

Qi Zhou

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.

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	Observer-based dynamic event-triggered control for nonstrict-feedback stochastic nonlinear multiagent systems. <i>Applied Mathematics and Computation</i> , 2022 , 430, 127289	2.7	0
87	Saturated Threshold Event-Triggered Control for Multiagent Systems Under Sensor Attacks and Its Application to UAVs. <i>IEEE Transactions on Circuits and Systems I: Regular Papers</i> , 2021 , 1-12	3.9	7
86	Event-Triggered Adaptive Fuzzy Control for Stochastic Nonlinear Systems With Unmeasured States and Unknown Backlash-Like Hysteresis. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 1273-1283	8.3	66
85	Observer-Based Adaptive Event-Triggered Control for Nonstrict-Feedback Nonlinear Systems With Output Constraint and Actuator Failures. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 51, 1380-1391	7.3	62
84	Observer-Based Event-Triggered Fuzzy Adaptive Bipartite Containment Control of Multiagent Systems With Input Quantization. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 372-384	8.3	90
83	Event-Triggered Fuzzy Adaptive Containment Control for Nonlinear Multiagent Systems With Unknown Bounded Hysteresis Input. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 29, 731-741	8.3	60
82	Approximation-Based Nussbaum Gain Adaptive Control of Nonlinear Systems With Periodic Disturbances. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021 , 1-10	7.3	14
81	Adaptive Prescribed Performance Control of A Flexible-Joint Robotic Manipulator With Dynamic Uncertainties. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	17
80	Distributed Finite-Time Containment Control for Nonlinear Multiagent Systems With Mismatched Disturbances. <i>IEEE Transactions on Cybernetics</i> , 2021 , PP,	10.2	8
79	Adaptive neural control for multiagent systems with asymmetric time-varying state constraints and input saturation. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 4764-4778	3.6	5
78	Adaptive Event-Triggered (H_{∞}) Control for Markov Jump Systems with Generally Uncertain Transition Rates. <i>Circuits, Systems, and Signal Processing</i> , 2020 , 39, 5429-5453	2.2	3
77	Fuzzy Control for Uncertain Electric Vehicle Systems with Sensor Failures and Actuator Saturation. <i>International Journal of Fuzzy Systems</i> , 2020 , 22, 1444-1453	3.6	1
76	Adaptive Bipartite Tracking Control of Nonlinear Multiagent Systems With Input Quantization. <i>IEEE Transactions on Cybernetics</i> , 2020 , PP,	10.2	8
75	Adaptive Fixed-Time Control of Error-Constrained Pure-Feedback Interconnected Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-12	7.3	38
74	Event-triggered finite-time reliable control for nonhomogeneous Markovian jump systems. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 1831-1849	3.6	10
73	Multigradient recursive reinforcement learning NN control for affine nonlinear systems with unmodeled dynamics. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 1643-1663	3.6	9
72	Neural adaptive prescribed performance control for interconnected nonlinear systems with output dead zone. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 999-1020	3.6	7

