Changchun Hua

List of Publications by Year
in descending order

370 papers	10,751 citations	30070 54 h-index	54911 84 g-index
372 all docs	372 docs citations	372 times ranked	5094 citing authors

#	Article	IF	Citations
1	Robust backstepping control for a class of time delayed systems. IEEE Transactions on Automatic Control, 2005, 50, 894-899.	5.7	234
2	Adaptive Fuzzy Finite-Time Coordination Control for Networked Nonlinear Bilateral Teleoperation System. IEEE Transactions on Fuzzy Systems, 2014, 22, 631-641.	9.8	211
3	Adaptive Fuzzy Output-Feedback Controller Design for Nonlinear Time-Delay Systems With Unknown Control Direction. IEEE Transactions on Systems, Man, and Cybernetics, 2009, 39, 363-374.	5.0	205
4	Backstepping Control for Nonlinear Systems With Time Delays and Applications to Chemical Reactor Systems. IEEE Transactions on Industrial Electronics, 2009, 56, 3723-3732.	7.9	194
5	Delay-Dependent Stability Criteria of Teleoperation Systems With Asymmetric Time-Varying Delays. IEEE Transactions on Robotics, 2010, 26, 925-932.	10.3	193
6	New results on stability analysis of neural networks with time-varying delays. Physics Letters, Section A: General, Atomic and Solid State Physics, 2006, 352, 335-340.	2.1	187
7	Finite/Fixed-Time Stabilization for Nonlinear Interconnected Systems With Dead-Zone Input. IEEE Transactions on Automatic Control, 2017, 62, 2554-2560.	5.7	181
8	Optimum design of fractional order $PI^{\lambda}D^{\mu}$ controller for AVR system using chaotic ant swarm. Expert Systems With Applications, 2012, 39, 6887-6896.	7.6	168
9	Robust Output Feedback Tracking Control for Time-Delay Nonlinear Systems Using Neural Network. IEEE Transactions on Neural Networks, 2007, 18, 495-505.	4.2	164
10	Robust controller design of a class of nonlinear time delay systems via backstepping method. Automatica, 2008, 44, 567-573.	5.0	162
11	Distributed Adaptive Neural Network Output Tracking of Leader-Following High-Order Stochastic Nonlinear Multiagent Systems With Unknown Dead-Zone Input. IEEE Transactions on Cybernetics, 2017, 47, 177-185.	9.5	150
12	Adaptive Tracking Controller Design of Nonlinear Systems With Time Delays and Unknown Dead-Zone Input. IEEE Transactions on Automatic Control, 2008, 53, 1753-1759.	5.7	142
13	New Delay-Dependent Stability Criteria for Neural Networks With Time-Varying Delay Using Delay-Decomposition Approach. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 1378-1383.	11.3	133
14	Event-Triggered Leader-Following Consensus for Nonlinear Multiagent Systems Subject to Actuator Saturation Using Dynamic Output Feedback Method. IEEE Transactions on Automatic Control, 2018, 63, 4391-4396.	5.7	130
15	Output Feedback Stabilization for Time-Delay Nonlinear Interconnected Systems Using Neural Networks. IEEE Transactions on Neural Networks, 2008, 19, 673-688.	4.2	129
16	Finite Time Control Design for Bilateral Teleoperation System With Position Synchronization Error Constrained. IEEE Transactions on Cybernetics, 2016, 46, 609-619.	9.5	128
17	A new particle swarm optimization algorithm with adaptive inertia weight based on Bayesian techniques. Applied Soft Computing Journal, 2015, 28, 138-149.	7.2	125
18	Leader-following consensus for a class of high-order nonlinear multi-agent systems. Automatica, 2016, 73, 138-144.	5.0	121

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19	Decentralized Output Feedback Adaptive NN Tracking Control for Time-Delay Stochastic Nonlinear Systems With Prescribed Performance. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 2749-2759.	11.3	114
20	Adaptive control for chaotic systems. Chaos, Solitons and Fractals, 2004, 22, 55-60.	5.1	107
21	Adaptive Fuzzy Prescribed Performance Control for Nonlinear Switched Time-Delay Systems With Unmodeled Dynamics. IEEE Transactions on Fuzzy Systems, 2018, 26, 1934-1945.	9.8	105
22	Stabilization of T-S Fuzzy System With Time Delay Under Sampled-Data Control Using a New Looped-Functional. IEEE Transactions on Fuzzy Systems, 2020, 28, 400-407.	9.8	102
23	Synchronization of Chaotic Lur'e Systems With Time Delays Using Sampled-Data Control. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 1214-1221.	11.3	101
24	Fixed-time backstepping control design for high-order strict-feedback non-linear systems via terminal sliding mode. IET Control Theory and Applications, 2017, 11, 1184-1193.	2.1	96
25	Output-Feedback Adaptive Control of Networked Teleoperation System With Time-Varying Delay and Bounded Inputs. IEEE/ASME Transactions on Mechatronics, 2015, 20, 2009-2020.	5.8	93
