

# Shaocheng Tong

## List of Publications by Year in descending order

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217  
papers

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docs citations

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times ranked

6523  
citing authors

#	ARTICLE	IF	CITATIONS
1	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
2	Barrier Lyapunov functions for Nussbaum gain adaptive control of full state constrained nonlinear systems. <i>Automatica</i> , 2017, 76, 143-152.	5.0	674
3	Observer-Based Adaptive Fuzzy Backstepping Control for a Class of Stochastic Nonlinear Strict-Feedback Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2011, 41, 1693-1704.	5.0	537
4	Adaptive output-feedback control design with prescribed performance for switched nonlinear systems. <i>Automatica</i> , 2017, 80, 225-231.	5.0	537
5	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
6	Adaptive control-based Barrier Lyapunov Functions for a class of stochastic nonlinear systems with full state constraints. <i>Automatica</i> , 2018, 87, 83-93.	5.0	508
7	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
8	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
9	A DSC Approach to Robust Adaptive NN Tracking Control for Strict-Feedback Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2010, 40, 915-927.	5.0	469
10	Observer-based fuzzy adaptive control for strict-feedback nonlinear systems. <i>Fuzzy Sets and Systems</i> , 2009, 160, 1749-1764.	2.7	432
11	Fuzzy-Adaptive Decentralized Output-Feedback Control for Large-Scale Nonlinear Systems With Dynamical Uncertainties. <i>IEEE Transactions on Fuzzy Systems</i> , 2010, 18, 845-861.	9.8	431
12	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
13	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
14	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
15	Observer-Based Fuzzy Adaptive Event-Triggered Control for Pure-Feedback Nonlinear Systems With Prescribed Performance. <i>IEEE Transactions on Fuzzy Systems</i> , 2019, 27, 2152-2162.	9.8	421
16	Observer-Based Adaptive Fuzzy Backstepping Dynamic Surface Control for a Class of MIMO Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2011, 41, 1124-1135.	5.0	420
17	Adaptive Fuzzy Output Feedback Tracking Backstepping Control of Strict-Feedback Nonlinear Systems With Unknown Dead Zones. <i>IEEE Transactions on Fuzzy Systems</i> , 2012, 20, 168-180.	9.8	419
18	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

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19	Adaptive Fuzzy Output Feedback Dynamic Surface Control of Interconnected Nonlinear Pure-Feedback Systems. IEEE Transactions on Cybernetics, 2015, 45, 138-149.	9.5	403
20	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
21	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
22	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
23	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
24	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
25	Hybrid Fuzzy Adaptive Output Feedback Control Design for Uncertain MIMO Nonlinear Systems With Time-Varying Delays and Input Saturation. IEEE Transactions on Fuzzy Systems, 2016, 24, 841-853.	9.8	363
26	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
27	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
28	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
29	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
30	Integral Barrier Lyapunov function-based adaptive control for switched nonlinear systems. Science China Information Sciences, 2020, 63, 1.	4.3	330
31	Fuzzy adaptive sliding-mode control for mimo nonlinear systems. IEEE Transactions on Fuzzy Systems, 2003, 11, 354-360.	9.8	325
32	Adaptive Fuzzy Control Design for Stochastic Nonlinear Switched Systems With Arbitrary Switchings and Unmodeled Dynamics. IEEE Transactions on Cybernetics, 2016, 47, 1-12.	9.5	316
33	Fuzzy Adaptive Actuator Failure Compensation Control of Uncertain Stochastic Nonlinear Systems With Unmodeled Dynamics. IEEE Transactions on Fuzzy Systems, 2014, 22, 563-574.	9.8	304
34	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
35	Adaptive Fuzzy Output-Feedback Stabilization Control for a Class of Switched Nonstrict-Feedback Nonlinear Systems. IEEE Transactions on Cybernetics, 2017, 47, 1007-1016.	9.5	300
36	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

#	ARTICLE	IF	CITATIONS
37	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
38	Observer-Based Adaptive Fuzzy Fault-Tolerant Optimal Control for SISO Nonlinear Systems. IEEE Transactions on Cybernetics, 2019, 49, 649-661.	9.5	261
39	Fuzzy Adaptive Finite-Time Control Design for Nontriangular Stochastic Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2019, 27, 172-184.	9.8	259
40	Neural Networks-Based Adaptive Control for Nonlinear State Constrained Systems With Input Delay. IEEE Transactions on Cybernetics, 2019, 49, 1249-1258.	9.5	250
41	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
42	Adaptive fuzzy output-feedback control for output constrained nonlinear systems in the presence of input saturation. Fuzzy Sets and Systems, 2014, 248, 138-155.	2.7	239
43	Observer-Based Adaptive Fuzzy Tracking Control for Switched Nonlinear Systems With Dead-Zone. IEEE Transactions on Cybernetics, 2015, 45, 2816-2826.	9.5	236
44	Adaptive Neural Networks Decentralized FTC Design for Nonstrict-Feedback Nonlinear Interconnected Large-Scale Systems Against Actuator Faults. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2541-2554.	11.3	230
45	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
46	Command-Filtered-Based Fuzzy Adaptive Control Design for MIMO-Switched Nonstrict-Feedback Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2017, 25, 668-681.	9.8	214
47	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
48	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
49	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
50	Observer-Based Fuzzy Adaptive Finite-Time Containment Control of Nonlinear Multiagent Systems With Input Delay. IEEE Transactions on Cybernetics, 2021, 51, 126-137.	9.5	209
51	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
52	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
53	Finite-Time Filter Decentralized Control for Nonstrict-Feedback Nonlinear Large-Scale Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 3289-3300.	9.8	192
54	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

