Da-Wei Ding

List of Publications by Year
in descending order

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76	1,098	567281 15	414414 32
papers	citations	h-index	g-index

77	77	77	834
all docs	docs citations	times ranked	citing authors

#	Article	IF	Citations
1	Distributed Fault-Tolerant Bipartite Output Synchronization of Discrete-Time Linear Multiagent Systems. IEEE Transactions on Cybernetics, 2023, 53, 1360-1373.	9.5	6
2	H _{â^ž} Fuzzy Control for Nonlinear Fourth-Order Parabolic Equation Subject to Input Delay. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 2531-2539.	9.3	1
3	Static Output Feedback Control for Tâ€“S Fuzzy Systems via a Successive Convex Optimization Algorithm. IEEE Transactions on Fuzzy Systems, 2022, 30, 4298-4309.	9.8	12
4	Distributed Security Control for Complex Cyber-physical Systems against Denial-of-service Attacks. International Journal of Control, Automation and Systems, 2022, 20, 421-431.	2.7	7
5	Fault-tolerant Bipartite Output Regulation of Linear Multi-agent Systems with Loss-of-effectiveness Actuator Faults. International Journal of Control, Automation and Systems, 2022, 20, 1473-1483.	2.7	2
6	Wideband Integrated Log-Periodic Antenna Array for 5G Q-Band Applications. IEEE Antennas and Wireless Propagation Letters, 2022, 21, 1428-1432.	4.0	2
7	Robust Resilient Control for Nonlinear Systems Under Denial-of-Service Attacks. IEEE Transactions on Fuzzy Systems, 2021, 29, 3415-3427.	9.8	17
8	Finite-frequency memory filter design for uncertain linear discrete-time systems: A polynomially parameter-dependent approach. ISA Transactions, 2021, 110, 225-237.	5.7	3
9	Cooperative faultâ€tolerant control for heterogeneous nonlinear multiagent systems via distributed output regulation. International Journal of Robust and Nonlinear Control, 2021, 31, 855-872.	3.7	4
10	Robust adaptive control of uncertain nonlinear systems with unmodeled dynamics using command filter. International Journal of Robust and Nonlinear Control, 2021, 31, 7764-7784.	3.7	13
11	A successive convex optimization method for bilinear matrix inequality problems and its application to static outputâ€feedback control. International Journal of Robust and Nonlinear Control, 2021, 31, 9709-9730.	3.7	2
12	Event-triggered Control for Heterogeneous Discrete-time Multi-agent Systems Subject to Uncertainties and Noises. International Journal of Control, Automation and Systems, 2020, 18, 661-671.	2.7	4
13	Observer-Based Fuzzy Fault-Tolerant Control for Nonlinear Parabolic PDEs. International Journal of Fuzzy Systems, 2020, 22, 111-121.	4.0	10
14	Online barrier-actor-critic learning for Hâ^ž control with full-state constraints and input saturation. Journal of the Franklin Institute, 2020, 357, 3316-3344.	3.4	67
15	Adaptive Fault-Tolerant Output Regulation of Linear Multi-Agent Systems With Sensor Faults. IEEE Access, 2020, 8, 159440-159448.	4.2	11
16	Optimal Coverage Control of Multi-agent Systems in Constrained Environments with Line-of-sight Connectivity Preservation. , 2020, , .		1
17	Robust Controller Design for Uncertain Linear Systems with Finite-frequency Specifications: A Polynomially Parameter-dependent Approach. International Journal of Control, Automation and Systems, 2020, 18, 2808-2817.	2.7	2
18	Robust finiteâ€frequency filter design for linear uncertain systems using polynomially parameterâ€dependent approach. IET Control Theory and Applications, 2020, 14, 1662-1670.	2.1	1

