Yong-ming Li

List of Publications by Year
in descending order

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113 papers	12,230 citations	46984 47 h-index	37183 96 g-index
113 all docs	113 docs citations	113 times ranked	3841 citing authors

#	Article	IF	Citations
1	Observer-Based Adaptive Fuzzy Backstepping Control for a Class of Stochastic Nonlinear Strict-Feedback Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 1693-1704.	5.5	537
2	Adaptive output-feedback control design with prescribed performance for switched nonlinear systems. Automatica, 2017, 80, 225-231.	3.0	537
3	Observer-Based Adaptive Decentralized Fuzzy Fault-Tolerant Control of Nonlinear Large-Scale Systems With Actuator Failures. IEEE Transactions on Fuzzy Systems, 2014, 22, 1-15.	6.5	508
4	Fuzzy Adaptive Output Feedback Control of MIMO Nonlinear Systems With Partial Tracking Errors Constrained. IEEE Transactions on Fuzzy Systems, 2015, 23, 729-742.	6.5	482
5	Observed-Based Adaptive Fuzzy Decentralized Tracking Control for Switched Uncertain Nonlinear Large-Scale Systems With Dead Zones. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 37-47.	5.9	477
6	Observer-based fuzzy adaptive control for strict-feedback nonlinear systems. Fuzzy Sets and Systems, 2009, 160, 1749-1764.	1.6	432
7	Fuzzy-Adaptive Decentralized Output-Feedback Control for Large-Scale Nonlinear Systems With Dynamical Uncertainties. IEEE Transactions on Fuzzy Systems, 2010, 18, 845-861.	6.5	431
8	Observer-Based Adaptive Fuzzy Tracking Control of MIMO Stochastic Nonlinear Systems With Unknown Control Directions and Unknown Dead Zones. IEEE Transactions on Fuzzy Systems, 2015, 23, 1228-1241.	6.5	427
9	Observer-Based Adaptive Fuzzy Backstepping Dynamic Surface Control for a Class of MIMO Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2011, 41, 1124-1135.	5.5	420
10	Adaptive Fuzzy Output Feedback Tracking Backstepping Control of Strict-Feedback Nonlinear Systems With Unknown Dead Zones. IEEE Transactions on Fuzzy Systems, 2012, 20, 168-180.	6.5	419
11	Adaptive Fuzzy Tracking Control Design for SISO Uncertain Nonstrict Feedback Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2016, 24, 1441-1454.	6.5	406
12	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.	6.5	402
13	Finite-Time Adaptive Fuzzy Output Feedback Dynamic Surface Control for MIMO Nonstrict Feedback Systems. IEEE Transactions on Fuzzy Systems, 2019, 27, 96-110.	6.5	382
14	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.	6.5	363
15	Fuzzy Adaptive Actuator Failure Compensation Control of Uncertain Stochastic Nonlinear Systems With Unmodeled Dynamics. IEEE Transactions on Fuzzy Systems, 2014, 22, 563-574.	6.5	304
16	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.	7.2	301
17	Adaptive Fuzzy Output-Feedback Stabilization Control for a Class of Switched Nonstrict-Feedback Nonlinear Systems. IEEE Transactions on Cybernetics, 2017, 47, 1007-1016.	6.2	300
18	Observer-Based Adaptive Fuzzy Fault-Tolerant Optimal Control for SISO Nonlinear Systems. IEEE Transactions on Cybernetics, 2019, 49, 649-661.	6.2	261

