

Yong-ming Li

List of Publications by Citations

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102
papers

9,223
citations

42
h-index

96
g-index

113
ext. papers

10,694
ext. citations

5.3
avg. IF

7.3
L-index

#	Paper	IF	Citations
102	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
101	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
100	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
99	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
98	Adaptive output-feedback control design with prescribed performance for switched nonlinear systems. <i>Automatica</i> , 2017 , 80, 225-231	5.7	386
97	Observer-based fuzzy adaptive control for strict-feedback nonlinear systems. <i>Fuzzy Sets and Systems</i> , 2009 , 160, 1749-1764	3.7	380
96	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
95	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
94	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
93	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
92	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
91	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
90	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
89	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
88	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
87	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
86	Adaptive Fuzzy Robust Output Feedback Control of Nonlinear Systems With Unknown Dead Zones Based on a Small-Gain Approach. <i>IEEE Transactions on Fuzzy Systems</i> , 2014 , 22, 164-176	8.3	208

85	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
84	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
83	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
82	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
81	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
80	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
79	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
78	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
77	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
76	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
75	Robust adaptive fuzzy backstepping output feedback tracking control for nonlinear system with dynamic uncertainties. <i>Science China Information Sciences</i> , 2010 , 53, 307-324	3.4	108
74	Observer-based adaptive fuzzy backstepping control of uncertain nonlinear pure-feedback systems. <i>Science China Information Sciences</i> , 2014 , 57, 1-14	3.4	105
73	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
72	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
71	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
70	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
69	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
68	Indirect adaptive fuzzy control for input and output constrained nonlinear systems using a barrier Lyapunov function. <i>International Journal of Adaptive Control and Signal Processing</i> , 2014 , 28, 184-199	2.8	70

67	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
66	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
65	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
64	Prescribed performance fuzzy adaptive fault-tolerant control of non-linear systems with actuator faults. <i>IET Control Theory and Applications</i> , 2014 , 8, 420-431	2.5	57
63	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
62	Adaptive Fuzzy decentralized output feedback control for stochastic nonlinear large-scale systems using DSC technique. <i>International Journal of Robust and Nonlinear Control</i> , 2013 , 23, 381-399	3.6	47
61	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
60	Adaptive neural network tracking control for a class of non-linear systems. <i>International Journal of Systems Science</i> , 2010 , 41, 143-158	2.3	41
59	Adaptive fuzzy backstepping output feedback control for a class of MIMO time-delay nonlinear systems based on high-gain observer. <i>Nonlinear Dynamics</i> , 2012 , 67, 1175-1191	5	40
58	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
57	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
56	Observer-based direct adaptive fuzzy control of uncertain nonlinear systems and its applications. <i>International Journal of Control, Automation and Systems</i> , 2009 , 7, 681-690	2.9	32
55	Adaptive fuzzy fault-tolerant output feedback control of uncertain nonlinear systems with actuator faults. <i>International Journal of Systems Science</i> , 2013 , 44, 2365-2376	2.3	30
54	Fuzzy adaptive dynamic surface control for a single-link flexible-joint robot. <i>Nonlinear Dynamics</i> , 2012 , 70, 2035-2048	5	29
53	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
52	Adaptive fuzzy output feedback decentralized control of pure-feedback nonlinear large-scale systems. <i>International Journal of Robust and Nonlinear Control</i> , 2014 , 24, 930-954	3.6	23
51	Fuzzy adaptive high-gain-based observer backstepping control for SISO nonlinear systems with dynamical uncertainties. <i>Nonlinear Dynamics</i> , 2012 , 67, 941-955	5	23
50	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

49	Adaptive fuzzy backstepping output feedback control for a class of uncertain stochastic nonlinear system in pure-feedback form. <i>Neurocomputing</i> , 2013 , 122, 126-133	5.4	20
48	Prescribed performance adaptive fuzzy output-feedback control of uncertain nonlinear systems with unmodeled dynamics. <i>Nonlinear Dynamics</i> , 2014 , 77, 1653-1665	5	19
47	Observer-based adaptive fuzzy backstepping control of MIMO stochastic nonlinear strict-feedback systems. <i>Nonlinear Dynamics</i> , 2012 , 67, 1579-1593	5	19
46	Adaptive neural network output feedback control of stochastic nonlinear systems with dynamical uncertainties. <i>Neural Computing and Applications</i> , 2013 , 23, 1481-1494	4.8	19
45	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
44	Adaptive fuzzy fault-tolerant control of static var compensator based on dynamic surface control technique. <i>Nonlinear Dynamics</i> , 2013 , 73, 2013-2023	5	17
43	Adaptive fuzzy output feedback inverse optimal control for vehicle active suspension systems. <i>Neurocomputing</i> , 2020 , 403, 257-267	5.4	16
42	Adaptive fuzzy backstepping output feedback control of nonlinear uncertain time-delay systems based on high-gain filters. <i>Nonlinear Dynamics</i> , 2012 , 69, 781-792	5	15
41	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
40	Adaptive fuzzy decentralised fault-tolerant control for nonlinear large-scale systems with actuator failures and unmodelled dynamics. <i>International Journal of Systems Science</i> , 2015 , 46, 2195-2209	2.3	14
39	Adaptive fuzzy backstepping control of static var compensator based on state observer. <i>Nonlinear Dynamics</i> , 2013 , 73, 133-142	5	14
38	. <i>IEEE Transactions on Industrial Informatics</i> , 2021 , 1-1	11.9	13
37	Adaptive fuzzy backstepping control for a class of switched nonlinear systems with actuator faults. <i>International Journal of Systems Science</i> , 2016 , 47, 3581-3590	2.3	12
36	Adaptive backstepping output feedback control for SISO nonlinear system using fuzzy neural networks. <i>International Journal of Automation and Computing</i> , 2009 , 6, 145-153	3.5	12
35	. <i>IEEE/ASME Transactions on Mechatronics</i> , 2021 , 1-1	5.5	12
34	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
33	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
32	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