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19	Observer-based Adaptive Controller Design for Nonlinear Saturation Systems With Output Constraints. IFAC-PapersOnLine, 2020, 53, 675-680.	0.9	0
20	Dissipativity-Preserving Model Reduction for Takagiâ€“Sugeno Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2019, 27, 659-670.	9.8	14
21	Fault-Tolerant Containment Control for Linear Multi-Agent Systems: An Adaptive Output Regulation Approach. IEEE Access, 2019, 7, 89306-89315.	4.2	12
22	Integrated fault detection and control for twoâ€dimensional Markovian jump systems. International Journal of Robust and Nonlinear Control, 2019, 29, 5621-5640.	3.7	4
23	Dynamics analysis of a fractional-order delayed SBT memristive chaotic system without equilibrium points. European Physical Journal Plus, 2019, 134, 1.	2.6	5
24	Input-to-State Stabilization of Uncertain Parabolic PDEs Using an Observer-Based Fuzzy Control. IEEE Access, 2019, 7, 3581-3591.	4.2	2
25	Delayed Fuzzy Control of a 1-D Reaction-Diffusion Equation Using Sampled-in-Space Sensing and Actuation. IEEE Transactions on Fuzzy Systems, 2019, 27, 802-809.	9.8	10
26	Data-Driven Integral Reinforcement Learning for Continuous-Time Non-Zero-Sum Games. IEEE Access, 2019, 7, 82901-82912.	4.2	12
27	Data-Driven Robust Control of Discrete-Time Uncertain Linear Systems via Off-Policy Reinforcement Learning. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3735-3747.	11.3	63
28	Comparison of Control Methods Based on Imitation Learning for Autonomous Driving. , 2019, , .		1
29	Model-Free Temporal Difference Learning for Non-Zero-Sum Games. , 2019, , .		0
30	Observer-Based Hâˆž Fuzzy Control for 1-D Parabolic PDEs Using Point Measurements. , 2019, , .		1
31	Synchronization and anti-synchronization of a fractional order delayed memristor-based chaotic system using active control. Modern Physics Letters B, 2018, 32, 1850142.	1.9	13
32	Dynamic Intermittent Suboptimal Control: Performance Quantification and Comparisons. , 2018, , .		2
33	Model-free semi-global output regulation for discrete-time linear systems subject to input amplitude saturation. , 2018, , .		0
34	Integrated fault detection and control for two-dimensional Roesser systems. International Journal of Control, Automation and Systems, 2017, 15, 722-731.	2.7	4
35	Finite-frequency fault detection for two-dimensional Fornasiniâ€“Marchesini dynamical systems. International Journal of Systems Science, 2017, 48, 2610-2621.	5.5	14
36	Chaos and Hopf bifurcation control in a fractional-order memristor-based chaotic system with time delay. European Physical Journal Plus, 2017, 132, 1.	2.6	29

#	Article	IF	Citations
37	Attitude estimation for UAV using extended Kalman filter. , 2017, , .		10
38	Fault detection for dissipative nonlinear systems: An energy balance method. , 2017, , .		0
39	Fault estimation filter design for discreteâ€time Takagiâ€“Sugeno fuzzy systems. IET Control Theory and Applications, 2016, 10, 2456-2465.	2.1	7
40	Finite-Frequency Fault Detection for Two-Dimensional Roesser Systems. IEEE Access, 2016, 4, 5818-5825.	4.2	8
41	Adaptive control of nonlinear system using online error minimum neural networks. ISA Transactions, 2016, 65, 125-132.	5.7	32
42	Integrated fault detection and control for 2-D Roesser systems. , 2016, , .		0
43	Fault Detection for Two-Dimensional Roesser Systems With Sensor Faults. IEEE Access, 2016, 4, 6197-6203.	4.2	7
44	Fuzzy adaptive control of uncertain complex dynamical networks with nonlinear couplings. , 2016, , .		0
45	Finite-frequency model order reduction of discrete-time linear time-delayed systems. Nonlinear Dynamics, 2016, 83, 2485-2496.	5.2	9
46	Finite-frequency model reduction of discrete-time Tâ€“S fuzzy state-delay systems. Neurocomputing, 2016, 203, 121-128.	5.9	9
47	Finite-frequency model reduction of continuous-time switched linear systems with average dwell time. International Journal of Electronics, 2016, 103, 1894-1908.	1.4	0
48	Finite-Frequency Model Reduction of Takagiâ€“Sugeno Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2016, 24, 1464-1474.	9.8	31
49	<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si12.gif" display="inline" overflow="scroll"><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mo>â^’</mml:mo></mml:mrow></mml:msub></mml:math> fault detection observer design for two-dimensional Roesser systems. Systems and Control Letters, 2015, 82, 115-120.	2.3	70
50	Finite-Frequency Model Reduction of Two-Dimensional Digital Filters. IEEE Transactions on Automatic Control, 2015, 60, 1624-1629.	5.7	55
51	Adaptive Control of Nonlinear Discrete-Time Systems by Using OS-ELM Neural Networks. Abstract and Applied Analysis, 2014, 2014, 1-11.	0.7	11
52	Event-triggered control of two-dimensional discrete-time systems in Roesser model. , 2014, , .		2
53	A speed monitoring method in steel pipe of 3PE-coating process based on industrial Charge-coupled Device. , 2014, , .		0
54	Event-triggered control of two-dimensional discrete-time systems in Fornasini-Marchesini (FM) second model. , 2014, , .		4