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19	Observed-Based Adaptive Fuzzy Tracking Control for Switched Nonlinear Systems With Dead-Zone. IEEE Transactions on Cybernetics, 2015, 45, 2816-2826.	6.2	236
20	Adaptive Fuzzy Robust Output Feedback Control of Nonlinear Systems With Unknown Dead Zones Based on a Small-Gain Approach. IEEE Transactions on Fuzzy Systems, 2014, 22, 164-176.	6.5	234
21	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.	7.2	230
22	Command-Filtered-Based Fuzzy Adaptive Control Design for MIMO-Switched Nonstrict-Feedback Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2017, 25, 668-681.	6.5	214
23	A Combined Backstepping and Stochastic Small-Gain Approach to Robust Adaptive Fuzzy Output Feedback Control. IEEE Transactions on Fuzzy Systems, 2013, 21, 314-327.	6.5	213
24	Observer-Based Fuzzy Adaptive Finite-Time Containment Control of Nonlinear Multiagent Systems With Input Delay. IEEE Transactions on Cybernetics, 2021, 51, 126-137.	6.2	209
25	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.	6.2	172
26	Adaptive Fuzzy Inverse Optimal Control for Uncertain Strict-Feedback Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2020, 28, 2363-2374.	6.5	170
27	Adaptive Fuzzy Output Feedback Control for Switched Nonstrict-Feedback Nonlinear Systems With Input Nonlinearities. IEEE Transactions on Fuzzy Systems, 2016, 24, 1426-1440.	6.5	156
28	Adaptive Fuzzy Output-Feedback Control of Pure-Feedback Uncertain Nonlinear Systems With Unknown Dead Zone. IEEE Transactions on Fuzzy Systems, 2014, 22, 1341-1347.	6.5	155
29	Adaptive Fuzzy Fault-Tolerant Control of Nontriangular Structure Nonlinear Systems With Error Constraint. IEEE Transactions on Fuzzy Systems, 2018, 26, 2062-2074.	6.5	143
30	Adaptive Fuzzy Output Constrained Control Design for Multi-Input Multioutput Stochastic Nonstrict-Feedback Nonlinear Systems. IEEE Transactions on Cybernetics, 2017, 47, 4086-4095.	6.2	139
31	Observer-based adaptive fuzzy backstepping control of uncertain nonlinear pure-feedback systems. Science China Information Sciences, 2014, 57, 1-14.	2.7	131
32	Robust adaptive fuzzy backstepping output feedback tracking control for nonlinear system with dynamic uncertainties. Science China Information Sciences, 2010, 53, 307-324.	2.7	129
33	Observer-Based Fuzzy Adaptive Inverse Optimal Output Feedback Control for Uncertain Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 1484-1495.	6.5	119
34	Fuzzy Adaptive Output Feedback Optimal Control Design for Strict-Feedback Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 33-44.	5.9	108
35	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.	5.9	89
36	Adaptive Fuzzy Decentralized Output Stabilization for Stochastic Nonlinear Large-Scale Systems With Unknown Control Directions. IEEE Transactions on Fuzzy Systems, 2014, 22, 1365-1372.	6.5	86

