

Shaocheng Tong

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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	Barrier Lyapunov functions for Nussbaum gain adaptive control of full state constrained nonlinear systems. <i>Automatica</i> , 2017 , 76, 143-152	5.7	527
202	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	5.7	513
201	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, 1693-704		452
200	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	8.3	427
199	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	7.3	408
198	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	8.3	388
197	Adaptive output-feedback control design with prescribed performance for switched nonlinear systems. <i>Automatica</i> , 2017 , 80, 225-231	5.7	386
196	Observer-based fuzzy adaptive control for strict-feedback nonlinear systems. <i>Fuzzy Sets and Systems</i> , 2009 , 160, 1749-1764	3.7	380
195	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, 915-27		376
194	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	8.3	374
193	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	8.3	359
192	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	8.3	353
191	Composite Adaptive Fuzzy Output Feedback Control Design for Uncertain Nonlinear Strict-Feedback Systems With Input Saturation. <i>IEEE Transactions on Cybernetics</i> , 2015 , 45, 2299-308	10.2	349
190	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
189	A Combined Backstepping and Small-Gain Approach to Robust Adaptive Fuzzy Output Feedback Control. <i>IEEE Transactions on Fuzzy Systems</i> , 2009 , 17, 1059-1069	8.3	342
188	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, 1124-35		338
187	Adaptive fuzzy output feedback dynamic surface control of interconnected nonlinear pure-feedback systems. <i>IEEE Transactions on Cybernetics</i> , 2015 , 45, 138-49	10.2	337

186	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	8.3	331
185	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	8.3	325
184	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, 1562-71	10.3	323
183	Adaptive Fuzzy Tracking Control Design for SISO Uncertain Nonstrict Feedback Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2016 , 24, 1441-1454	8.3	316
182	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
181	Adaptive Fuzzy Output Feedback Control of MIMO Nonlinear Systems With Unknown Dead-Zone Inputs. <i>IEEE Transactions on Fuzzy Systems</i> , 2013 , 21, 134-146	8.3	285
180	Observer-Based Adaptive Fuzzy Backstepping Output Feedback Control of Uncertain MIMO Pure-Feedback Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2012 , 20, 771-785	8.3	283
179	Fuzzy adaptive sliding-mode control for MIMO nonlinear systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2003 , 11, 354-360	8.3	273
178	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	8.3	267
177	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
176	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
175	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
174	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
173	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
172	A Novel Robust Adaptive-Fuzzy-Tracking Control for a Class of Nonlinear Multi-Input/Multi-Output Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2010 , 18, 150-160	8.3	240
171	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
170	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
169	Adaptive neural output feedback controller design with reduced-order observer for a class of uncertain nonlinear SISO systems. <i>IEEE Transactions on Neural Networks</i> , 2011 , 22, 1328-34		194

168	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	3.7	186
167	A Combined Backstepping and Stochastic Small-Gain Approach to Robust Adaptive Fuzzy Output Feedback Control. <i>IEEE Transactions on Fuzzy Systems</i> , 2013 , 21, 314-327	8.3	186
166	Integral Barrier Lyapunov function-based adaptive control for switched nonlinear systems. <i>Science China Information Sciences</i> , 2020 , 63, 1	3.4	181
165	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	8.3	178
164	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
163	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
162	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, 165-76	10.3	173
161	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
160	Observed-Based Adaptive Fuzzy Tracking Control for Switched Nonlinear Systems With Dead-Zone. <i>IEEE Transactions on Cybernetics</i> , 2015 , 45, 2816-26	10.2	169
159	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
158	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
157	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
156	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
155	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
154	Neural Controller Design-Based Adaptive Control for Nonlinear MIMO Systems With Unknown Hysteresis Inputs. <i>IEEE Transactions on Cybernetics</i> , 2016 , 46, 9-19	10.2	162
153	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
152	Observer-based adaptive fuzzy tracking control for a class of uncertain nonlinear MIMO systems. <i>Fuzzy Sets and Systems</i> , 2011 , 164, 25-44	3.7	151
151	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, 910-21	10.2	145