26	Adaptive neural network based prescribed performance control for teleoperation system under input saturation. Journal of the Franklin Institute, 2015, 352, 1850-1866.	3.4	89
27	Finite-time consensus tracking of second-order multi-agent systems via nonsingular TSM. Nonlinear Dynamics, 2014, 75, 311-318.	5.2	86
28	Adaptive Leader-Following Consensus for Second-Order Time-Varying Nonlinear Multiagent Systems. IEEE Transactions on Cybernetics, 2017, 47, 1532-1539.	9.5	86
29	Tracking differentiator and extended state observer-based nonsingular fast terminal sliding mode attitude control for a quadrotor. Nonlinear Dynamics, 2018, 94, 343-354.	5.2	86
30	Decentralized Networked Control System Design Using T–S Fuzzy Approach. IEEE Transactions on Fuzzy Systems, 2012, 20, 9-21.	9.8	81
31	Output feedback-based consensus control for nonlinear time delay multiagent systems. Automatica, 2020, 111, 108669.	5.0	81
32	Event-Based Dynamic Output Feedback Adaptive Fuzzy Control for Stochastic Nonlinear Systems. IEEE Transactions on Fuzzy Systems, 2018, 26, 3004-3015.	9.8	80
33	Dynamic multi-swarm particle swarm optimizer with cooperative learning strategy. Applied Soft Computing Journal, 2015, 29, 169-183.	7.2	72
34	A Hybrid Dynamic Event-Triggered Approach to Consensus of Multiagent Systems With External Disturbances. IEEE Transactions on Automatic Control, 2021, 66, 3213-3220.	5.7	72
35	Convergence Analysis of Teleoperation Systems With Unsymmetric Time-Varying Delays. IEEE Transactions on Circuits and Systems II: Express Briefs, 2009, 56, 240-244.	3.0	69
36	Self-Triggered Leader-Following Consensus for High-Order Nonlinear Multiagent Systems via Dynamic Output Feedback Control. IEEE Transactions on Cybernetics, 2019, 49, 2002-2010.	9.5	69

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37	Model Following Controller Design for Large-Scale Systems With Time-Delay Interconnections and Multiple Dead-Zone Inputs. IEEE Transactions on Automatic Control, 2011, 56, 962-968.	5.7	68
38	Teleoperation Over the Internet With/Without Velocity Signal. IEEE Transactions on Instrumentation and Measurement, 2011, 60, 4-13.	4.7	67
39	Fixed-Time Leader-Following Consensus for High-Order Time-Varying Nonlinear Multiagent Systems. IEEE Transactions on Automatic Control, 2020, 65, 5510-5516.	5.7	67
40	Smooth dynamic output feedback control for multiple time-delay systems with nonlinear uncertainties. Automatica, 2016, 68, 1-8.	5.0	66
41	Disturbance Observer-Based Finite-Time Control Design for a Quadrotor UAV With External Disturbance. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 834-847.	4.7	66
42	Nonlinear Control for Tracking and Obstacle Avoidance of a Wheeled Mobile Robot With Nonholonomic Constraint. IEEE Transactions on Control Systems Technology, 2015, , 1-1.	5.2	65
43	Adaptive prescribed performance control of half-car active suspension system with unknown dead-zone input. Mechanical Systems and Signal Processing, 2018, 111, 135-148.	8.0	65
44	Distributed Adaptive Fuzzy Containment Control of Stochastic Pure-Feedback Nonlinear Multiagent Systems With Local Quantized Controller and Tracking Constraint. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 787-796.	9.3	65
45	Trajectory Tracking Control of Autonomous Underwater Vehicle With Unknown Parameters and External Disturbances. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1054-1063.	9.3	65
46	Leader-Following Output Consensus for High-Order Nonlinear Multiagent Systems. IEEE Transactions on Automatic Control, 2019, 64, 1156-1161.	5.7	63
47	Parameter identification of commensurate fractional-order chaotic system via differential evolution. Physics Letters, Section A: General, Atomic and Solid State Physics, 2012, 376, 457-464.	2.1	62
48	Adaptive feedback control for a class of chaotic systems. Chaos, Solitons and Fractals, 2005, 23, 757-765.	5.1	61
49	Distributed output feedback consensus tracking prescribed performance control for a class of nonâ€linear multiâ€agent systems with unknown disturbances. IET Control Theory and Applications, 2016, 10, 877-883.	2.1	61
50	Robust stabilization of a class of nonlinear time-delay systems. Applied Mathematics and Computation, 2004, 155, 737-752.	2.2	60
51	Output Feedback Distributed Containment Control for High-Order Nonlinear Multiagent Systems. IEEE Transactions on Cybernetics, 2017, 47, 2032-2043.	9.5	60
52	Neural network-based adaptive position tracking control for bilateral teleoperation under constant time delay. Neurocomputing, 2013, 113, 204-212.	5.9	59