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37	Indirect adaptive fuzzy control for input and output constrained nonlinear systems using a barrier Lyapunov function. International Journal of Adaptive Control and Signal Processing, 2014, 28, 184-199.	2.3	86
38	Adaptive Fuzzy Output Feedback Control for Switched Nonlinear Systems With Unmodeled Dynamics. IEEE Transactions on Cybernetics, 2016, 47, 1-11.	6.2	82
39	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.	7.2	79
40	Fuzzy Adaptive Optimized Leader-Following Formation Control for Second-Order Stochastic Multiagent Systems. IEEE Transactions on Industrial Informatics, 2022, 18, 6026-6037.	7.2	78
41	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.	6.5	75
42	Prescribed performance fuzzy adaptive faultâ€tolerant control of nonâ€linear systems with actuator faults. IET Control Theory and Applications, 2014, 8, 420-431.	1.2	75
43	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.	1.6	67
44	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.	7.2	66
45	Adaptive fuzzy decentralized output feedback control for stochastic nonlinear largeâ€scale systems using DSC technique. International Journal of Robust and Nonlinear Control, 2013, 23, 381-399.	2.1	63
46	Adaptive Neural Network Finite-Time Dynamic Surface Control for Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5688-5697.	7.2	51
47	Finite-Time Fuzzy Adaptive Constrained Tracking Control for Hypersonic Flight Vehicles With Singularity-Free Switching. IEEE/ASME Transactions on Mechatronics, 2022, 27, 1594-1605.	3.7	50
48	Fuzzy adaptive dynamic surface control for a single-link flexible-joint robot. Nonlinear Dynamics, 2012, 70, 2035-2048.	2.7	49
49	Adaptive fuzzy backstepping output feedback control for a class of MIMO time-delay nonlinear systems based on high-gain observer. Nonlinear Dynamics, 2012, 67, 1175-1191.	2.7	46
50	Adaptive neural network tracking control for a class of non-linear systems. International Journal of Systems Science, 2010, 41, 143-158.	3.7	43
51	Adaptive fuzzy output feedback inverse optimal control for vehicle active suspension systems. Neurocomputing, 2020, 403, 257-267.	3.5	43
52	Adaptive Fuzzy Decentralized Sampled-Data Control for Large-Scale Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2022, 30, 1809-1822.	6.5	42
53	Robust Fuzzy Adaptive Finite-Time Control for High-Order Nonlinear Systems With Unmodeled Dynamics. IEEE Transactions on Fuzzy Systems, 2021, 29, 1576-1589.	6.5	41
54	Observer-based direct adaptive fuzzy control of uncertain nonlinear systems and its applications. International Journal of Control, Automation and Systems, 2009, 7, 681-690.	1.6	40

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55	Observer-based adaptive fuzzy backstepping dynamic surface control design and stability analysis for MIMO stochastic nonlinear systems. Nonlinear Dynamics, 2012, 69, 1333-1349.	2.7	40
56	Finite-Time Adaptive Fuzzy Decentralized Control for Nonstrict-Feedback Nonlinear Systems With Output-Constraint. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 5271-5284.	5.9	39
57	Adaptive Fuzzy Fixed-Time Decentralized Control for Stochastic Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2021, 29, 3428-3440.	6.5	39
58	Adaptive fuzzy fault-tolerant output feedback control of uncertain nonlinear systems with actuator faults. International Journal of Systems Science, 2013, 44, 2365-2376.	3.7	36
59	Adaptive fuzzy output feedback decentralized control of pureâ€feedback nonlinear largeâ€scale systems. International Journal of Robust and Nonlinear Control, 2014, 24, 930-954.	2.1	35
60	Neural Network Adaptive Output-Feedback Optimal Control for Active Suspension Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 4021-4032.	5.9	34
61	Adaptive Fuzzy Finite-Time Output-Feedback Fault-Tolerant Control of Nonstrict-Feedback Systems Against Actuator Faults. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1276-1287.	5.9	31
62	Output-Feedback Based Simplified Optimized Backstepping Control for Strict-Feedback Systems with Input and State Constraints. IEEE/CAA Journal of Automatica Sinica, 2021, 8, 1119-1132.	8.5	30
63	Fuzzy adaptive high-gain-based observer backstepping control for SISO nonlinear systems with dynamical uncertainties. Nonlinear Dynamics, 2012, 67, 941-955.	2.7	28
64	Adaptive fuzzy output feedback backstepping control of pureâ€feedback nonlinear systems via dynamic surface controlâ€‰technique. International Journal of Adaptive Control and Signal Processing, 2013, 27, 541-561.	2.3	28
65	Adaptive fuzzy backstepping output feedback control for a class of uncertain stochastic nonlinear system in pure-feedback form. Neurocomputing, 2013, 122, 126-133.	3.5	26
66	Adaptive Fuzzy Event-Triggered Control for Leaderâ€“Following Consensus of High-Order Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2020, 28, 2389-2400.	6.5	24
67	Adaptive neural network output feedback control of stochastic nonlinear systems with dynamical uncertainties. Neural Computing and Applications, 2013, 23, 1481-1494.	3.2	23
68	Prescribed performance adaptive fuzzy output-feedback control of uncertain nonlinear systems with unmodeled dynamics. Nonlinear Dynamics, 2014, 77, 1653-1665.	2.7	23
69	Adaptive Fuzzy Finite-time Dynamic Surface Control for High-order Nonlinear System with Output Constraints. International Journal of Control, Automation and Systems, 2021, 19, 112-123.	1.6	23
70	Adaptive fuzzy fault-tolerant control of static var compensator based on dynamic surface control technique. Nonlinear Dynamics, 2013, 73, 2013-2023.	2.7	22
71	Adaptive fuzzy output feedback tracking control with prescribed performance for chemical reactor of MIMO nonlinear systems. Nonlinear Dynamics, 2015, 80, 945-957.	2.7	22
72	Observer-based adaptive fuzzy backstepping control of MIMO stochastic nonlinear strict-feedback systems. Nonlinear Dynamics, 2012, 67, 1579-1593.	2.7	21

