Qi Zhou

List of Publications by Citations

88 papers	5,416 citations	38 h-index	73 g-index
94 ext. papers	6,407 ext. citations	4.6 avg, IF	6.74 L-index

#	Paper	IF	Citations
88	Adaptive Output-Feedback Fuzzy Tracking Control for a Class of Nonlinear Systems. *IEEE Transactions on Fuzzy Systems*, **2011**, 19, 972-982	8.3	278
87	Adaptive Fuzzy Control for Nonstrict-Feedback Systems With Input Saturation and Output Constraint. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2017**, 47, 1-12	7.3	273
86	Observer-based adaptive neural network control for nonlinear stochastic systems with time delay. *IEEE Transactions on Neural Networks and Learning Systems*, **2013**, 24, 71-80	10.3	255
85	Robust stability for uncertain delayed fuzzy Hopfield neural networks with Markovian jumping parameters. *IEEE Transactions on Systems, Man, and Cybernetics*, **2009**, 39, 94-102		248
84	Neural-network-based decentralized adaptive output-feedback control for large-scale stochastic nonlinear systems. *IEEE Transactions on Systems, Man, and Cybernetics*, **2012**, 42, 1608-19		241
83	Adaptive Sliding Mode Control for Interval Type-2 Fuzzy Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2016**, 46, 1654-1663	7.3	226
82	Adaptive Fuzzy Control of Nonlinear Systems With Unmodeled Dynamics and Input Saturation Using Small-Gain Approach. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2017**, 47, 1979-1989	7.3	214
81	Adaptive Neural Network Tracking Control for Robotic Manipulators With Dead Zone. *IEEE Transactions on Neural Networks and Learning Systems*, **2019**, 30, 3611-3620	10.3	181
80	Approximation-Based Adaptive Tracking Control for MIMO Nonlinear Systems With Input Saturation. *IEEE Transactions on Cybernetics*, **2015**, 45, 2119-28	10.2	180
79	Adaptive Neural Control of Uncertain Nonstrict-Feedback Stochastic Nonlinear Systems with Output Constraint and Unknown Dead Zone. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2017**, 47, 2048-2059	7.3	179
78	Adaptive Output Feedback Control for Nonlinear Time-Delay Systems by Fuzzy Approximation Approach. *IEEE Transactions on Fuzzy Systems*, **2013**, 21, 301-313	8.3	166
77	Adaptive Fuzzy Control of Stochastic Nonstrict-Feedback Nonlinear Systems With Input Saturation. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2017**, 47, 2185-2197	7.3	159
76	Prescribed Performance Observer-Based Adaptive Fuzzy Control for Nonstrict-Feedback Stochastic Nonlinear Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 1747-1758	7.3	159
75	Filter Design for Interval Type-2 Fuzzy Systems With D Stability Constraints Under a Unified Frame. *IEEE Transactions on Fuzzy Systems*, **2015**, 23, 719-725	8.3	154
74	Event-Triggered Consensus Control for Multi-Agent Systems Against False Data-Injection Attacks. *IEEE Transactions on Cybernetics*, **2020**, 50, 1856-1866	10.2	130
73	Adaptive Dynamic Surface Control Design for Uncertain Nonlinear Strict-Feedback Systems With Unknown Control Direction and Disturbances. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 49, 506-515	7.3	125
72	Observer-Based Event-Triggered Adaptive Decentralized Fuzzy Control for Nonlinear Large-Scale Systems. *IEEE Transactions on Fuzzy Systems*, **2019**, 27, 1201-1214	8.3	113