53	Exponential stabilization controller design for interconnected time delay systems. Automatica, 2008, 44, 2600-2606.	5.0	58
54	Finite-time output-feedback synchronization control for bilateral teleoperation system via neural networks. Information Sciences, 2017, 406-407, 216-233.	6.9	57

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55	Fractional-order sliding mode control of uncertain QUAVs with time-varying state constraints. Nonlinear Dynamics, 2019, 95, 1347-1360.	5.2	57
56	Adaptive Prescribed-Time Control for a Class of Uncertain Nonlinear Systems. IEEE Transactions on Automatic Control, 2022, 67, 6159-6166.	5.7	56
57	A New Coordinated Slave Torque Feedback Control Algorithm for Network-Based Teleoperation Systems. IEEE/ASME Transactions on Mechatronics, 2013, 18, 764-774.	5.8	55
58	Bayesian Block Structure Sparse Based T–S Fuzzy Modeling for Dynamic Prediction of Hot Metal Silicon Content in the Blast Furnace. IEEE Transactions on Industrial Electronics, 2018, 65, 4933-4942.	7.9	55
59	Variable structure adaptive fuzzy control for a class of nonlinear time-delay systems. Fuzzy Sets and Systems, 2004, 148, 453-468.	2.7	54
60	Leader-following consensus for high-order stochastic multi-agent systems via dynamic output feedback control. Automatica, 2019, 107, 418-424.	5.0	54
61	Output Feedback Predefined-Time Bipartite Consensus Control for High-Order Nonlinear Multiagent Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2021, 68, 3069-3078.	5.4	54
62	Semi-global/global output consensus for nonlinear multiagent systems with time delays. Automatica, 2019, 103, 480-489.	5.0	53
63	Robust H_∞ stabilization for T-S fuzzy systems with time-varying delays and memory sampled-data control. Applied Mathematics and Computation, 2019, 346, 500-512.	2.2	52
64	Adaptive Formation Control of Cooperative Teleoperators With Intermittent Communications. IEEE Transactions on Cybernetics, 2019, 49, 2514-2523.	9.5	52
65	Output feedback control for interconnected time-delay systems with prescribed performance. Neurocomputing, 2014, 129, 208-215.	5.9	49
66	Fixed-Time Prescribed Tracking Control for Stochastic Nonlinear Systems With Unknown Measurement Sensitivity. IEEE Transactions on Cybernetics, 2022, 52, 3722-3732.	9.5	49
67	Adaptive fuzzy control for uncertain interconnected time-delay systems. Fuzzy Sets and Systems, 2005, 153, 447-458.	2.7	47
68	Neural network observer-based networked control for a class of nonlinear systems. Neurocomputing, 2014, 133, 103-110.	5.9	47
69	Leader-follower finite-time formation control of multiple quadrotors with prescribed performance. International Journal of Systems Science, 2017, 48, 2499-2508.	5.5	47
70	A Hybrid Event-Triggered Approach to Consensus of Multiagent Systems With Disturbances. IEEE Transactions on Control of Network Systems, 2020, 7, 1259-1271.	3.7	47
71	Dissipativity Analysis for T–S Fuzzy System Under Memory Sampled-Data Control. IEEE Transactions on Cybernetics, 2021, 51, 961-969.	9.5	47
72	Master–slave synchronization criteria of Lur'e systems with time-delay feedback control. Applied Mathematics and Computation, 2014, 244, 895-902.	2.2	46

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73	Adaptive prescribed performance control of QUAVs with unknown time-varying payload and wind gust disturbance. Journal of the Franklin Institute, 2018, 355, 6323-6338.	3.4	46
74	Nonfragile Consensus of Multiagent Systems Based on Memory Sampled-Data Control. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 391-399.	9.3	46
75	A New Master-Slave Torque Design for Teleoperation System by T-S Fuzzy Approach. IEEE Transactions on Control Systems Technology, 2015, 23, 1611-1619.	5.2	45
76	Stability analysis of neural networks with time-varying delay using a new augmented Lyapunovâ€"Krasovskii functional. Neurocomputing, 2019, 332, 1-9.	5.9	45
77	Leader-Following Consensus for High-Order Nonlinear Stochastic Multiagent Systems. IEEE Transactions on Cybernetics, 2017, 47, 1882-1891.	9.5	44
78	Adaptive observer-based control for a class of chaotic systems. Chaos, Solitons and Fractals, 2004, 22, 103-110.	5.1	43
79	Overcoming overshoot performance limitations of linear systems with reset control. Automatica, 2019, 101, 27-35.	5.0	43
80	New stability criteria for networked teleoperation system. Information Sciences, 2013, 233, 244-254.	6.9	42
81	Attitude tracking control for spacecraft formation with time-varying delays and switching topology. Acta Astronautica, 2016, 126, 98-108.	3.2	42
