

Shaocheng Tong

List of Publications by Year in Descending Order

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

203 papers	19,818 citations	76 h-index	139 g-index
218 ext. papers	23,712 ext. citations	6.3 avg, IF	8.22 L-index

#	Paper	IF	Citations
203	Performance Improvement of Active Suspension Constrained System via Neural Network Identification.. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2022 , PP,	10.3	3
202	PDE Based Adaptive Control of Flexible Riser System With Input Backlash and State Constraints. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2022 , 1-10	3.9	2
201	Adaptive neural network decentralized fault-tolerant control for nonlinear interconnected fractional-order systems. <i>Neurocomputing</i> , 2022 , 488, 14-22	5.4	0
200	NN adaptive optimal tracking control for a class of uncertain nonstrict feedback nonlinear systems. <i>Neurocomputing</i> , 2022 , 491, 382-394	5.4	0
199	Finite-Time Fuzzy Adaptive PPC for Nonstrict-Feedback Nonlinear MIMO Systems.. <i>IEEE Transactions on Cybernetics</i> , 2022 , PP,	10.2	1
198	Adaptive NN Control of Electro-Hydraulic System with Full State Constraints. <i>Electronics (Switzerland)</i> , 2022 , 11, 1483	2.6	
197	Adaptive Fuzzy Decentralized Dynamic Surface Control for Fractional-Order Nonlinear Large-Scale Systems 2021 , 436		
196	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	10.3	25
195	Event-Triggered Adaptive Fuzzy Asymptotic Tracking Control of Nonlinear Pure-Feedback Systems With Prescribed Performance. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	2
194	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	13
193	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 ,	2.8	
192	Neural Network Output-Feedback Consensus Fault-Tolerant Control for Nonlinear Multiagent Systems With Intermittent Actuator Faults. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	2
191	Adaptive Fuzzy Decentralized Control for Fractional-Order Nonlinear Large-Scale Systems With Unmodeled Dynamics. <i>IEEE Access</i> , 2021 , 9, 142594-142604	3.5	0
190	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	10.3	5
189	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	10.3	32
188	Adaptive fuzzy decentralised control for fractional-order interconnected nonlinear systems with input saturation. <i>International Journal of Systems Science</i> , 2021 , 52, 2689-2703	2.3	6
187	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	2.8	0

186	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	2.5	0
185	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	10.3	35
184	Adaptive fuzzy output feedback FTC for nonstrict-feedback systems with sensor faults and dead zone input. <i>Neurocomputing</i> , 2021 , 435, 67-76	5.4	3
183	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	7.7	7
182	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	8.3	9
181	Observer-Based Fuzzy Adaptive Inverse Optimal Output Feedback Control for Uncertain Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 1484-1495	8.3	35
180	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	8.3	70
179	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	10.3	25
178	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	10.2	87
177	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	2.3	6
176	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	2.3	5
175	Neural network based adaptive event trigger control for a class of electromagnetic suspension systems. <i>Control Engineering Practice</i> , 2021 , 106, 104675	3.9	66
174	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	2.3	5
173	Adaptive finite-time fault-tolerant control for interconnected nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2021 , 31, 1564-1581	3.6	4
172	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	10.2	20
171	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	10.2	27
170	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	7.3	45
169	Finite-Time Adaptive Fuzzy Prescribed Performance Control for High-Order Stochastic Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	7

168	IBLF-Based Adaptive Neural Control of State-Constrained Uncertain Stochastic Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	9
167	Anti-Saturation-Based Adaptive Sliding-Mode Control for Active Suspension Systems With Time-Varying Vertical Displacement and Speed Constraints. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	5
166	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 , 1-1	4.7	2
165	Disturbance Observer-Based Adaptive Fuzzy Control for Strict-Feedback Nonlinear Systems with Finite-Time Prescribed Performance. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	12
164	Intelligent Motion Tracking Control of Vehicle Suspension Systems With Constraints via Neural Performance Analysis. <i>IEEE Transactions on Intelligent Transportation Systems</i> , 2021 , 1-8	6.1	0
163	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> , 2021 , PP,	10.2	9
162	Event-Triggered Adaptive Neural Control for Fractional-Order Nonlinear Systems Based on Finite-Time Scheme. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	2
161	Neural Network Adaptive Output-Feedback Optimal Control for Active Suspension Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-12	7.3	8
160	Time-varying IBLFs-based adaptive control of uncertain nonlinear systems with full state constraints. <i>Automatica</i> , 2021 , 129, 109595	5.7	52
159	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	3.9	7
158	Adaptive Optimized Backstepping Control-Based RL Algorithm for Stochastic Nonlinear Systems With State Constraints and Its Application. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	10
157	Relative Threshold-Based Event-Triggered Control for Nonlinear Constrained Systems With Application to Aircraft Wing Rock Motion. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	8
156	Observer-Based Neuro-Adaptive Optimized Control of Strict-Feedback Nonlinear Systems With State Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	85
155	Adaptive Fuzzy Output-Feedback Decentralized Control for Fractional-Order Nonlinear Large-Scale Systems. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	4
154	Observer-Based Adaptive Optimized Control for Stochastic Nonlinear Systems With Input and State Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	10
153	Adaptive Finite-Time Neural Constrained Control for Nonlinear Active Suspension Systems Based on Command Filter. <i>IEEE Transactions on Artificial Intelligence</i> , 2021 , 1-1	4.7	1
152	Adaptive Neural Network Control for a Class of Nonlinear Systems With Function Constraints on States. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , PP,	10.3	28
151	Broad Learning System Approximation-Based Adaptive Optimal Control for Unknown Discrete-Time Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-11	7.3	3