71	Adaptive Fuzzy Control for Nonstrict Feedback Systems With Unmodeled Dynamics and Fuzzy Dead Zone via Output Feedback. *IEEE Transactions on Cybernetics*, **2017**, 47, 2400-2412	10.2	109
70	Decentralized Adaptive Fuzzy Tracking Control for Robot Finger Dynamics. *IEEE Transactions on Fuzzy Systems*, **2015**, 23, 501-510	8.3	105
69	Observer-based adaptive fuzzy tracking control of nonlinear systems with time delay and input saturation. *Fuzzy Sets and Systems*, **2017**, 316, 49-68	3.7	105
68	Observer-Based Adaptive Fuzzy Fault-Tolerant Control for Stochastic Nonstrict-Feedback Nonlinear Systems With Input Quantization. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 49, 287-298	7.3	102
67	Relaxed Control Design of Discrete-Time Takagi–Sugeno Fuzzy Systems: An Event-Triggered Real-Time Scheduling Approach. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2018**, 48, 2251-2262	7.3	98
66	Observer-Based Event-Triggered Fuzzy Adaptive Bipartite Containment Control of Multiagent Systems With Input Quantization. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 372-384	8.3	90
65	Adaptive Reinforcement Learning Neural Network Control for Uncertain Nonlinear System With Input Saturation. *IEEE Transactions on Cybernetics*, **2020**, 50, 3433-3443	10.2	87
64	Distributed adaptive consensus tracking control for nonlinear multi-agent systems with state constraints. *Applied Mathematics and Computation*, **2018**, 326, 16-32	2.7	85
63	Adaptive Distributed Observer Approach for Cooperative Containment Control of Nonidentical Networks. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2019**, 49, 299-307	7.3	72
62	Adaptive fuzzy tracking control for a class of pure-feedback nonlinear systems with time-varying delay and unknown dead zone. *Fuzzy Sets and Systems*, **2017**, 329, 36-60	3.7	68
61	Robust control of uncertain semi-Markovian jump systems using sliding mode control method. *Applied Mathematics and Computation*, **2016**, 286, 72-87	2.7	68
60	Event-Triggered Adaptive Fuzzy Control for Stochastic Nonlinear Systems With Unmeasured States and Unknown Backlash-Like Hysteresis. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 1273-1283	8.3	66
59	Fault estimation for a class of nonlinear semi-Markovian jump systems with partly unknown transition rates and output quantization. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 5962-5980	3.6	65
58	Observer-Based Adaptive Event-Triggered Control for Nonstrict-Feedback Nonlinear Systems With Output Constraint and Actuator Failures. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 51, 1380-1391	7.3	62
57	Mean square exponential stability of stochastic fuzzy Hopfield neural networks with discrete and distributed time-varying delays. *Neurocomputing*, **2009**, 72, 2017-2023	5.4	61
56	Event-Triggered Fuzzy Adaptive Containment Control for Nonlinear Multiagent Systems With Unknown Bouc–Wen Hysteresis Input. *IEEE Transactions on Fuzzy Systems*, **2021**, 29, 731-741	8.3	60
55	Finite-Horizon H State Estimation for Periodic Neural Networks Over Fading Channels. *IEEE Transactions on Neural Networks and Learning Systems*, **2020**, 31, 1450-1460	10.3	50
54	Nussbaum gain adaptive backstepping control of nonlinear strict-feedback systems with unmodeled dynamics and unknown dead zone. *International Journal of Robust and Nonlinear Control*, **2018**, 28, 5326-5343	3.6	50