82	Output feedback NN tracking control for fractional-order nonlinear systems with time-delay and input quantization. Neurocomputing, 2018, 290, 229-237.	5.9	42
83	Robust Adaptive Controller Design for Nonlinear Time-Delay Systems via Tâ€"S Fuzzy Approach. IEEE Transactions on Fuzzy Systems, 2009, 17, 901-910.	9.8	41
84	Leaderâ€"following consensus for multiâ€agent systems subject to actuator saturation with switching topologies and timeâ€varying delays. IET Control Theory and Applications, 2016, 10, 144-150.	2.1	41
85	Output feedback tracking control for nonlinear time-delay systems with tracking errors and input constraints. Neurocomputing, 2016, 173, 751-758.	5.9	41
86	Decentralized robust model reference adaptive control for interconnected time-delay systems. Journal of Computational and Applied Mathematics, 2006, 193, 383-396.	2.0	40
87	Memoryless State Feedback Controller Design for Time Delay Systems With Matched Uncertain Nonlinearities. IEEE Transactions on Automatic Control, 2008, 53, 801-807.	5.7	39
88	An improved krill herd algorithm: Krill herd with linear decreasing step. Applied Mathematics and Computation, 2014, 234, 356-367.	2.2	39
89	Synchronization of chaotic systems based on PI observer design. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 334, 382-389.	2.1	38
90	Decentralized MRAC for large-scale interconnected systems with time-varying delays and applications to chemical reactor systems. Journal of Process Control, 2012, 22, 1985-1996.	3.3	37

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91	Attitude control of reusable launch vehicle in reentry phase with input constraint via robust adaptive backstepping control. International Journal of Adaptive Control and Signal Processing, 2015, 29, 1308-1327.	4.1	37
92	An Exact Stability Condition for Bilateral Teleoperation With Delayed Communication Channel. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 434-439.	9.3	37
93	Leader-Following Consensus of Multiagent Systems via Asynchronous Sampled-Data Control: A Hybrid System Approach. IEEE Transactions on Automatic Control, 2022, 67, 2568-2575.	5.7	37
94	Robust tracking control for wheeled mobile robot based on extended state observer. Advanced Robotics, 2016, 30, 68-78.	1.8	35
95	Stability analysis of time-delay systems via free-matrix-based double integral inequality. International Journal of Systems Science, 2017, 48, 257-263.	5.5	35
96	Adaptive Neural Tracking Control for Interconnected Switched Systems With Non-ISS Unmodeled Dynamics. IEEE Transactions on Cybernetics, 2019, 49, 1669-1679.	9.5	35
97	A new chaotic secure communication scheme. Physics Letters, Section A: General, Atomic and Solid State Physics, 2005, 342, 305-308.	2.1	34
98	Robust controller design for uncertain multiple-delay systems with unknown actuator parameters. Automatica, 2012, 48, 211-218.	5.0	34
99	On Exploring the Domain of Attraction for Bilateral Teleoperator Subject to Interval Delay and Saturated P + d Control Scheme. IEEE Transactions on Automatic Control, 2017, 62, 2923-2928.	5.7	34
100	Fuzzy Classifier Design for Development Tendency of Hot Metal Silicon Content in Blast Furnace. IEEE Transactions on Industrial Informatics, 2018, 14, 1115-1123.	11.3	34
101	Cooperative Stabilization for Linear Switched Systems With Asynchronous Switching. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2019, 49, 1081-1087.	9.3	34
102	Necessary and Sufficient Stability Criteria for a Class of Fractional-Order Delayed Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2014, 61, 59-63.	3.0	32
103	Analysis and design for delta operator systems with actuator saturation. International Journal of Control, 2014, 87, 987-999.	1.9	32
104	Finite-time synchronization control for bilateral teleoperation under communication delays. Robotics and Computer-Integrated Manufacturing, 2015, 31, 61-69.	9.9	31
105	Distributed formation control for teleoperating cyber-physical system under time delay and actuator saturation constrains. Information Sciences, 2016, 370-371, 680-694.	6.9	31
106	Formation Control of Teleoperating Cyber-Physical System With Time Delay and Actuator Saturation. IEEE Transactions on Control Systems Technology, 2018, 26, 1458-1467.	5.2	31
107	Disturbance observer-based fixed-time prescribed performance tracking control for robotic manipulator. International Journal of Systems Science, 2019, 50, 2437-2448.	5.5	31
108	Distributed Adaptive Event†Triggered Control for Leader†Following Consensus of Multi†Agent Systems. Asian Journal of Control, 2017, 19, 2155-2164.	3.0	30