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55	Nonlinear adaptive control using multiple models and dynamic neural networks. Neurocomputing, 2014, 136, 190-200.	5.9	33
56	Nonâ€fragile H âˆž fuzzy filtering for discreteâ€time nonâ€linear systems. IET Control Theory and Applications, 2013, 7, 848-857.	2.1	21
57	Model reduction of discrete-time switched linear systems over finite-frequency ranges. Nonlinear Dynamics, 2013, 71, 361-370.	5.2	12
58	Control Synthesis of Discrete-Time Tâ€“S Fuzzy Systems Based on a Novel Non-PDC Control Scheme. IEEE Transactions on Fuzzy Systems, 2013, 21, 147-157.	9.8	172
59	Nonfragile filtering for discrete-time linear systems in finite-frequency domain. International Journal of Control, 2013, 86, 664-673.	1.9	7
60	Nonfragile finite-frequency filtering for discrete-time linear systems. , 2012, , .		1
61	Application of fuzzy neural network in burden surface clustering. , 2012, , .		1
62	Nonfragile H_{infty} and H_{2} Filter Designs for Continuous-Time Linear Systems Based on Randomized Algorithms. IEEE Transactions on Industrial Electronics, 2012, 59, 4433-4442.	7.9	19
63	Further studies on relaxed stabilization conditions for discrete-time two-dimension Takagiâ€“Sugeno fuzzy systems. Information Sciences, 2012, 189, 143-154.	6.9	29
64	Non-fragile H<inf>∞</inf> static output feedback control for discrete-time linear systems. , 2011, , .		0
65	H-infinity filtering for discrete-time switched linear systems under arbitrary switching. Journal of Control Theory and Applications, 2011, 9, 261-266.	0.8	3
66	Relaxed stabilization conditions for discrete-time 2-D T-S fuzzy systems. , 2011, , .		0
67	Static output feedback for discrete-time switched linear systems under arbitrary switching. International Journal of Control, Automation and Systems, 2010, 8, 220-227.	2.7	5
68	Fuzzy Filter Design for Nonlinear Systems in Finite-Frequency Domain. IEEE Transactions on Fuzzy Systems, 2010, 18, 935-945.	9.8	133
69	Static output feedback control for discrete-time switched linear systems under arbitrary switching. , 2009, , .		4
70	H<inf>∞</inf> filtering for a class of discrete-time switched linear systems. , 2009, , .		2
71	H<inf>∞</inf> static output feedback control for discrete-time switched linear systems with average dwell time. , 2009, , .		2
72	Finite frequency <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si19.gif" overflow="scroll"><mml:mrow><mml:msub><mml:mrow><mml:mi>H</mml:mi></mml:mrow><mml:mrow><mml:mi>â^ž</mml:mi></mml:mrow></mml:msub></mml:mrow></mml:math> filtering for uncertain discrete-time switched linear systems. Progress in Natural Science: Materials International, 2009, 19, 1625-1633.	4.4	42

#	Article	IF	Citations
73	Robust H<inf>2</inf> filtering for uncertain continuous-time switched linear systems. , 2009, , .		0
74	Finite frequency H<inf>∞</inf> filtering for uncertain discrete-time switched linear systems. , 2009, , .		0
75	Robust H<inf>2</inf> control for uncertain continuous-time switched linear systems. , 2009, , .		3
76	Eventâ€based secure leaderâ€following consensus for cyberâ€physical systems under denialâ€ofâ€service attacks. International Journal of Robust and Nonlinear Control, 0, , .	3.7	3