

Yongming Li

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.

98 papers	10,082 citations	47 h-index	100 g-index
105 ext. papers	11,662 ext. citations	5.4 avg, IF	7.37 L-index

#	Paper	IF	Citations
98	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
97	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, 1575-1585	10.3	35
96	Fuzzy adaptive output feedback control for uncertain nonlinear systems with unknown control gain functions and unmodeled dynamics. <i>Information Sciences</i> , 2021 , 558, 140-156	7.7	7
95	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
94	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
93	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
92	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
91	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
90	Neural networks optimized learning control of state constraints systems. <i>Neurocomputing</i> , 2021 , 453, 512-523	5.4	0
89	Adaptive Fuzzy Decentralized Sampled-Data Control for Large-Scale Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2021 , 1-1	8.3	9
88	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
87	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
86	Adaptive fuzzy finite-time optimal control for switched nonlinear systems. <i>Optimal Control Applications and Methods</i> , 2020 , 41, 1616-1631	1.7	5
85	Fuzzy Adaptive Tracking Control for State Constraint Switched Stochastic Nonlinear Systems With Unstable Inverse Dynamics. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2020 , 1-13	7.3	5
84	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
83	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
82	Adaptive Fuzzy Prescribed Performance Control of Nontriangular Structure Nonlinear Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2020 , 28, 2416-2426	8.3	47

81	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
80	Fuzzy adaptive tracking control for switched nonlinear systems with full time-varying state constraints. <i>Neurocomputing</i> , 2019 , 352, 1-11	5.4	11
79	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
78	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
77	Adaptive Fuzzy Backstepping Tracking Control for Flexible Robotic Manipulator. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2018 , 1-9	7	19
76	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
75	Robust adaptive output feedback control to a class of non-triangular stochastic nonlinear systems. <i>Automatica</i> , 2018 , 89, 325-332	5.7	116
74	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
73	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
72	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
71	Observer-based adaptive fuzzy output constrained control for uncertain nonlinear multi-agent systems. <i>Information Sciences</i> , 2018 , 467, 446-463	7.7	23
70	Fuzzy adaptive output feedback control for a class of switched non-triangular structure nonlinear systems with time-varying delays. <i>International Journal of Systems Science</i> , 2018 , 49, 132-146	2.3	10
69	Fault detection and fuzzy tolerant control for complex stochastic multivariable nonlinear systems. <i>Neurocomputing</i> , 2018 , 275, 2392-2400	5.4	8
68	Fuzzy Adaptive Backstepping Control for a Class of Active Suspension Systems. <i>IFAC-PapersOnLine</i> , 2018 , 51, 136-141	0.7	6
67	A Fuzzy Adaptive Control Strategy for Active Suspension Systems with Unknown Dynamics 2018 ,		1
66	Adaptive fuzzy output feedback control for MIMO switched nonlinear systems with prescribed performances. <i>Fuzzy Sets and Systems</i> , 2017 , 306, 153-168	3.7	28
65	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
64	Adaptive fuzzy backstepping output constraint control of flexible manipulator with actuator saturation. <i>Neural Computing and Applications</i> , 2017 , 28, 1165-1175	4.8	23

63	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
62	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
61	Adaptive output-feedback control design with prescribed performance for switched nonlinear systems. <i>Automatica</i> , 2017 , 80, 225-231	5.7	386
60	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
59	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
58	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
57	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
56	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
55	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
54	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
53	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
52	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
51	Observer-based adaptive fuzzy output constrained control for MIMO nonlinear systems with unknown control directions. <i>Fuzzy Sets and Systems</i> , 2016 , 290, 79-99	3.7	24
50	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
49	Adaptive neural networks output feedback dynamic surface control design for MIMO pure-feedback nonlinear systems with hysteresis. <i>Neurocomputing</i> , 2016 , 198, 58-68	5.4	28
48	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
47	Fuzzy adaptive state-feedback fault-tolerant control for switched stochastic nonlinear systems with faults. <i>Neurocomputing</i> , 2016 , 186, 35-43	5.4	12
46	Adaptive Fuzzy Output-Feedback Control for Switched Nonlinear Systems with Arbitrary Switchings. <i>Circuits, Systems, and Signal Processing</i> , 2016 , 35, 3152-3171	2.2	12