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109	Multivariable sliding mode backstepping controller design for quadrotor UAV based on disturbance observer. Science China Information Sciences, 2018, 61, 1.	4.3	30
110	Pricing Mechanism With Noncooperative Game and Revenue Sharing Contract in Electricity Market. IEEE Transactions on Cybernetics, 2019, 49, 97-106.	9.5	30
111	Event-Triggered/Self-Triggered Leader-Following Control of Stochastic Nonlinear Multiagent Systems Using High-Gain Method. IEEE Transactions on Cybernetics, 2021, 51, 2969-2978.	9.5	30
112	Decentralized event-triggered control for interconnected time-delay stochastic nonlinear systems using neural networks. Neurocomputing, 2018, 272, 270-278.	5.9	29
113	Dual-loop integral sliding mode control for robust trajectory tracking of a quadrotor. International Journal of Systems Science, 2020, 51, 203-216.	5.5	29
114	Distributed Event-Triggered Consensus of Multiagent Systems With Communication Delays: A Hybrid System Approach. IEEE Transactions on Cybernetics, 2020, 50, 3169-3181.	9.5	28
115	Output feedback prescribed performance control for interconnected time-delay systems with unknown Prandtlâ€"Ishlinskii hysteresis. Journal of the Franklin Institute, 2015, 352, 2750-2764.	3.4	27
116	Disturbance observer based robust backstepping control design of flexible airâ€breathing hypersonic vehicle. IET Control Theory and Applications, 2019, 13, 572-583.	2.1	27
117	Decentralized Adaptive Output Feedback Fault Detection and Control for Uncertain Nonlinear Interconnected Systems. IEEE Transactions on Cybernetics, 2020, 50, 935-945.	9.5	27
118	Application of grey wolf optimisation algorithm in parameter calculation of overhead transmission line system. IET Science, Measurement and Technology, 2021, 15, 218-231.	1.6	27
119	Distributed adaptive output feedback containment control for time-delay nonlinear multiagent systems. Automatica, 2021, 127, 109545.	5.0	27
120	Synchronization control for bilateral teleoperation system with prescribed performance under asymmetric time delay. Nonlinear Dynamics, 2015, 81, 481-493.	5.2	26
121	Finite-Time Observer-Based Leader-Following Consensus for Nonlinear Multiagent Systems With Input Delays. IEEE Transactions on Cybernetics, 2021, 51, 5850-5858.	9.5	26
122	Full state constraints-based adaptive tracking control for uncertain nonlinear stochastic systems with input saturation. Journal of the Franklin Institute, 2020, 357, 5125-5142.	3.4	26
123	Robust passivity analysis for uncertain neural networks with discrete and distributed time-varying delays. Neurocomputing, 2019, 364, 330-337.	5.9	25
124	Improved Modulation Strategy for Singe-Phase Cascaded H-Bridge Multilevel Inverter. IEEE Transactions on Power Electronics, 2022, 37, 2470-2474.	7.9	25
125	Adaptive Full-State-Constrained Control of Nonlinear Systems With Deferred Constraints Based on Nonbarrier Lyapunov Function Method. IEEE Transactions on Cybernetics, 2022, 52, 7634-7642.	9.5	25
126	Decentralized output feedback controller design for nonlinear interconnected systems with unknown control direction and timeâ€varying delays. International Journal of Adaptive Control and Signal Processing, 2014, 28, 1160-1173.	4.1	24

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127	Decentralised fault‐tolerant finite‐time control for a class of interconnected non‐linear systems. IET Control Theory and Applications, 2015, 9, 2331-2339.	2.1	24
128	Finite-time consensus control for second-order multi-agent systems without velocity measurements. International Journal of Systems Science, 2017, 48, 337-346.	5.5	24
129	Distributed Adaptive Output Feedback Leader-Following Consensus Control for Nonlinear Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2020, 50, 4309-4317.	9.3	24
130	Event-Triggered Iterative Learning Containment Control of Model-Free Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 7719-7726.	9.3	24
131	Comments on "State Feedback Stabilization for a Class of Stochastic Time-Delay Nonlinear Systems". IEEE Transactions on Automatic Control, 2004, 49, 1216-1216.	5.7	23
132	Adaptive fuzzy synchronization control for networked teleoperation system with input and multi-state constraints. Journal of the Franklin Institute, 2016, 353, 2814-2834.	3.4	23
133	Data-Driven Bayesian-Based Takagi‐Sugeno Fuzzy Modeling for Dynamic Prediction of Hot Metal Silicon Content in Blast Furnace. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1087-1099.	9.3	23
