <i>IEEE Transactions on Cybernetics</i> , 2016, 47, 1-12.	9.5	316
168	Adaptive Fuzzy Output Feedback Control for Switched Nonlinear Systems With Unmodeled Dynamics. <i>IEEE Transactions on Cybernetics</i> , 2016, 47, 1-11.	9.5	82
169	Fuzzy Adaptive Control With State Observer for a Class of Nonlinear Discrete-Time Systems With Input Constraint. <i>IEEE Transactions on Fuzzy Systems</i> , 2016, 24, 1147-1158.	9.8	204
170	Adaptive Fuzzy Output Feedback Control for Switched Nonstrict-Feedback Nonlinear Systems With Input Nonlinearities. <i>IEEE Transactions on Fuzzy Systems</i> , 2016, 24, 1426-1440.	9.8	156
171	Optimal Control-Based Adaptive NN Design for a Class of Nonlinear Discrete-Time Block-Triangular Systems. <i>IEEE Transactions on Cybernetics</i> , 2016, 46, 2670-2680.	9.5	115
172	Observer-Based Adaptive Fuzzy Control for Switched Stochastic Nonlinear Systems With Partial Tracking Errors Constrained. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016, 46, 1605-1617.	9.3	89
173	Neural Network Control-Based Adaptive Learning Design for Nonlinear Systems With Full-State Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016, 27, 1562-1571.	11.3	424
174	Hybrid Fuzzy Adaptive Output Feedback Control Design for Uncertain MIMO Nonlinear Systems With Time-Varying Delays and Input Saturation. <i>IEEE Transactions on Fuzzy Systems</i> , 2016, 24, 841-853.	9.8	363
175	A Unified Approach to Adaptive Neural Control for Nonlinear Discrete-Time Systems With Nonlinear Dead-Zone Input. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2016, 27, 139-150.	11.3	104
176	Observed-Based Adaptive Fuzzy Decentralized Tracking Control for Switched Uncertain Nonlinear Large-Scale Systems With Dead Zones. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016, 46, 37-47.	9.3	477
177	Fuzzy adaptive quantized output feedback tracking control for switched nonlinear systems with input quantization. <i>Fuzzy Sets and Systems</i> , 2016, 290, 56-78.	2.7	108
178	Neural Controller Design-Based Adaptive Control for Nonlinear MIMO Systems With Unknown Hysteresis Inputs. <i>IEEE Transactions on Cybernetics</i> , 2016, 46, 9-19.	9.5	187
179	Fuzzy Approximation-Based Adaptive Backstepping Optimal Control for a Class of Nonlinear Discrete-Time Systems With Dead-Zone. <i>IEEE Transactions on Fuzzy Systems</i> , 2016, 24, 16-28.	9.8	402
180	Reinforcement Learning Design-Based Adaptive Tracking Control With Less Learning Parameters for Nonlinear Discrete-Time MIMO Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015, 26, 165-176.	11.3	212

#	ARTICLE	IF	CITATIONS
181	Observer-based fuzzy adaptive prescribed performance tracking control for nonlinear stochastic systems with input saturation. <i>Neurocomputing</i> , 2015, 158, 100-108.	5.9	83
182	Observed-Based Adaptive Fuzzy Tracking Control for Switched Nonlinear Systems With Dead-Zone. <i>IEEE Transactions on Cybernetics</i> , 2015, 45, 2816-2826.	9.5	236
183	Adaptive fuzzy output feedback tracking control with prescribed performance for chemical reactor of MIMO nonlinear systems. <i>Nonlinear Dynamics</i> , 2015, 80, 945-957.	5.2	22
184	Adaptive Fuzzy Output Feedback Dynamic Surface Control of Interconnected Nonlinear Pure-Feedback Systems. <i>IEEE Transactions on Cybernetics</i> , 2015, 45, 138-149.	9.5	403
185	Fuzzy Adaptive Backstepping Decentralized Control for Switched Nonlinear Large-Scale Systems with Switching Jumps. <i>International Journal of Fuzzy Systems</i> , 2015, 17, 12-21.	4.0	15
186	Fuzzy Adaptive Output Feedback Control of MIMO Nonlinear Systems With Partial Tracking Errors Constrained. <i>IEEE Transactions on Fuzzy Systems</i> , 2015, 23, 729-742.	9.8	482
187	Adaptive fuzzy backstepping control design for a class of pure-feedback switched nonlinear systems. <i>Nonlinear Analysis: Hybrid Systems</i> , 2015, 16, 72-80.	3.5	96
188	Composite Adaptive Fuzzy Output Feedback Control Design for Uncertain Nonlinear Strict-Feedback Systems With Input Saturation. <i>IEEE Transactions on Cybernetics</i> , 2015, 45, 2299-2308.	9.5	425
189	Observer-Based Adaptive Fuzzy Tracking Control of MIMO Stochastic Nonlinear Systems With Unknown Control Directions and Unknown Dead Zones. <i>IEEE Transactions on Fuzzy Systems</i> , 2015, 23, 1228-1241.	9.8	427
190	Adaptive Fuzzy Output-Feedback Control of Pure-Feedback Uncertain Nonlinear Systems With Unknown Dead Zone. <i>IEEE Transactions on Fuzzy Systems</i> , 2014, 22, 1341-1347.	9.8	155
191	Adaptive Fuzzy Decentralized Output Stabilization for Stochastic Nonlinear Large-Scale Systems With Unknown Control Directions. <i>IEEE Transactions on Fuzzy Systems</i> , 2014, 22, 1365-1372.	9.8	86
192	Adaptive output feedback control for a class of nonlinear systems with full-state constraints. <i>International Journal of Control</i> , 2014, 87, 281-290.	1.9	109
193	Fuzzy Adaptive Actuator Failure Compensation Control of Uncertain Stochastic Nonlinear Systems With Unmodeled Dynamics. <i>IEEE Transactions on Fuzzy Systems</i> , 2014, 22, 563-574.	9.8	304
194	Adaptive fuzzy backstepping output feedback tracking control of MIMO stochastic pure-feedback nonlinear systems with input saturation. <i>Fuzzy Sets and Systems</i> , 2014, 254, 26-46.	2.7	67
195	Adaptive Neural Network Output Feedback Control for Stochastic Nonlinear Systems With Unknown Dead-Zone and Unmodeled Dynamics. <i>IEEE Transactions on Cybernetics</i> , 2014, 44, 910-921.	9.5	172
196	Adaptive fuzzy output-feedback control for output constrained nonlinear systems in the presence of input saturation. <i>Fuzzy Sets and Systems</i> , 2014, 248, 138-155.	2.7	239
197	Observer-Based Adaptive Decentralized Fuzzy Fault-Tolerant Control of Nonlinear Large-Scale Systems With Actuator Failures. <i>IEEE Transactions on Fuzzy Systems</i> , 2014, 22, 1-15.	9.8	508
198	Adaptive fuzzy output feedback backstepping control of pure-feedback nonlinear systems via dynamic surface control technique. <i>International Journal of Adaptive Control and Signal Processing</i> , 2013, 27, 541-561.	4.1	28