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73	Adaptive fuzzy optimal control for a class of active suspension systems with fullâ€state constraints. IET Intelligent Transport Systems, 2020, 14, 371-381.	1.7	21
74	Fuzzy Adaptive Finite Time Fault-tolerant Control for Multi-input and Multi-output Nonlinear Systems with Actuator Faults. International Journal of Control, Automation and Systems, 2019, 17, 1655-1665.	1.6	19
75	Adaptive Fuzzy Control for Nonlinear Timeâ€Delay Systems with Dynamical Uncertainties. Asian Journal of Control, 2012, 14, 1589-1598.	1.9	17
76	Adaptive finiteâ€time faultâ€tolerant control for interconnected nonlinear systems. International Journal of Robust and Nonlinear Control, 2021, 31, 1564-1581.	2.1	17
77	Adaptive fuzzy backstepping output feedback control of nonlinear uncertain time-delay systems based on high-gain filters. Nonlinear Dynamics, 2012, 69, 781-792.	2.7	16
78	Adaptive fuzzy decentralised fault-tolerant control for nonlinear large-scale systems with actuator failures and unmodelled dynamics. International Journal of Systems Science, 2015, 46, 2195-2209.	3.7	16
79	Adaptive fuzzy decentralized control for nonlinear large-scale systems based on high-gain observer. Science China Information Sciences, 2012, 55, 228-242.	2.7	15
80	Adaptive fuzzy backstepping control of static var compensator based on state observer. Nonlinear Dynamics, 2013, 73, 133-142.	2.7	15
81	Fuzzy Adaptive Backstepping Decentralized Control for Switched Nonlinear Large-Scale Systems with Switching Jumps. International Journal of Fuzzy Systems, 2015, 17, 12-21.	2.3	15
82	Adaptive fuzzy backstepping control for a class of switched nonlinear systems with actuator faults. International Journal of Systems Science, 2016, 47, 3581-3590.	3.7	15
83	Observer-based adaptive fuzzy fault-tolerant output feedback control of uncertain nonlinear systems with actuator faults. International Journal of Control, Automation and Systems, 2012, 10, 1119-1128.	1.6	14
84	Adaptive output feedback faultâ€tolerant control for MIMO nonâ€affine nonâ€linear systems based on disturbance observer. IET Control Theory and Applications, 2016, 10, 2422-2436.	1.2	14
85	Fuzzy Adaptive Fault-Tolerant Control for a Class of Active Suspension Systems with Time Delay. International Journal of Fuzzy Systems, 2019, 21, 2054-2065.	2.3	14
86	Adaptive backstepping output feedback control for SISO nonlinear system using fuzzy neural networks. International Journal of Automation and Computing, 2009, 6, 145-153.	4.5	13
87	Adaptive fuzzy backstepping output feedback control of nonlinear time-delay systems with unknown high-frequency gain sign. International Journal of Automation and Computing, 2011, 8, 14-22.	4.5	13
88	Adaptive fuzzy switched control design for uncertain nonholonomic systems with input nonsmooth constraint. International Journal of Systems Science, 2016, 47, 3436-3446.	3.7	11
89	Observer-based fuzzy adaptive fault control for a class of MIMO nonlinear systems. International Journal of Systems Science, 2017, 48, 1331-1346.	3.7	9
90	Adaptive fuzzy decentralised output feedback control of pureâ€feedback largeâ€scale stochastic nonâ€linear systems with unknown dead zone. IET Control Theory and Applications, 2014, 8, 488-502.	1.2	8