134	Delay-Dependent Stability for Load Frequency Control System via Linear Operator Inequality. IEEE Transactions on Cybernetics, 2022, 52, 6984-6992.	9.5	23
135	Decentralized output feedback adaptive NN tracking control of interconnected nonlinear time-delay systems with prescribed performance. Neurocomputing, 2016, 174, 885-896.	5.9	22
136	Decentralized adaptive tracking quantized control for interconnected pure feedback time delay nonlinear systems. Journal of the Franklin Institute, 2018, 355, 2313-2328.	3.4	22
137	Adaptive synchronization control design for flexible telerobotics with actuator fault and input saturation. International Journal of Robust and Nonlinear Control, 2018, 28, 1016-1034.	3.7	22
138	Real-time detection of flame and smoke using an improved YOLOv4 network. Signal, Image and Video Processing, 2022, 16, 1109-1116.	2.7	22
139	Bilateral Teleoperation Design With/Without Gravity Measurement. IEEE Transactions on Instrumentation and Measurement, 2012, 61, 3136-3146.	4.7	21
140	Finite-time coordination control for networked bilateral teleoperation. Robotica, 2015, 33, 451-462.	1.9	21
141	Improved approach to delay‐dependent stability and stabilisation of two‐dimensional discrete‐time systems with interval time‐varying delays. IET Control Theory and Applications, 2015, 9, 1839-1845.	2.1	21
142	Multi‐manipulators coordination for bilateral teleoperation system using fixed‐time control approach. International Journal of Robust and Nonlinear Control, 2018, 28, 5667-5687.	3.7	21
143	A Mobile Anchor Node Assisted RSSI Localization Scheme in Underwater Wireless Sensor Networks. Sensors, 2019, 19, 4369.	3.8	21
144	Disturbance observer-based output feedback control for uncertain QUAVs with input saturation. Neurocomputing, 2020, 413, 96-106.	5.9	21

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145	A Novel MIMO T–S Fuzzy Modeling for Prediction of Blast Furnace Molten Iron Quality With Missing Outputs. IEEE Transactions on Fuzzy Systems, 2021, 29, 1654-1666.	9.8	21
146	Observer-based adaptive control for uncertain time-delay systems. Information Sciences, 2006, 176, 201-214.	6.9	20
147	New Exponential Stability Criteria for Neural Networks With Time-Varying Delay. IEEE Transactions on Circuits and Systems II: Express Briefs, 2011, 58, 931-935.	3.0	20
148	Robust adaptive uniform exact tracking control for uncertain Euler–Lagrange system. International Journal of Control, 2017, 90, 2711-2720.	1.9	20
149	Integrated Localization and Tracking for AUV With Model Uncertainties via Scalable Sampling-Based Reinforcement Learning Approach. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6952-6967.	9.3	20
150	Event-Based Finite-Time Control for High-Order Interconnected Nonlinear Systems With Asymmetric Output Constraints. IEEE Transactions on Automatic Control, 2022, 67, 6135-6142.	5.7	20
151	Robust control of time-delay chaotic systems. Physics Letters, Section A: General, Atomic and Solid State Physics, 2003, 314, 72-80.	2.1	19
152	Robust output feedback control for fractional order nonlinear systems with time-varying delays. IEEE/CAA Journal of Automatica Sinica, 2016, 3, 477-482.	13.1	19
153	Modeling of the hot metal silicon content in blast furnace using support vector machine optimized by an improved particle swarm optimizer. Neural Computing and Applications, 2016, 27, 1451-1461.	5.6	19
154	Discrete-Time MIMO Reset Controller and Its Application to Networked Control Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2485-2494.	9.3	19
155	Distributed Output-Feedback Adaptive Fuzzy Leader-Following Consensus of Stochastic Nonlinear Interconnected Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 311-323.	9.3	19
156	Stabilization and Data-Rate Condition for Stability of Networked Control Systems With Denial-of-Service Attacks. IEEE Transactions on Cybernetics, 2022, 52, 700-711.	9.5	19
157	Distributed Containment Control for Nonlinear Stochastic Multiagent Systems. IEEE Transactions on Cybernetics, 2021, 51, 3361-3370.	9.5	19
158	Distributed Output-Feedback Consensus Control of Multiagent Systems with Unknown Output Measurement Sensitivity. IEEE Transactions on Automatic Control, 2021, 66, 3303-3310.	5.7	19
159	Exponential synchronization of the switched uncertain neural networks with mixed delays based on sampled-data control. Journal of the Franklin Institute, 2022, 359, 2259-2282.	3.4	19
160	Ill-posed Echo State Network based on L-curve Method for Prediction of Blast Furnace Gas Flow. Neural Processing Letters, 2016, 43, 97-113.	3.2	18