45	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
44	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
43	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
42	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
41	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
40	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
39	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
38	Prescribed performance adaptive fuzzy output-feedback dynamic surface control for nonlinear large-scale systems with time delays. <i>Information Sciences</i> , 2015 , 292, 125-142	7.7	119
37	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
36	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
35	Adaptive fuzzy decentralized control for stochastic large-scale nonlinear systems with unknown dead-zone and unmodeled dynamics. <i>Neurocomputing</i> , 2014 , 135, 367-377	5.4	14
34	Prescribed performance adaptive fuzzy output-feedback control of uncertain nonlinear systems with unmodeled dynamics. <i>Nonlinear Dynamics</i> , 2014 , 77, 1653-1665	5	19
33	Adaptive fuzzy fault-tolerant decentralized control for uncertain nonlinear large-scale systems based on dynamic surface control technique. <i>Journal of the Franklin Institute</i> , 2014 , 351, 456-472	4	19
32	Fuzzy adaptive fault-tolerant tracking control of MIMO stochastic pure-feedback nonlinear systems with actuator failures. <i>Journal of the Franklin Institute</i> , 2014 , 351, 3424-3444	4	16
31	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
30	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
29	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
28	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

27	Adaptive fuzzy control of uncertain stochastic nonlinear systems with unknown dead zone using small-gain approach. <i>Fuzzy Sets and Systems</i> , 2014 , 235, 1-24	3.7	64
26	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
25	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
24	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	
23	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
22	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
21	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
20	Direct adaptive fuzzy backstepping control of uncertain nonlinear systems in the presence of input saturation. <i>Neural Computing and Applications</i> , 2013 , 23, 1207-1216	4.8	66
19	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
18	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
17	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
16	Adaptive fuzzy decentralized dynamics surface control for nonlinear large-scale systems based on high-gain observer. <i>Information Sciences</i> , 2013 , 235, 287-307	7.7	24
15	Adaptive fuzzy output feedback control for a single-link flexible robot manipulator driven DC motor via backstepping. <i>Nonlinear Analysis: Real World Applications</i> , 2013 , 14, 483-494	2.1	107
14	Adaptive fuzzy decentralized output feedback control for stochastic nonlinear large-scale systems. <i>Neurocomputing</i> , 2012 , 83, 38-46	5.4	23
13	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
12	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
11	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
10	Adaptive fuzzy backstepping dynamic surface control of uncertain nonlinear systems based on filters 2012 ,		1

9	Adaptive fuzzy backstepping decentralized control for nonlinear large-scale systems based on DSC technique and high-gain filters 2012 ,		2
8	Robust adaptive decentralized fuzzy control for stochastic large-scale nonlinear systems with dynamical uncertainties. <i>Neurocomputing</i> , 2012 , 97, 33-43	5.4	15
7	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
6	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
5	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
4	Direct adaptive fuzzy backstepping robust control for single input and single output uncertain nonlinear systems using small-gain approach. <i>Information Sciences</i> , 2010 , 180, 1738-1758	7.7	43
3	Observer-based fuzzy adaptive control for strict-feedback nonlinear systems. <i>Fuzzy Sets and Systems</i> , 2009 , 160, 1749-1764	3.7	380
2	Fuzzy adaptive backstepping robust control for SISO nonlinear system with dynamic uncertainties. <i>Information Sciences</i> , 2009 , 179, 1319-1332	7.7	93
1	Fuzzy adaptive event-triggered output feedback control for nonlinear systems with tracking error constrained and unknown dead-zone. <i>International Journal of Systems Science</i> , 1-16	2.3	4