#	ARTICLE	IF	CITATIONS
199	Adaptive Fuzzy Decentralized Output Feedback Control for Nonlinear Large-Scale Systems With Unknown Dead-Zone Inputs. IEEE Transactions on Fuzzy Systems, 2013, 21, 913-925.	9.8	75
200	Adaptive Fuzzy Output Feedback Control of MIMO Nonlinear Systems With Unknown Dead-Zone Inputs. IEEE Transactions on Fuzzy Systems, 2013, 21, 134-146.	9.8	336
201	A Combined Backstepping and Stochastic Small-Gain Approach to Robust Adaptive Fuzzy Output Feedback Control. IEEE Transactions on Fuzzy Systems, 2013, 21, 314-327.	9.8	213
202	Observer-Based Adaptive Fuzzy Backstepping Output Feedback Control of Uncertain MIMO Pure-Feedback Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2012, 20, 771-785.	9.8	334
203	Observer-based adaptive fuzzy backstepping dynamic surface control design and stability analysis for MIMO stochastic nonlinear systems. Nonlinear Dynamics, 2012, 69, 1333-1349.	5.2	40
204	Adaptive fuzzy output feedback control of uncertain nonlinear systems with unknown backlash-like hysteresis. Information Sciences, 2012, 198, 130-146.	6.9	131
205	Adaptive Fuzzy Output Feedback Tracking Backstepping Control of Strict-Feedback Nonlinear Systems With Unknown Dead Zones. IEEE Transactions on Fuzzy Systems, 2012, 20, 168-180.	9.8	419
206	Adaptive fuzzy decentralized control for nonlinear large-scale systems based on high-gain observer. Science China Information Sciences, 2012, 55, 228-242.	4.3	15
207	Adaptive Neural Output Feedback Controller Design With Reduced-Order Observer for a Class of Uncertain Nonlinear SISO Systems. IEEE Transactions on Neural Networks, 2011, 22, 1328-1334.	4.2	248
208	Observer-Based Adaptive Fuzzy Backstepping Dynamic Surface Control for a Class of MIMO Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 1124-1135.	5.0	420
209	Observer-Based Adaptive Fuzzy Backstepping Control for a Class of Stochastic Nonlinear Strict-Feedback Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 1693-1704.	5.0	537
210	Observer-based adaptive fuzzy tracking control for a class of uncertain nonlinear MIMO systems. Fuzzy Sets and Systems, 2011, 164, 25-44.	2.7	180
211	Adaptive fuzzy backstepping robust control for uncertain nonlinear systems based on small-gain approach. Fuzzy Sets and Systems, 2010, 161, 771-796.	2.7	63
212	Fuzzy-Adaptive Decentralized Output-Feedback Control for Large-Scale Nonlinear Systems With Dynamical Uncertainties. IEEE Transactions on Fuzzy Systems, 2010, 18, 845-861.	9.8	431
213	A DSC Approach to Robust Adaptive NN Tracking Control for Strict-Feedback Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 915-927.	5.0	469
214	A Novel Robust Adaptive-Fuzzy-Tracking Control for a Class of Nonlinear Multi-Input/Multi-Output Systems. IEEE Transactions on Fuzzy Systems, 2010, 18, 150-160.	9.8	272
215	Observer-based fuzzy adaptive control for strict-feedback nonlinear systems. Fuzzy Sets and Systems, 2009, 160, 1749-1764.	2.7	432
216	A Combined Backstepping and Small-Gain Approach to Robust Adaptive Fuzzy Output Feedback Control. IEEE Transactions on Fuzzy Systems, 2009, 17, 1059-1069.	9.8	383

#	ARTICLE	IF	CITATIONS
217	Fuzzy adaptive sliding-mode control for mimo nonlinear systems. IEEE Transactions on Fuzzy Systems, 2003, 11, 354-360.	9.8	325