161	Disturbance observer–based dynamic surface control design for a hypersonic vehicle with input constraints and uncertainty. Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering, 2016, 230, 522-536.	1.0	18
162	New robust stability condition for discrete-time recurrent neural networks with time-varying delays and nonlinear perturbations. Neurocomputing, 2017, 219, 203-209.	5.9	18

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163	Distributed Output Feedback Leader-Following Control for High-Order Nonlinear Multiagent System Using Dynamic Gain Method. IEEE Transactions on Cybernetics, 2020, 50, 640-649.	9.5	18
164	Distributed Asynchronous Consensus Control for Nonlinear Multiagent Systems Under Switching Topologies. IEEE Transactions on Automatic Control, 2021, 66, 4327-4333.	5.7	18
165	Composite NNs learning full-state tracking control for robotic manipulator with joints flexibility. Neurocomputing, 2020, 409, 296-305.	5.9	18
166	Robust adaptive control for uncertain time-delay systems. International Journal of Adaptive Control and Signal Processing, 2005, 19, 531-545.	4.1	17
167	New stability criteria for neural networks with time-varying delays. Applied Mathematics and Computation, 2012, 218, 5035-5042.	2.2	17
168	Fixed-time Coordination Control for Bilateral Telerobotics System with Asymmetric Time-varying Delays. Journal of Intelligent and Robotic Systems: Theory and Applications, 2017, 86, 447-466.	3.4	17
169	Adaptive state feedback control for switched stochastic high‐order nonlinear systems under arbitrary switchings. International Journal of Robust and Nonlinear Control, 2018, 28, 2047-2063.	3.7	17
170	Improved synchronization criteria of Lur'e systems under sampled-data control. Nonlinear Dynamics, 2018, 94, 2827-2839.	5.2	17
171	Distributed adaptive containment control of uncertain QUAV multiagents with time-varying payloads and multiple variable constraints. ISA Transactions, 2019, 90, 107-115.	5.7	17
172	Fast data-driven iterative event-triggered control for nonlinear networked discrete systems with data dropouts and sensor saturation. Journal of the Franklin Institute, 2020, 357, 8364-8382.	3.4	17
173	Leader-Following Consensus Control for Uncertain Feedforward Stochastic Nonlinear Multiagent Systems. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 1049-1057.	11.3	17
174	Optimal parameter estimation of overhead transmission line considering different bundle conductors with the uncertainty of load modeling. Optimal Control Applications and Methods, 2022, 43, 652-666.	2.1	17
175	Optimal parameter estimation of 1-phase and 3-phase transmission line for various bundle conductor's using modified whale optimization algorithm. International Journal of Electrical Power and Energy Systems, 2022, 138, 107893.	5.5	17
176	State Feedback Controller Design of Networked Control Systems with Time Delay in the Plant. , 2006, , .		16
177	Global adaptive synchronization of complex networks with nonlinear delay coupling interconnections. Physics Letters, Section A: General, Atomic and Solid State Physics, 2007, 368, 281-288.	2.1	16
178	Adaptive backstepping control for a class of time delay systems with nonlinear perturbations. International Journal of Adaptive Control and Signal Processing, 2008, 22, 289-305.	4.1	16
179	Reduced-order observer-based output feedback control of nonlinear time-delay systems with prescribed performance. International Journal of Systems Science, 2016, 47, 1384-1393.	5.5	16
180	Stability analysis for fractional-order PD controlled delayed systems. Journal of the Franklin Institute, 2016, 353, 3118-3132.	3.4	16

#	Article	IF	Citations
181	Decentralized output feedback control of interconnected stochastic nonlinear time-delay systems with dynamic interactions. Neurocomputing, 2017, 221, 48-59.	5.9	16
182	Dynamic surface based tracking control of uncertain quadrotor unmanned aerial vehicles with multiple state variable constraints. IET Control Theory and Applications, 2019, 13, 526-533.	2.1	16
183	Adaptive neural torsional vibration suppression of the rolling mill main drive system subject to state and input constraints with sensor errors. Journal of the Franklin Institute, 2020, 357, 12886-12903.	3.4	16
184	Iterative Learning Model-Free Control for Networked Systems With Dual-Direction Data Dropouts and Actuator Faults. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5232-5240.	11.3	16
185	Distributed Output-Feedback Consensus Control for Nonlinear Multiagent Systems Subject to Unknown Input Delays. IEEE Transactions on Cybernetics, 2022, 52, 1292-1301.	9.5	16