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55	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
56	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
57	Fuzzy-Based Multierror Constraint Control for Switched Nonlinear Systems and Its Applications. IEEE Transactions on Fuzzy Systems, 2019, 27, 1519-1531.	9.8	180
58	Time-varying IBLFs-based adaptive control of uncertain nonlinear systems with full state constraints. Automatica, 2021, 129, 109595.	5.0	178
59	Adaptive Neural Network Output Feedback Control for Stochastic Nonlinear Systems With Unknown Dead-Zone and Unmodeled Dynamics. IEEE Transactions on Cybernetics, 2014, 44, 910-921.	9.5	172
60	Adaptive Fuzzy Inverse Optimal Control for Uncertain Strict-Feedback Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2020, 28, 2363-2374.	9.8	170
61	Event-Triggered Robust Fuzzy Adaptive Finite-Time Control of Nonlinear Systems With Prescribed Performance. IEEE Transactions on Fuzzy Systems, 2021, 29, 1460-1471.	9.8	162
62	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
63	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
64	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
65	Adaptive Fuzzy Output-Constrained Fault-Tolerant Control of Nonlinear Stochastic Large-Scale Systems With Actuator Faults. IEEE Transactions on Cybernetics, 2017, 47, 2362-2376.	9.5	157
66	Adaptive Fuzzy Output Feedback Control for Switched Nonstrict-Feedback Nonlinear Systems With Input Nonlinearities. IEEE Transactions on Fuzzy Systems, 2016, 24, 1426-1440.	9.8	156
67	Adaptive Fuzzy Output-Feedback Control of Pure-Feedback Uncertain Nonlinear Systems With Unknown Dead Zone. IEEE Transactions on Fuzzy Systems, 2014, 22, 1341-1347.	9.8	155
68	Neural network based adaptive event trigger control for a class of electromagnetic suspension systems. Control Engineering Practice, 2021, 106, 104675.	5.5	150
69	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
70	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
71	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
72	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

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73	Adaptive Fuzzy Output Constrained Control Design for Multi-Input Multioutput Stochastic Nonstrict-Feedback Nonlinear Systems. IEEE Transactions on Cybernetics, 2017, 47, 4086-4095.	9.5	139
74	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
75	Adaptive fuzzy output feedback control of uncertain nonlinear systems with unknown backlash-like hysteresis. Information Sciences, 2012, 198, 130-146.	6.9	131
76	Fixed-time adaptive neural tracking control for a class of uncertain nonstrict nonlinear systems. Neurocomputing, 2019, 363, 273-280.	5.9	129
77	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
78	Observer-Based Fuzzy Adaptive Inverse Optimal Output Feedback Control for Uncertain Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 1484-1495.	9.8	119
79	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
80	Adaptive Fuzzy Control With Prescribed Performance for Block-Triangular-Structured Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 1153-1163.	9.8	112
81	Adaptive Neural Networks Prescribed Performance Control Design for Switched Interconnected Uncertain Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2017, 29, 1-10.	11.3	111
82	Adaptive Fuzzy Bounded Control for Consensus of Multiple Strict-Feedback Nonlinear Systems. IEEE Transactions on Cybernetics, 2018, 48, 522-531.	9.5	111
83	Event-Trigger-Based Finite-Time Fuzzy Adaptive Control for Stochastic Nonlinear System With Unmodeled Dynamics. IEEE Transactions on Fuzzy Systems, 2021, 29, 1914-1926.	9.8	110
84	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
85	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
86	Adaptive Fuzzy Prescribed Performance Control of Nontriangular Structure Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2020, 28, 2416-2426.	9.8	109
87	Fuzzy adaptive quantized output feedback tracking control for switched nonlinear systems with input quantization. Fuzzy Sets and Systems, 2016, 290, 56-78.	2.7	108
88	Fuzzy Adaptive Output Feedback Optimal Control Design for Strict-Feedback Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 33-44.	9.3	108
89	A Novel Adaptive NN Prescribed Performance Control for Stochastic Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 3196-3205.	11.3	108
90	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