71	Adaptive consensus control for stochastic nonlinear multiagent systems with full state constraints. <i>International Journal of Robust and Nonlinear Control</i> , 2020 , 30, 1487-1511	3.6	6
70	Observer-Based Fuzzy Control for Four-Wheel Independently Driven Electric Vehicles with Active Steering Systems. <i>International Journal of Fuzzy Systems</i> , 2020 , 22, 89-100	3.6	7
69	Funnel Control of Uncertain High-Order Nonlinear Systems With Unknown Rational Powers. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-10	7.3	3
68	Fuzzy tracking control for nonlinear multi-agent systems with actuator faults and unknown control directions. <i>Fuzzy Sets and Systems</i> , 2020 , 385, 81-97	3.7	13
67	Event-Triggered Consensus Control for Multi-Agent Systems Against False Data-Injection Attacks. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 1856-1866	10.2	130
66	Finite-Horizon H State Estimation for Periodic Neural Networks Over Fading Channels. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2020 , 31, 1450-1460	10.3	50
65	Adaptive Reinforcement Learning Neural Network Control for Uncertain Nonlinear System With Input Saturation. <i>IEEE Transactions on Cybernetics</i> , 2020 , 50, 3433-3443	10.2	87
64	Observer-based finite-time H ₂ control for uncertain discrete-time nonhomogeneous Markov jump systems. <i>Journal of the Franklin Institute</i> , 2019 , 356, 1730-1749	4	19
63	Observer-based Event-triggered Sliding Mode Control for Markov Jump Systems with Partially Unknown Transition Probabilities. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 1626-1633	2.9	16
62	Observer-Based Adaptive Fuzzy Fault-Tolerant Control for Stochastic Nonstrict-Feedback Nonlinear Systems With Input Quantization. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 287-298	7.3	102
61	Adaptive Dynamic Surface Control Design for Uncertain Nonlinear Strict-Feedback Systems With Unknown Control Direction and Disturbances. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 506-515	7.3	125
60	Fault Detection and Isolation for Semi-Markov Jump Systems with Generally Uncertain Transition Rates Based on Geometric Approach. <i>Circuits, Systems, and Signal Processing</i> , 2019 , 38, 1039-1062	2.2	4
59	Fault-tolerant Control for Uncertain Vehicle Active Steering Systems with Time-delay and Actuator Fault. <i>International Journal of Control, Automation and Systems</i> , 2019 , 17, 2234-2241	2.9	13
58	Disturbance-observer-based event-triggered control for multi-agent systems with input saturation. <i>Scientia Sinica Informationis</i> , 2019 , 49, 1502-1516	2.3	33
57	Event-triggered neural control for non-strict-feedback systems with actuator failures. <i>IET Control Theory and Applications</i> , 2019 , 13, 171-182	2.5	6
56	Adaptive Neural Network Tracking Control for Robotic Manipulators With Dead Zone. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2019 , 30, 3611-3620	10.3	181
55	Adaptive fuzzy control for pure-feedback systems with full state constraints and unknown nonlinear dead zone. <i>Applied Mathematics and Computation</i> , 2019 , 343, 354-371	2.7	5
54	Observer-Based Event-Triggered Adaptive Decentralized Fuzzy Control for Nonlinear Large-Scale Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2019 , 27, 1201-1214	8.3	113

53	Adaptive Distributed Observer Approach for Cooperative Containment Control of Nonidentical Networks. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2019 , 49, 299-307	7.3	72
52	Prescribed Performance Observer-Based Adaptive Fuzzy Control for Nonstrict-Feedback Stochastic Nonlinear Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 1747-1758	7.3	159
51	Distributed adaptive consensus tracking control for nonlinear multi-agent systems with state constraints. <i>Applied Mathematics and Computation</i> , 2018 , 326, 16-32	2.7	85
50	Finite-Time (H_{∞}) Filtering for Discrete-Time Piecewise Homogeneous Markov Jump Systems with Missing Measurements. <i>Circuits, Systems, and Signal Processing</i> , 2018 , 37, 3927-3945	2.2	14
49	Implementation of the load frequency control by two approaches: variable gain super-twisting algorithm and super-twisting-like algorithm. <i>Nonlinear Dynamics</i> , 2018 , 93, 1073-1086	5	3
48	Sliding mode control for state-delayed Markov jump systems with partly unknown transition probabilities. <i>Nonlinear Dynamics</i> , 2018 , 91, 475-486	5	19
47	Relaxed Control Design of Discrete-Time Takagi-Sugeno Fuzzy Systems: An Event-Triggered Real-Time Scheduling Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2018 , 48, 2251-2262	7.3	98
46	Finite frequency fuzzy H_{∞} control for uncertain active suspension systems with sensor failure. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2018 , 5, 777-786	7	24
45	Adaptive sliding mode controller design of Markov jump systems with time-varying actuator faults and partly unknown transition probabilities. <i>Nonlinear Analysis: Hybrid Systems</i> , 2018 , 28, 105-122	4.5	20
44	Dissipativity-Based Reliable Interval Type-2 Fuzzy Filter Design for Uncertain Nonlinear Systems. <i>International Journal of Fuzzy Systems</i> , 2018 , 20, 390-402	3.6	24
43	Fault estimation for a class of nonlinear semi-Markovian jump systems with partly unknown transition rates and output quantization. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 5962-5980	3.6	65
42	Nussbaum gain adaptive backstepping control of nonlinear strict-feedback systems with unmodeled dynamics and unknown dead zone. <i>International Journal of Robust and Nonlinear Control</i> , 2018 , 28, 5326-5343	3.6	50
41	Sliding mode output-feedback control of discrete-time Markov jump systems using singular system method. <i>Journal of the Franklin Institute</i> , 2018 , 355, 5576-5591	4	6
40	Adaptive Fuzzy Control for Nonstrict-Feedback Systems With Input Saturation and Output Constraint. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1-12	7.3	273
39	Adaptive Fuzzy Control of Stochastic Nonstrict-Feedback Nonlinear Systems With Input Saturation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 2185-2197	7.3	159
38	Adaptive Fuzzy Control for Nonstrict Feedback Systems With Unmodeled Dynamics and Fuzzy Dead Zone via Output Feedback. <i>IEEE Transactions on Cybernetics</i> , 2017 , 47, 2400-2412	10.2	109
37	On stabilization and set stabilization of multivalued logical systems. <i>Automatica</i> , 2017 , 80, 41-47	5.7	49
36	Adaptive Neural Control of Uncertain Nonstrict-Feedback Stochastic Nonlinear Systems with Output Constraint and Unknown Dead Zone. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 2048-2059	7.3	179

