

Li-Bing Wu

List of Publications by Year in descending order

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papers

934
citations

430874

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477307

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45
all docs

45
docs citations

45
times ranked

652
citing authors

#	ARTICLE	IF	CITATIONS
1	Robust adaptive fault-tolerant control for linear systems with actuator failures and mismatched parameter uncertainties. IET Control Theory and Applications, 2014, 8, 441-449.	2.1	76
2	Adaptive Fault-Tolerant Control of Uncertain Switched Nonaffine Nonlinear Systems With Actuator Faults and Time Delays. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 3470-3480.	9.3	76
3	Robust Adaptive Fault-Tolerant Tracking Control for Nonaffine Stochastic Nonlinear Systems With Full-State Constraints. IEEE Transactions on Cybernetics, 2020, 50, 3793-3805.	9.5	68
4	Neural Network Adaptive Tracking Control of Uncertain MIMO Nonlinear Systems With Output Constraints and Event-Triggered Inputs. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 695-707.	11.3	49
5	Fuzzy Adaptive Event-Triggered Control for a Class of Uncertain Nonaffine Nonlinear Systems With Full State Constraints. IEEE Transactions on Fuzzy Systems, 2021, 29, 904-916.	9.8	47
6	Adaptive fuzzy tracking control for a class of uncertain nonaffine nonlinear systems with dead-zone inputs. Fuzzy Sets and Systems, 2016, 290, 1-21.	2.7	40
7	Convergent Fault Estimation for Linear Systems With Faults and Disturbances. IEEE Transactions on Automatic Control, 2018, 63, 888-893.	5.7	38
8	Distributed adaptive neural network consensus for a class of uncertain nonaffine nonlinear multi-agent systems. Nonlinear Dynamics, 2020, 100, 1243-1255.	5.2	38
9	Event-triggered adaptive prescribed performance control of uncertain nonlinear systems with unknown control directions. ISA Transactions, 2021, 108, 121-130.	5.7	36
10	Adaptive Output Neural Network Control for a Class of Stochastic Nonlinear Systems With Dead-Zone Nonlinearities. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 726-739.	11.3	34
11	Adaptive fuzzy asymptotic tracking control of uncertain nonaffine nonlinear systems with non-symmetric dead-zone nonlinearities. Information Sciences, 2016, 348, 1-14.	6.9	33
12	Cooperative adaptive fuzzy control for a class of uncertain non-linear multi-agent systems with time delays. Journal of Control and Decision, 2017, 4, 131-152.	1.6	31
13	Adaptive Fuzzy Tracking Control for a Class of Uncertain Switched Nonlinear Systems With Full-State Constraints and Input Saturations. IEEE Transactions on Cybernetics, 2021, 51, 6054-6065.	9.5	29
14	Adaptive Output Fuzzy Fault Accommodation for a Class of Uncertain Nonlinear Systems With Multiple Time Delays. IEEE Transactions on Fuzzy Systems, 2018, 26, 1052-1057.	9.8	27
15	Robust adaptive fault-tolerant tracking control of multiple time-delays systems with mismatched parameter uncertainties and actuator failures. International Journal of Robust and Nonlinear Control, 2015, 25, 2922-2938.	3.7	26
16	Adaptive fault-tolerant control of a class of nonaffine nonlinear systems with mismatched parameter uncertainties and disturbances. Nonlinear Dynamics, 2015, 82, 1281-1291.	5.2	23
17	Lower Triangle Factor-Based Fault Estimation and Fault Tolerant Control for Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2020, 28, 2533-2542.	9.8	21
18	Finite-time adaptive event-triggered fault-tolerant control of nonlinear systems based on fuzzy observer. Information Sciences, 2021, 572, 241-262.	6.9	21