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91	Adaptive fuzzy output feedback control of nonlinear uncertain systems with unknown backlash-like hysteresis based on modular design. Neural Computing and Applications, 2013, 23, 261-270.	3.2	7
92	Type-2 Fuzzy Adaptive Event-Triggered Saturation Control for Photovoltaic Grid-Connected Power Systems. International Journal of Fuzzy Systems, 2021, 23, 1150-1162.	2.3	6
93	Observerâ€based fuzzy adaptive control for MIMO nonlinear systems with nonâ€constant control gain and input delay. IET Control Theory and Applications, 2021, 15, 1488-1505.	1.2	5
94	Observer-based fuzzy adaptive control of nonlinear systems with actuator faults and unmodeled dynamics. Neural Computing and Applications, 2013, 23, 391-405.	3.2	4
95	Adaptive fuzzy decentralised control for stochastic nonlinear large-scale systems in pure-feedback form. International Journal of Systems Science, 0, , 1-15.	3.7	4
96	Neural networks optimized learning control of state constraints systems. Neurocomputing, 2021, 453, 512-523.	3.5	4
97	Type-2 Fuzzy Adaptive Output Feedback Saturation Control for Photovoltaic Grid-connected Power Systems. International Journal of Control, Automation and Systems, 2021, 19, 2759-2768.	1.6	4
98	Adaptive fuzzy backstepping decentralized control for nonlinear large-scale systems based on DSC technique and high-gain filters. , 2012, , .		2
99	Adaptive fuzzy neural networks control for switched nonlinear systems. , 2014, , .		2
100	Adaptive Fuzzy Finite-Time Fault-Tolerant Control for Uncertain Non-strict Feedback Nonlinear Systems. , 2020, , .		2
101	Robust Fault Tolerant Direct Adaptive Fuzzy Control via Backstepping. , 2007, , .		1
102	Adaptive Fuzzy Fault-Tolerant Control for Uncertain Nonlinear Systems. , 2008, , .		1
103	Indirect adaptive robust fuzzy control for a class of MIMO nonlinear systems. , 2008, , .		1
104	Robust adaptive fuzzy fault diagnosis and tolerant control for SISO unknown nonlinear systems. , 2009, , .		1
105	Adaptive fuzzy decentralized control for nonlinear large-scale systems based on high-gain observer. , 2011, , .		1
106	Adaptive FNN dynamic surface control for MIMO pure-feedback nonlinear systems with unknown backlash-like hysteresis. , 2014, , .		1
107	Robust adaptive fuzzy dynamic surface control of uncertain nonlinear for systems. , 2008, , .		0
108	Adaptive robust fuzzy control for a class of nonlinear systems based on backstepping method. , 2008, , .		0

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109	Predefined performance fuzzy adaptive tracking control for nonlinear stochastic systems with input saturation. , 2014, , .		0
110	Adaptive Fuzzy Fault-Tolerant Output Feedback Tracking Control of Uncertain Stochastic Nonlinear Systems with Unknown Time-Delay and Tracking Error Constrained. Journal of Applied Mathematics, 2014, 2014, 1-11.	0.4	0
111	Fuzzy adaptive decentralized control for switched nonlinear large-scale systems based on backstepping technique. , 2014, , .		0
112	Direct adaptive fuzzy backstepping decentralized control for switched nonlinear large-scale systems. , 2015, , .		0
113	Adaptive Fuzzy 1-Bit Event-Triggered Control for Stochastic Nonlinear Systems. , 2021, , .		0