150	Adaptive Neural Network Finite-Time Control for Multi-Input and Multi-Output Nonlinear Systems With Positive Powers of Odd Rational Numbers. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 2532-2543	10.3	46
149	Adaptive fuzzy optimal control for a class of active suspension systems with full-state constraints. <i>IET Intelligent Transport Systems</i> , 2020 , 14, 371-381	2.4	11
148	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> , 2020 , 1-1	8.3	9
147	. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	41
146	Adaptive fuzzy output feedback inverse optimal control for vehicle active suspension systems. <i>Neurocomputing</i> , 2020 , 403, 257-267	5.4	16
145	Observer-Based Adaptive Fuzzy Tracking Control for Strict-Feedback Nonlinear Systems With Unknown Control Gain Functions. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 3903-3913	10.2	257
144	Finite-time optimal control for interconnected nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 3451-3470	3.6	6
143	Integral Barrier Lyapunov function-based adaptive control for switched nonlinear systems. <i>Science China Information Sciences</i> , 2020 , 63, 1	3.4	181
142	NN Reinforcement Learning Adaptive Control for a Class of Nonstrict-Feedback Discrete-Time Systems. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 4573-4584	10.2	108
141	A Bound Estimation Approach for Adaptive Fuzzy Asymptotic Tracking of Uncertain Stochastic Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	3
140	Event-triggered adaptive fuzzy bipartite consensus control of multiple autonomous underwater vehicles. <i>IET Control Theory and Applications</i> , 2020 , 14, 3632-3642	2.5	5
139	Actuator Failure Compensation-Based Adaptive Control of Active Suspension Systems With Prescribed Performance. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 7044-7053	8.9	53
138	Adaptive Fuzzy Inverse Optimal Control for Uncertain Strict-Feedback Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 2363-2374	8.3	67
137	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> , 2020 , 1-13	7.3	5
136	Finite-Time Adaptive Quantized Control of Stochastic Nonlinear Systems With Input Quantization: A Broad Learning System Based Identification Method. <i>IEEE Transactions on Industrial Electronics</i> , 2020 , 67, 8555-8565	8.9	37
135	Adaptive Neural Networks Finite-Time Optimal Control for a Class of Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 4451-4460	10.3	174
134	Adaptive Fuzzy Event-Triggered Control design for Nonlinear Systems With Full State Constraints. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	0
133	Adaptive Finite-Time Control for Half-Vehicle Active Suspension Systems With Uncertain Dynamics. <i>IEEE/ASME Transactions on Mechatronics</i> , 2020 , 1-1	5.5	11

132	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> , 2020 , 1-12	7.3	5
131	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	7.3	25
130	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	7.3	23
129	An Adaptive Neural Network Controller for Active Suspension Systems With Hydraulic Actuator. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 50, 5351-5360	7.3	36
128	Observer-Based Adaptive Fuzzy Decentralized Event-Triggered Control of Interconnected Nonlinear System. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 3104-3112	10.2	29
127	Distributed Adaptive Fuzzy Event-Triggered Containment Control of Nonlinear Strict-Feedback Systems. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 3973-3983	10.2	15
126	Adaptive Neural Network Learning Controller Design for a Class of Nonlinear Systems With Time-Varying State Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 66-75	10.3	59
125	Fuzzy Approximation-Based Adaptive Control of Nonlinear Uncertain State Constrained Systems With Time-Varying Delays. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 1620-1630	8.3	29
124	Barrier Lyapunov Function-Based Adaptive Fuzzy FTC for Switched Systems and Its Applications to Resistance-Inductance-Capacitance Circuit System. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 3491-3502	10.2	95
123	Adaptive Fuzzy Prescribed Performance Control of Nontriangular Structure Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 2416-2426	8.3	47
122	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	8.3	10
121	Fuzzy Adaptive Fault-Tolerant Control for a Class of Active Suspension Systems with Time Delay. <i>International Journal of Fuzzy Systems</i> , 2019 , 21, 2054-2065	3.6	6
120	Adaptive Neural Network Control for Active Suspension Systems With Time-Varying Vertical Displacement and Speed Constraints. <i>IEEE Transactions on Industrial Electronics</i> , 2019 , 66, 9458-9466	8.9	117
119	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	8.3	309
118	Fuzzy adaptive tracking control for switched nonlinear systems with full time-varying state constraints. <i>Neurocomputing</i> , 2019 , 352, 1-11	5.4	11
117	Fuzzy Adaptive Fault-Tolerant Control of Fractional-Order Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 1-8	7.3	29
116	Observer-based finite-time fuzzy adaptive control for MIMO non-strict feedback nonlinear systems with errors constraint. <i>Neurocomputing</i> , 2019 , 341, 135-148	5.4	15
115	Fuzzy Adaptive Finite Time Fault-tolerant Control for Multi-input and Multi-output Nonlinear Systems with Actuator Faults. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 1655-1665	2.9	11