53	On stabilization and set stabilization of multivalued logical systems. *Automatica*, **2017**, 80, 41-47	5.7	49
52	Stability and Stabilization of Nonlinear Switched Systems Under Average Dwell Time. *Applied Mathematics and Computation*, **2017**, 298, 77-94	2.7	48
51	Observer-based adaptive control for stochastic nonstrict-feedback systems with unknown backlash-like hysteresis. *International Journal of Adaptive Control and Signal Processing*, **2017**, 31, 1481-1490	2.8	43
50	Adaptive Fixed-Time Control of Error-Constrained Pure-Feedback Interconnected Nonlinear Systems. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-12	7.3	38
49	Adaptive fuzzy backstepping dynamic surface control for nonlinear Input-delay systems. *Neurocomputing*, **2016**, 199, 58-65	5.4	35
48	Disturbance-observer-based event-triggered control for multi-agent systems with input saturation. *Scientia Sinica Informationis*, **2019**, 49, 1502-1516	2.3	33
47	Stability analysis of delayed genetic regulatory networks with stochastic disturbances. *Physics Letters, Section A: General, Atomic and Solid State Physics*, **2009**, 373, 3715-3723	2.3	32
46	Adaptive fuzzy decentralized control for a class of pure-feedback large-scale nonlinear systems. *Nonlinear Dynamics*, **2014**, 75, 449-460	5	30
45	Fault detection for interval type-2 fuzzy systems with sensor nonlinearities. *Neurocomputing*, **2014**, 145, 488-494	5.4	27
44	Finite frequency fuzzy H∞ control for uncertain active suspension systems with sensor failure. *IEEE/CAA Journal of Automatica Sinica*, **2018**, 5, 777-786	7	24
43	Dissipativity-Based Reliable Interval Type-2 Fuzzy Filter Design for Uncertain Nonlinear Systems. *International Journal of Fuzzy Systems*, **2018**, 20, 390-402	3.6	24
42	Adaptive sliding mode controller design of Markov jump systems with time-varying actuator faults and partly unknown transition probabilities. *Nonlinear Analysis: Hybrid Systems*, **2018**, 28, 105-122	4.5	20
41	Observer-based finite-time H∞ control for uncertain discrete-time nonhomogeneous Markov jump systems. *Journal of the Franklin Institute*, **2019**, 356, 1730-1749	4	19
40	Sliding mode control for state-delayed Markov jump systems with partly unknown transition probabilities. *Nonlinear Dynamics*, **2018**, 91, 475-486	5	19
39	Stability of genetic regulatory networks with time-varying delay: Delta operator method. *Neurocomputing*, **2015**, 149, 490-495	5.4	17
38	Adaptive Prescribed Performance Control of A Flexible-Joint Robotic Manipulator With Dynamic Uncertainties. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	17
37	Observer-based Event-triggered Sliding Mode Control for Markov Jump Systems with Partially Unknown Transition Probabilities. *International Journal of Control, Automation and Systems*, **2019**, 17, 1626-1633	2.9	16
36	Distributed Event-Triggered Formation Control of USVs with Prescribed Performance. *Journal of Systems Science and Complexity*, 1	1	16

35	Global output feedback stabilisation for a class of stochastic feedforward non-linear systems with state time delay. *IET Control Theory and Applications*, **2015**, 9, 963-971	2.5	15
34	Finite-Time (H_{infty }) Filtering for Discrete-Time Piecewise Homogeneous Markov Jump Systems with Missing Measurements. *Circuits, Systems, and Signal Processing*, **2018**, 37, 3927-3945	2.2	14
33	Approximation-Based Nussbaum Gain Adaptive Control of Nonlinear Systems With Periodic Disturbances. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2021**, 1-10	7.3	14
32	New dissipativity condition of stochastic fuzzy neural networks with discrete and distributed time-varying delays. *Neurocomputing*, **2015**, 162, 267-272	5.4	13
31	Fault-tolerant Control for Uncertain Vehicle Active Steering Systems with Time-delay and Actuator Fault. *International Journal of Control, Automation and Systems*, **2019**, 17, 2234-2241	2.9	13
30	Fuzzy tracking control for nonlinear multi-agent systems with actuator faults and unknown control directions. *Fuzzy Sets and Systems*, **2020**, 385, 81-97	3.7	13
29	Fuzzy guaranteed cost output tracking control for fuzzy discrete-time systems with different premise variables. *Complexity*, **2016**, 21, 265-276	1.6	12
28	Event-triggered finite-time reliable control for nonhomogeneous Markovian jump systems. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 1831-1849	3.6	10
27	A new delay-range-dependent H filter design for TS nonlinear systems. *Journal of the Franklin Institute*, **2014**, 351, 3305-3321	4	9
26	Multigradient recursive reinforcement learning NN control for affine nonlinear systems with unmodeled dynamics. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 1643-1663	3.6	9
25	Adaptive Bipartite Tracking Control of Nonlinear Multiagent Systems With Input Quantization. *IEEE Transactions on Cybernetics*, **2020**, PP,	10.2	8
24	Distributed Finite-Time Containment Control for Nonlinear Multiagent Systems With Mismatched Disturbances. *IEEE Transactions on Cybernetics*, **2021**, PP,	10.2	8
23	Design of observer-based controller for TS fuzzy systems with intermittent measurements. *Neurocomputing*, **2016**, 174, 689-697	5.4	7
22	Saturated Threshold Event-Triggered Control for Multiagent Systems Under Sensor Attacks and Its Application to UAVs. *IEEE Transactions on Circuits and Systems I: Regular Papers*, **2021**, 1-12	3.9	7
21	Neural adaptive prescribed performance control for interconnected nonlinear systems with output dead zone. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 999-1020	3.6	7
20	Observer-Based Fuzzy Control for Four-Wheel Independently Driven Electric Vehicles with Active Steering Systems. *International Journal of Fuzzy Systems*, **2020**, 22, 89-100	3.6	7
19	Quantized control for polynomial fuzzy discrete-time systems. *Complexity*, **2015**, 21, 325-332	1.6	6
18	Adaptive consensus control for stochastic nonlinear multiagent systems with full state constraints. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 1487-1511	3.6	6