#	ARTICLE	IF	CITATIONS
19	Adaptive Dynamic Surface Control of Nonlinear Switched Systems with Prescribed Performance. <i>Journal of Dynamical and Control Systems</i> , 2018, 24, 269-286.	0.8	19
20	Distributed Output-Feedback Adaptive Fuzzy Leader-Following Consensus of Stochastic Nonlinear Interconnected Multiagent Systems. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 311-323.	9.3	19
21	Decentralized adaptive fuzzy fault-tolerant tracking control of large-scale nonlinear systems with actuator failures. <i>Neurocomputing</i> , 2016, 179, 307-317.	5.9	16
22	Convergent Estimation Mechanism Design for Nonlinear Fuzzy Systems With Faults. <i>IEEE Transactions on Cybernetics</i> , 2020, 50, 2176-2185.	9.5	14
23	Event-triggered adaptive prescribed performance control for a class of pure-feedback stochastic nonlinear systems with input saturation constraints. <i>International Journal of Systems Science</i> , 2020, 51, 2238-2257.	5.5	13
24	Event-Triggered Adaptive Fault-Tolerant Control for Nonaffine Uncertain Systems With Output Tracking Errors Constraints. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 1750-1761.	9.8	13
25	Fault-tolerant control for nonlinear switched systems with unknown control coefficients and full-state constraints. <i>Information Sciences</i> , 2022, 582, 750-766.	6.9	13
26	Finite-time adaptive fuzzy tracking control for nonlinear systems with disturbances and dead-zone nonlinearities. <i>Applied Mathematics and Computation</i> , 2019, 362, 124494.	2.2	12
27	Adaptive Asymptotic Tracking Control of Uncertain Nonlinear Systems Based on Taylor Decoupling and Event-Trigger. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 2053-2060.	9.3	12
28	Adaptive estimation and output feedback FTC for nonlinear systems with unknown nonlinearities and faults. <i>International Journal of Robust and Nonlinear Control</i> , 2018, 28, 5297-5311.	3.7	11
29	Adaptive H^∞ fault-tolerant control for a class of uncertain switched nonlinear systems with multiple state time delays. <i>International Journal of Systems Science</i> , 2018, 49, 1784-1794.	5.5	10
30	Observer-based adaptive fault estimation and fault-tolerant tracking control for a class of uncertain nonlinear systems. <i>IET Control Theory and Applications</i> , 2021, 15, 13-23.	2.1	10
31	Adaptive neural funnel control for a class of pure-feedback nonlinear systems with event-trigger strategy. <i>International Journal of Systems Science</i> , 2020, 51, 2307-2325.	5.5	9
32	Adaptive Event-Triggered Fuzzy Tracking Control of Uncertain Stochastic Nonlinear Systems With Unmeasurable States. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 2183-2196.	9.8	7
33	Observer-based Adaptive Fuzzy Control for Strict-feedback Nonlinear Systems with Prescribed Performance and Dead Zone. <i>International Journal of Control, Automation and Systems</i> , 2021, 19, 1962-1975.	2.7	7
34	Adaptive event-triggered fuzzy tracking control of nonlinear systems with dead-zones and unmeasurable states. <i>International Journal of Systems Science</i> , 2020, 51, 3251-3268.	5.5	6
35	Adaptive Asymptotic Tracking Fault-tolerant Control of Uncertain Nonlinear Systems with Actuator Failures and Event-triggered Inputs. <i>International Journal of Control, Automation and Systems</i> , 2021, 19, 1241-1251.	2.7	6
36	Topology reconstruction based fault identification for uncertain multi-agent systems with application to multi-axis motion control system. <i>Applied Mathematics and Computation</i> , 2021, 399, 126000.	2.2	6

#	ARTICLE	IF	CITATIONS
37	Adaptive Neural Tracking Control of Full-state Constrained Nonstrict-feedback Time-delay Systems with Input Saturation. International Journal of Control, Automation and Systems, 2020, 18, 2048-2060.	2.7	5
38	Fast Finite-time Attitude Tracking Control of Rigid Spacecraft with Quantized Input Signals. International Journal of Control, Automation and Systems, 2022, 20, 1926-1934.	2.7	5
39	Dynamic analysis of a SIQR epidemic model considering the interaction of environmental differences. Journal of Applied Mathematics and Computing, 2021, , 1-17.	2.5	3
40	Finite-time event-triggered fault-tolerant control for a family of pure-feedback systems. Applied Mathematics and Computation, 2022, 426, 127087.	2.2	2
41	Lower triangle factor based sliding mode observers design for Tê€S fuzzy systems with faults. ISA Transactions, 2023, 132, 346-352.	5.7	2
42	Fault compensation control of MIMO nonlinear systems subject to unknown control directions. Nonlinear Dynamics, 2022, 107, 1063-1079.	5.2	1
43	Adaptive fault identification for a class of nonlinear dynamic systems. , 2014, , .		0
44	Adaptive Fuzzy Tracking Control for a Class of Uncertain Nonlinear Time-Delayed Systems with Saturation Constrains. Journal of Control Science and Engineering, 2016, 2016, 1-8.	1.0	0
45	Fuzzy Event-Triggered Fault-Tolerant Control for a Class of Uncertain Nonlinear Systems. , 2021, , .		0