114	Adaptive NN Control Without Feasibility Conditions for Nonlinear State Constrained Stochastic Systems With Unknown Time Delays. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 4485-4494	10.2	48
113	Fuzzy Adaptive Practical Finite-Time Control for Time Delays Nonlinear Systems. <i>International Journal of Fuzzy Systems</i> , 2019 , 21, 1013-1025	3.6	6
112	Fuzzy adaptive optimal control for nonlinear switched systems with actuator hysteresis. <i>International Journal of Adaptive Control and Signal Processing</i> , 2019 , 33, 609-625	2.8	13
111	Neural Networks-Based Adaptive Finite-Time Fault-Tolerant Control for a Class of Strict-Feedback Switched Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 2536-2545	10.2	252
110	Event-triggered control design for nonlinear systems with actuator failures and uncertain disturbances. <i>International Journal of Robust and Nonlinear Control</i> , 2019 , 29, 6199-6211	3.6	15
109	Fixed-time adaptive neural tracking control for a class of uncertain nonstrict nonlinear systems. <i>Neurocomputing</i> , 2019 , 363, 273-280	5.4	48
108	Observer-based fuzzy adaptive quantized control for uncertain nonlinear multiagent systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2019 , 33, 567-585	2.8	6
107	Finite-Time Adaptive Fuzzy Output Feedback Dynamic Surface Control for MIMO Nonstrict Feedback Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 96-110	8.3	244
106	Adaptive Fuzzy Control for Nontriangular Structural Stochastic Switched Nonlinear Systems With Full State Constraints. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 1587-1601	8.3	232
105	Fuzzy Adaptive Finite-Time Control Design for Nontriangular Stochastic Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 172-184	8.3	169
104	Fuzzy-Based Multierror Constraint Control for Switched Nonlinear Systems and Its Applications. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 1519-1531	8.3	133
103	Neural Network Filtering Control Design for Nontriangular Structure Switched Nonlinear Systems in Finite Time. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 2153-2162	10.3	113
102	Adaptive Fuzzy Containment Control of Nonlinear Strict-Feedback Systems With Full State Constraints. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 2024-2038	8.3	49
101	Observer-Based Adaptive Fuzzy Containment Control for Multiple Uncertain Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 2079-2089	8.3	31
100	Neural Network Controller Design for a Class of Nonlinear Delayed Systems With Time-Varying Full-State Constraints. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 2625-2636	10.3	104
99	Fuzzy Adaptive Distributed Event-Triggered Consensus Control of Uncertain Nonlinear Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 1777-1786	7.3	66
98	Neural Networks-Based Adaptive Control for Nonlinear State Constrained Systems With Input Delay. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 1249-1258	10.2	164
97	Adaptive Fuzzy Containment Control of Nonlinear Systems With Unmeasurable States. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 961-973	10.2	30