17	Event-triggered neural control for non-strict-feedback systems with actuator failures. *IET Control Theory and Applications*, **2019**, 13, 171-182	2.5	6
16	Sliding mode output-feedback control of discrete-time Markov jump systems using singular system method. *Journal of the Franklin Institute*, **2018**, 355, 5576-5591	4	6
15	Adaptive neural control for multiagent systems with asymmetric time-varying state constraints and input saturation. *International Journal of Robust and Nonlinear Control*, **2020**, 30, 4764-4778	3.6	5
14	Adaptive fuzzy control for pure-feedback systems with full state constraints and unknown nonlinear dead zone. *Applied Mathematics and Computation*, **2019**, 343, 354-371	2.7	5
13	Fault Detection and Isolation for Semi-Markov Jump Systems with Generally Uncertain Transition Rates Based on Geometric Approach. *Circuits, Systems, and Signal Processing*, **2019**, 38, 1039-1062	2.2	4
12	Robust Decentralized Adaptive Neural Control for a Class of Nonaffine Nonlinear Large-Scale Systems with Unknown Dead Zones. *Mathematical Problems in Engineering*, **2014**, 2014, 1-10	1.1	4
11	Stability Analysis for Uncertain Neural Networks of Neutral Type with Time-Varying Delay in the Leakage Term and Distributed Delay. *Abstract and Applied Analysis*, **2013**, 2013, 1-11	0.7	4
10	Adaptive Event-Triggered H_{∞} Control for Markov Jump Systems with Generally Uncertain Transition Rates. *Circuits, Systems, and Signal Processing*, **2020**, 39, 5429-5453	2.2	3
9	Implementation of the load frequency control by two approaches: variable gain super-twisting algorithm and super-twisting-like algorithm. *Nonlinear Dynamics*, **2018**, 93, 1073-1086	5	3
8	Funnel Control of Uncertain High-Order Nonlinear Systems With Unknown Rational Powers. *IEEE Transactions on Systems, Man, and Cybernetics: Systems*, **2020**, 1-10	7.3	3
7	Fuzzy Control for Uncertain Electric Vehicle Systems with Sensor Failures and Actuator Saturation. *International Journal of Fuzzy Systems*, **2020**, 22, 1444-1453	3.6	1
6	New Results on Robust Model Predictive Control for Time-Delay Systems with Input Constraints. *Journal of Applied Mathematics*, **2014**, 2014, 1-12	1.1	1
5	State-Feedback Stabilization for a Class of Stochastic Feedforward Nonlinear Time-Delay Systems. *Abstract and Applied Analysis*, **2013**, 2013, 1-8	0.7	1
4	Control Design for Discrete-Time Fuzzy Systems with Disturbance Inputs via Delta Operator Approach. *Mathematical Problems in Engineering*, **2013**, 2013, 1-13	1.1	1
3	Polynomial-Approximation-Based Control for Nonlinear Systems. *Circuits, Systems, and Signal Processing*, **2016**, 35, 3575-3594	2.2	0
2	Observer-based dynamic event-triggered control for nonstrict-feedback stochastic nonlinear multiagent systems. *Applied Mathematics and Computation*, **2022**, 430, 127289	2.7	0
1	Direct Adaptive Tracking Control for a Class of Pure-Feedback Stochastic Nonlinear Systems Based on Fuzzy-Approximation. *Abstract and Applied Analysis*, **2014**, 2014, 1-10	0.7	