150	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	8.3	134
149	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
148	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
147	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	8.3	123
146	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
145	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
144	Adaptive fuzzy output feedback control of uncertain nonlinear systems with unknown backlash-like hysteresis. <i>Information Sciences</i> , 2012 , 198, 130-146	7.7	115
143	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
142	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
141	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
140	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
139	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
138	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	10.2	98
137	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
136	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
135	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
134	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, 139-50	10.3	91
133	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

132	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
131	Adaptive output feedback control for a class of nonlinear systems with full-state constraints. <i>International Journal of Control</i> , 2014 , 87, 281-290	1.5	85
130	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
129	Fuzzy adaptive quantized output feedback tracking control for switched nonlinear systems with input quantization. <i>Fuzzy Sets and Systems</i> , 2016 , 290, 56-78	3.7	81
128	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
127	Adaptive Fuzzy backstepping control design for a class of pure-feedback switched nonlinear systems. <i>Nonlinear Analysis: Hybrid Systems</i> , 2015 , 16, 72-80	4.5	76
126	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
125	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
124	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
123	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
122	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	7.3	70
121	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
120	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
119	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
118	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
117	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
116	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
115	Adaptive Fuzzy Decentralized Output Feedback Control for Nonlinear Large-Scale Systems With Unknown Dead-Zone Inputs. <i>IEEE Transactions on Fuzzy Systems</i> , 2013 , 21, 913-925	8.3	65

114	Observer-based fuzzy adaptive prescribed performance tracking control for nonlinear stochastic systems with input saturation. <i>Neurocomputing</i> , 2015 , 158, 100-108	5.4	65
113	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	8.3	62
112	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
111	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
110	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	3.7	56
109	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
108	Time-varying IBLFs-based adaptive control of uncertain nonlinear systems with full state constraints. <i>Automatica</i> , 2021 , 129, 109595	5.7	52
107	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
106	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
105	Fixed-time adaptive neural tracking control for a class of uncertain nonstrict nonlinear systems. <i>Neurocomputing</i> , 2019 , 363, 273-280	5.4	48
104	Adaptive fuzzy backstepping robust control for uncertain nonlinear systems based on small-gain approach. <i>Fuzzy Sets and Systems</i> , 2010 , 161, 771-796	3.7	47
103	Adaptive Fuzzy Prescribed Performance Control of Nontriangular Structure Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 2416-2426	8.3	47
102	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
101	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
100	. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	41
99	Fuzzy tracking adaptive control of discrete-time switched nonlinear systems. <i>Fuzzy Sets and Systems</i> , 2017 , 316, 35-48	3.7	41
98	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
97	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	36

96	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
95	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, 1575-1583	10.3	35
94	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
93	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
92	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
91	Adaptive Fuzzy Containment Control of Nonlinear Systems With Unmeasurable States. <i>IEEE Transactions on Cybernetics</i> , 2019 , 49, 961-973	10.2	30
90	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
89	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
88	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
87	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
86	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
85	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	2.8	25
84	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
83	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
82	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
81	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
80	Observer-based adaptive fuzzy output constrained control for uncertain nonlinear multi-agent systems. <i>Information Sciences</i> , 2018 , 467, 446-463	7.7	23
79	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

78	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
77	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
76	Adaptive Fuzzy Backstepping Tracking Control for Flexible Robotic Manipulator. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2018 , 1-9	7	19
75	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	19
74	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
73	Observer-based adaptive fuzzy dynamic surface control of non-linear non-strict feedback system. <i>IET Control Theory and Applications</i> , 2017 , 11, 3115-3121	2.5	17
72	Adaptive fuzzy output feedback inverse optimal control for vehicle active suspension systems. <i>Neurocomputing</i> , 2020 , 403, 257-267	5.4	16
71	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
70	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
69	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
68	Adaptive fuzzy decentralized control for nonlinear large-scale systems based on high-gain observer. <i>Science China Information Sciences</i> , 2012 , 55, 228-242	3.4	14
67	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
66	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	13
65	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
64	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
63	Fuzzy adaptive tracking control for switched nonlinear systems with full time-varying state constraints. <i>Neurocomputing</i> , 2019 , 352, 1-11	5.4	11
62	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	2.8	11
61	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	3.6	11

60	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
59	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
58	Adaptive control of a class of switched nonlinear discrete-time systems with unknown parameter. <i>Neurocomputing</i> , 2016 , 214, 1-6	5.4	11
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