96	Observer-Based Adaptive Fuzzy Fault-Tolerant Optimal Control for SISO Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 649-661	10.2	168
95	Adaptive Fuzzy Backstepping Tracking Control for Flexible Robotic Manipulator. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2018 , 1-9	7	19
94	Adaptive Fuzzy Output Feedback Control for a Class of Nonlinear Systems With Full State Constraints. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 2607-2617	8.3	166
93	Adaptive Fuzzy Robust Fault-Tolerant Optimal Control for Nonlinear Large-Scale Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 2899-2914	8.3	68
92	Finite-Time Filter Decentralized Control for Nonstrict-Feedback Nonlinear Large-Scale Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 3289-3300	8.3	155
91	Fuzzy Adaptive Decentralized Optimal Control for Strict Feedback Nonlinear Large-Scale Systems. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 1326-1339	10.2	77
90	Adaptive Fuzzy Bounded Control for Consensus of Multiple Strict-Feedback Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , 2018 , 48, 522-531	10.2	74
89	Observer-based adaptive fuzzy quantized tracking DSC design for MIMO nonstrict-feedback nonlinear systems. <i>Neural Computing and Applications</i> , 2018 , 30, 3409-3419	4.8	5
88	Observer-Based Adaptive Fuzzy Decentralized Optimal Control Design for Strict-Feedback Nonlinear Large-Scale Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 569-584	8.3	215
87	Fuzzy Adaptive Control Design Strategy of Nonlinear Switched Large-Scale Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2209-2218	7.3	71
86	Adaptive Fuzzy Control With Prescribed Performance for Block-Triangular-Structured Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 1153-1163	8.3	93
85	Adaptive control-based Barrier Lyapunov Functions for a class of stochastic nonlinear systems with full state constraints. <i>Automatica</i> , 2018 , 87, 83-93	5.7	348
84	Observer-Based Adaptive Fuzzy Control of Nonlinear Non-strict Feedback System with Input Delay. <i>International Journal of Fuzzy Systems</i> , 2018 , 20, 236-245	3.6	17
83	Adaptive Fuzzy Fault-Tolerant Control of Nontriangular Structure Nonlinear Systems With Error Constraint. <i>IEEE Transactions on Fuzzy Systems</i> , 2018 , 26, 2062-2074	8.3	100
82	Observer-based adaptive fuzzy output constrained control for uncertain nonlinear multi-agent systems. <i>Information Sciences</i> , 2018 , 467, 446-463	7.7	23
81	Adaptive Neural Networks Prescribed Performance Control Design for Switched Interconnected Uncertain Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2018 , 29, 3059-3068	10.3	67
80	Adaptive-dynamic-programming-based fuzzy control for triangular structure nonlinear uncertain systems with unknown time delay. <i>Optimal Control Applications and Methods</i> , 2018 , 39, 819-834	1.7	8
79	Fuzzy adaptive output feedback control for a class of switched non-triangular structure nonlinear systems with time-varying delays. <i>International Journal of Systems Science</i> , 2018 , 49, 132-146	2.3	10

78	Fuzzy Adaptive Backstepping Control for a Class of Active Suspension Systems. <i>IFAC-PapersOnLine</i> , 2018 , 51, 136-141	0.7	6
77	Adaptive prescribed performance decentralized control for stochastic nonlinear large-scale systems. <i>International Journal of Adaptive Control and Signal Processing</i> , 2018 , 32, 1782-1800	2.8	4
76	A Fuzzy Adaptive Control Strategy for Active Suspension Systems with Unknown Dynamics 2018 ,		1
75	Observer-based adaptive fuzzy control of a class of MIMO non-strict feedback nonlinear systems. <i>Journal of the Franklin Institute</i> , 2018 , 355, 4873-4896	4	12
74	Observer-based fuzzy adaptive optimal stabilization control for completely unknown nonlinear interconnected systems. <i>Neurocomputing</i> , 2018 , 313, 415-425	5.4	8
73	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	10.3	61
72	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	10.2	258
71	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	8.3	163
70	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	10.2	97
69	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	10.2	127
68	Data-based adaptive neural network optimal output feedback control for nonlinear systems with actuator saturation. <i>Neurocomputing</i> , 2017 , 247, 192-201	5.4	23
67	Adaptive output-feedback control design with prescribed performance for switched nonlinear systems. <i>Automatica</i> , 2017 , 80, 225-231	5.7	386
66	Barrier Lyapunov functions for Nussbaum gain adaptive control of full state constrained nonlinear systems. <i>Automatica</i> , 2017 , 76, 143-152	5.7	527
65	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	7.3	169
64	Adaptive Fuzzy Control Design for Stochastic Nonlinear Switched Systems With Arbitrary Switchings and Unmodeled Dynamics. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 403-414	10.2	265
63	Adaptive Fuzzy Output Feedback Control for Switched Nonlinear Systems With Unmodeled Dynamics. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 295-305	10.2	73
62	Command filter-based adaptive fuzzy backstepping control for a class of switched non-linear systems with input quantisation. <i>IET Control Theory and Applications</i> , 2017 , 11, 1948-1958	2.5	20
61	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	7.3	91

60	Fuzzy tracking adaptive control of discrete-time switched nonlinear systems. <i>Fuzzy Sets and Systems</i> , 2017 , 316, 35-48	3.7	41
59	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	10.3	175
58	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	10.2	111
57	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	7.3	75
56	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	10.2	118
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