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91	Fuzzy Adaptive Decentralized Optimal Control for Strict Feedback Nonlinear Large-Scale Systems. IEEE Transactions on Cybernetics, 2018, 48, 1326-1339.	9.5	102
92	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
93	Adaptive fuzzy backstepping control design for a class of pure-feedback switched nonlinear systems. Nonlinear Analysis: Hybrid Systems, 2015, 16, 72-80.	3.5	96
94	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
95	Adaptive Fuzzy Robust Fault-Tolerant Optimal Control for Nonlinear Large-Scale Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 2899-2914.	9.8	93
96	Observer-Based Adaptive Fuzzy Control for Switched Stochastic Nonlinear Systems With Partial Tracking Errors Constrained. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 1605-1617.	9.3	89
97	Adaptive Fuzzy Decentralized Output Stabilization for Stochastic Nonlinear Large-Scale Systems With Unknown Control Directions. IEEE Transactions on Fuzzy Systems, 2014, 22, 1365-1372.	9.8	86
98	A Novel Finite-Time Control for Nonstrict Feedback Saturated Nonlinear Systems With Tracking Error Constraint. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 3968-3979.	9.3	86
99	Observer-based fuzzy adaptive prescribed performance tracking control for nonlinear stochastic systems with input saturation. Neurocomputing, 2015, 158, 100-108.	5.9	83
100	Adaptive Fuzzy Output Feedback Control for Switched Nonlinear Systems With Unmodeled Dynamics. IEEE Transactions on Cybernetics, 2016, 47, 1-11.	9.5	82
101	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
102	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
103	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
104	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
105	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
106	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
107	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
108	Neural-Network-Based Adaptive Event-Triggered Consensus Control of Nonstrict-Feedback Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 1750-1764.	11.3	73

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109	Neural-Network-Based Adaptive DSC Design for Switched Fractional-Order Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 4703-4712.	11.3	72
110	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
111	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
112	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
113	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
114	Adaptive fuzzy backstepping output feedback tracking control of MIMO stochastic pure-feedback nonlinear systems with input saturation. Fuzzy Sets and Systems, 2014, 254, 26-46.	2.7	67
115	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
116	Observer-Based Adaptive Fuzzy Containment Control for Multiple Uncertain Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2019, 27, 2079-2089.	9.8	65
117	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
118	Observer-Based Adaptive Fuzzy Decentralized Event-Triggered Control of Interconnected Nonlinear System. IEEE Transactions on Cybernetics, 2020, 50, 3104-3112.	9.5	64
119	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
120	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
121	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
122	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
123	Adaptive Fuzzy Backstepping Tracking Control for Flexible Robotic Manipulator. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1923-1930.	13.1	55
124	Fuzzy Adaptive Fault-Tolerant Control of Fractional-Order Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, , 1-8.	9.3	49
125	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
126	Fuzzy tracking adaptive control of discrete-time switched nonlinear systems. Fuzzy Sets and Systems, 2017, 316, 35-48.	2.7	46



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127	Observer-based adaptive fuzzy output constrained control for uncertain nonlinear multi-agent systems. <i>Information Sciences</i> , 2018, 467, 446-463.	6.9	44
128	Adaptive fuzzy output feedback inverse optimal control for vehicle active suspension systems. <i>Neurocomputing</i> , 2020, 403, 257-267.	5.9	43
129	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
130	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
131	Observer-based adaptive fuzzy backstepping dynamic surface control design and stability analysis for MIMO stochastic nonlinear systems. <i>Nonlinear Dynamics</i> , 2012, 69, 1333-1349.	5.2	40
132	Finite-Time Adaptive Fuzzy Decentralized Control for Nonstrict-Feedback Nonlinear Systems With Output-Constraint. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020, 50, 5271-5284.	9.3	39
133	Adaptive Fuzzy Containment Control of Nonlinear Systems With Unmeasurable States. <i>IEEE Transactions on Cybernetics</i> , 2019, 49, 961-973.	9.5	38
134	Event-Triggered Adaptive Neural Control for Fractional-Order Nonlinear Systems Based on Finite-Time Scheme. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 9481-9489.	9.5	37
135	IBLF-Based Adaptive Neural Control of State-Constrained Uncertain Stochastic Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022, 33, 7345-7356.	11.3	35
136	Neural Network Adaptive Output-Feedback Optimal Control for Active Suspension Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 4021-4032.	9.3	34
137	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
138	Finite-Time Fuzzy Adaptive PPC for Nonstrict-Feedback Nonlinear MIMO Systems. <i>IEEE Transactions on Cybernetics</i> , 2023, 53, 732-742.	9.5	34
139	Distributed Adaptive Fuzzy Event-Triggered Containment Control of Nonlinear Strict-Feedback Systems. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 3973-3983.	9.5	32
140	Model-Free Containment Control of Underactuated Surface Vessels Under Switching Topologies Based on Guiding Vector Fields and Data-Driven Neural Predictors. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 10843-10854.	9.5	32
141	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
142	Adaptive Fuzzy Finite-Time Output-Feedback Fault-Tolerant Control of Nonstrict-Feedback Systems Against Actuator Faults. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 1276-1287.	9.3	31
143	Relative Threshold-Based Event-Triggered Control for Nonlinear Constrained Systems With Application to Aircraft Wing Rock Motion. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 911-921.	11.3	29
144	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

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145	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
146	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
147	Adaptive Fuzzy Event-Triggered Control for Leader-Following Consensus of High-Order Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2020, 28, 2389-2400.	9.8	24
148	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
149	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
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