35	Observer-based adaptive fuzzy tracking control of nonlinear systems with time delay and input saturation. <i>Fuzzy Sets and Systems</i> , 2017 , 316, 49-68	3.7	105
34	Adaptive fuzzy tracking control for a class of pure-feedback nonlinear systems with time-varying delay and unknown dead zone. <i>Fuzzy Sets and Systems</i> , 2017 , 329, 36-60	3.7	68
33	Stability and Stabilization of Nonlinear Switched Systems Under Average Dwell Time. <i>Applied Mathematics and Computation</i> , 2017 , 298, 77-94	2.7	48
32	Adaptive Fuzzy Control of Nonlinear Systems With Unmodeled Dynamics and Input Saturation Using Small-Gain Approach. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2017 , 47, 1979-1989	7.3	214
31	Observer-based adaptive control for stochastic nonstrict-feedback systems with unknown backlash-like hysteresis. <i>International Journal of Adaptive Control and Signal Processing</i> , 2017 , 31, 1481-1490	2.8	43
30	Design of observer-based controller for TS fuzzy systems with intermittent measurements. <i>Neurocomputing</i> , 2016 , 174, 689-697	5.4	7
29	Fuzzy guaranteed cost output tracking control for fuzzy discrete-time systems with different premise variables. <i>Complexity</i> , 2016 , 21, 265-276	1.6	12
28	Polynomial-Approximation-Based Control for Nonlinear Systems. <i>Circuits, Systems, and Signal Processing</i> , 2016 , 35, 3575-3594	2.2	0
27	Adaptive fuzzy backstepping dynamic surface control for nonlinear Input-delay systems. <i>Neurocomputing</i> , 2016 , 199, 58-65	5.4	35
26	Adaptive Sliding Mode Control for Interval Type-2 Fuzzy Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016 , 46, 1654-1663	7.3	226
25	Robust control of uncertain semi-Markovian jump systems using sliding mode control method. <i>Applied Mathematics and Computation</i> , 2016 , 286, 72-87	2.7	68
24	Global output feedback stabilisation for a class of stochastic feedforward non-linear systems with state time delay. <i>IET Control Theory and Applications</i> , 2015 , 9, 963-971	2.5	15
23	Approximation-Based Adaptive Tracking Control for MIMO Nonlinear Systems With Input Saturation. <i>IEEE Transactions on Cybernetics</i> , 2015 , 45, 2119-28	10.2	180
22	New dissipativity condition of stochastic fuzzy neural networks with discrete and distributed time-varying delays. <i>Neurocomputing</i> , 2015 , 162, 267-272	5.4	13
21	Stability of genetic regulatory networks with time-varying delay: Delta operator method. <i>Neurocomputing</i> , 2015 , 149, 490-495	5.4	17
20	Decentralized Adaptive Fuzzy Tracking Control for Robot Finger Dynamics. <i>IEEE Transactions on Fuzzy Systems</i> , 2015 , 23, 501-510	8.3	105
19	Quantized control for polynomial fuzzy discrete-time systems. <i>Complexity</i> , 2015 , 21, 325-332	1.6	6
18	Filter Design for Interval Type-2 Fuzzy Systems With D Stability Constraints Under a Unified Frame. <i>IEEE Transactions on Fuzzy Systems</i> , 2015 , 23, 719-725	8.3	154