31	Adaptive fuzzy backstepping output feedback control of nonlinear time-delay systems with unknown high-frequency gain sign. <i>International Journal of Automation and Computing</i> , 2011 , 8, 14-22	3.5	11
30	Adaptive Fuzzy Fixed-Time Decentralized Control for Stochastic Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 1-1	8.3	11
29	Adaptive output feedback fault-tolerant control for MIMO non-affine non-linear systems based on disturbance observer. <i>IET Control Theory and Applications</i> , 2016 , 10, 2422-2436	2.5	10
28	Adaptive Fuzzy Control for Nonlinear Time-Delay Systems with Dynamical Uncertainties. <i>Asian Journal of Control</i> , 2012 , 14, 1589-1598	1.7	10
27	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
26	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
25	Adaptive fuzzy switched control design for uncertain nonholonomic systems with input nonsmooth constraint. <i>International Journal of Systems Science</i> , 2016 , 47, 3436-3446	2.3	9
24	Observer-based adaptive fuzzy fault-tolerant output feedback control of uncertain nonlinear systems with actuator faults. <i>International Journal of Control, Automation and Systems</i> , 2012 , 10, 1119-1128	2.8	9
23	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
22	Adaptive Fuzzy Decentralized Sampled-Data Control for Large-Scale Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	9
21	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
20	Observer-based fuzzy adaptive fault control for a class of MIMO nonlinear systems. <i>International Journal of Systems Science</i> , 2017 , 48, 1331-1346	2.3	7
19	Adaptive Fuzzy Finite-time Dynamic Surface Control for High-order Nonlinear System with Output Constraints. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 112-123	2.9	7
18	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
17	Adaptive fuzzy output feedback control of nonlinear uncertain systems with unknown backlash-like hysteresis based on modular design. <i>Neural Computing and Applications</i> , 2013 , 23, 261-270	4.8	6
16	Adaptive fuzzy decentralised output feedback control of pure-feedback large-scale stochastic non-linear systems with unknown dead zone. <i>IET Control Theory and Applications</i> , 2014 , 8, 488-502	2.5	6
15	Adaptive Neural Network Finite-Time Dynamic Surface Control for Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021 , 32, 5688-5697	10.3	6
14	Output-Feedback Based Simplified Optimized Backstepping Control for Strict-Feedback Systems with Input and State Constraints. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2021 , 8, 1119-1132	7	6

13	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
12	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
11	Adaptive fuzzy backstepping decentralized control for nonlinear large-scale systems based on DSC technique and high-gain filters 2012 ,		2
10	Adaptive fuzzy decentralised control for stochastic nonlinear large-scale systems in pure-feedback form. <i>International Journal of Systems Science</i> , 2013 , 1-15	2.3	2
9	Adaptive Fuzzy Finite-Time Fault-Tolerant Control for Uncertain Non-strict Feedback Nonlinear Systems 2020 ,		1
8	Observer-based fuzzy adaptive control of nonlinear systems with actuator faults and unmodeled dynamics. <i>Neural Computing and Applications</i> , 2013 , 23, 391-405	4.8	1
7	Adaptive fuzzy neural networks control for switched nonlinear systems 2014 ,		1
6	Adaptive Fuzzy Fault-Tolerant Control for Uncertain Nonlinear Systems 2008 ,		1
5	Type-2 Fuzzy Adaptive Output Feedback Saturation Control for Photovoltaic Grid-connected Power Systems. <i>International Journal of Control, Automation and Systems</i> , 2021 , 19, 2759-2768	2.9	1
4	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
3	Type-2 Fuzzy Adaptive Event-Triggered Saturation Control for Photovoltaic Grid-Connected Power Systems. <i>International Journal of Fuzzy Systems</i> , 2021 , 23, 1150-1162	3.6	0
2	Neural networks optimized learning control of state constraints systems. <i>Neurocomputing</i> , 2021 , 453, 512-523	5.4	0
1	Adaptive Fuzzy Fault-Tolerant Output Feedback Tracking Control of Uncertain Stochastic Nonlinear Systems with Unknown Time-Delay and Tracking Error Constrained. <i>Journal of Applied Mathematics</i> , 2014 , 2014, 1-11	1.1	