17	Adaptive fuzzy decentralized control for a class of pure-feedback large-scale nonlinear systems. <i>Nonlinear Dynamics</i> , 2014 , 75, 449-460	5	30
16	A new delay-range-dependent H _∞ filter design for TS nonlinear systems. <i>Journal of the Franklin Institute</i> , 2014 , 351, 3305-3321	4	9
15	Fault detection for interval type-2 fuzzy systems with sensor nonlinearities. <i>Neurocomputing</i> , 2014 , 145, 488-494	5.4	27
14	Direct Adaptive Tracking Control for a Class of Pure-Feedback Stochastic Nonlinear Systems Based on Fuzzy-Approximation. <i>Abstract and Applied Analysis</i> , 2014 , 2014, 1-10	0.7	
13	Robust Decentralized Adaptive Neural Control for a Class of Nonaffine Nonlinear Large-Scale Systems with Unknown Dead Zones. <i>Mathematical Problems in Engineering</i> , 2014 , 2014, 1-10	1.1	4
12	New Results on Robust Model Predictive Control for Time-Delay Systems with Input Constraints. <i>Journal of Applied Mathematics</i> , 2014 , 2014, 1-12	1.1	1
11	Adaptive Output Feedback Control for Nonlinear Time-Delay Systems by Fuzzy Approximation Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2013 , 21, 301-313	8.3	166
10	Observer-based adaptive neural network control for nonlinear stochastic systems with time delay. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2013 , 24, 71-80	10.3	255
9	State-Feedback Stabilization for a Class of Stochastic Feedforward Nonlinear Time-Delay Systems. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-8	0.7	1
8	Stability Analysis for Uncertain Neural Networks of Neutral Type with Time-Varying Delay in the Leakage Term and Distributed Delay. <i>Abstract and Applied Analysis</i> , 2013 , 2013, 1-11	0.7	4
7	Control Design for Discrete-Time Fuzzy Systems with Disturbance Inputs via Delta Operator Approach. <i>Mathematical Problems in Engineering</i> , 2013 , 2013, 1-13	1.1	1
6	Neural-network-based decentralized adaptive output-feedback control for large-scale stochastic nonlinear systems. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2012 , 42, 1608-19		241
5	Adaptive Output-Feedback Fuzzy Tracking Control for a Class of Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2011 , 19, 972-982	8.3	278
4	Mean square exponential stability of stochastic fuzzy Hopfield neural networks with discrete and distributed time-varying delays. <i>Neurocomputing</i> , 2009 , 72, 2017-2023	5.4	61
3	Stability analysis of delayed genetic regulatory networks with stochastic disturbances. <i>Physics Letters, Section A: General, Atomic and Solid State Physics</i> , 2009 , 373, 3715-3723	2.3	32
2	Robust stability for uncertain delayed fuzzy Hopfield neural networks with Markovian jumping parameters. <i>IEEE Transactions on Systems, Man, and Cybernetics</i> , 2009 , 39, 94-102		248
1	Distributed Event-Triggered Formation Control of USVs with Prescribed Performance. <i>Journal of Systems Science and Complexity</i> , 1	1	16