186	Enhanced model-free adaptive iterative learning control with load disturbance and data dropout. International Journal of Systems Science, 2020, 51, 2057-2067.	5.5	16
187	Distributed Consensus Control for Nonlinear Multiagent Systems Under Directed Graphs of Dynamic Frequency Switches. IEEE Transactions on Automatic Control, 2021, 66, 841-848.	5.7	16
188	Adaptive neural network finite-time tracking quantized control for uncertain nonlinear systems with full-state constraints and applications to QUAVs. Neurocomputing, 2021, 440, 264-274.	5.9	16
189	Adaptive Event-Triggered Control for Uncertain High-Order Fully Actuated System. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 4438-4442.	3.0	16
190	Fault Detection for Uncertain Fuzzy Systems Based on the Delta Operator Approach. Circuits, Systems, and Signal Processing, 2014, 33, 733-759.	2.0	15
191	Control of periodic sampling systems subject to actuator saturation. International Journal of Robust and Nonlinear Control, 2015, 25, 3661-3678.	3.7	15
192	Synchronization analysis for nonlinear bilateral teleoperator with interval time€varying delay. International Journal of Robust and Nonlinear Control, 2015, 25, 2142-2161.	3.7	15
193	Operation Status Prediction Based on Top Gas System Analysis for Blast Furnace. IEEE Transactions on Control Systems Technology, 2017, 25, 262-269.	5.2	15
194	Adaptive neural networks-based visual servoing control for manipulator with visibility constraint and dead-zone input. Neurocomputing, 2019, 332, 44-55.	5.9	15
195	A Novel Delay-Dependent Finite-Time Control of Telerobotics System With Asymmetric Time-Varying Delays. IEEE Transactions on Control Systems Technology, 2022, 30, 985-996.	5.2	15
196	A time-varying forgetting factor stochastic gradient combined with Kalman filter algorithm for parameter identification of dynamic systems. Nonlinear Dynamics, 2014, 78, 1943-1952.	5.2	14
197	Finite-time control for a class of networked control systems with short time-varying delays and sampling jitter. International Journal of Automation and Computing, 2015, 12, 448-454.	4.5	14
198	Silicon content prediction and industrial analysis on blast furnace using support vector regression combined with clustering algorithms. Neural Computing and Applications, 2017, 28, 4111-4121.	5.6	14

#	Article	IF	Citations
199	State estimate for fuzzy neural networks with random uncertainties based on sampled-data control. Journal of the Franklin Institute, 2020, 357, 635-650.	3.4	14
200	Reset Observer-Based Zeno-Free Dynamic Event-Triggered Control Approach to Consensus of Multiagent Systems With Disturbances. IEEE Transactions on Cybernetics, 2022, 52, 2329-2339.	9.5	14
201	Stability analysis of micro-grid frequency control system with two additive time-varying delay. Journal of the Franklin Institute, 2020, 357, 4949-4963.	3.4	14
202	Parameter Estimation of AC Transmission Line Considering Different Bundle Conductors Using Flux Linkage Technique. Canadian Journal of Electrical and Computer Engineering, 2021, 44, 313-320.	2.0	14
203	Robust stabilization of uncertain dynamic time-delay systems with unknown bounds of uncertainties. , 2002, , .		13
204	Comments on "Robust stabilization of a class of time-delay nonlinear systems". IEEE Transactions on Automatic Control, 2003, 48, 907.	5.7	13
205	Fair resource allocation and stability for communication networks with multipath routing. International Journal of Systems Science, 2014, 45, 2342-2353.	5.5	13
206	Consensus of Multi-slave Bilateral Teleoperation System with Time-Varying Delays. Journal of Intelligent and Robotic Systems: Theory and Applications, 2014, 76, 239-253.	3.4	13
207	Visual tracking control for an uncalibrated robot system with unknown camera parameters. Robotics and Computer-Integrated Manufacturing, 2014, 30, 19-24.	9.9	13
208	A robust H âˆž control approach for a class of networked control systems with sampling jitter and packet-dropout. International Journal of Control, Automation and Systems, 2014, 12, 759-768.	2.7	13
209	Coordination control for bilateral teleoperation with kinematics and dynamics uncertainties. Robotics and Computer-Integrated Manufacturing, 2014, 30, 180-188.	9.9	13
210	Extended-state-observer-based finite-time synchronization control design of teleoperation with experimental validation. Nonlinear Dynamics, 2016, 85, 317-331.	5.2	13
211	Finite-time Control for Image-based Visual Servoing of a Quadrotor Using Nonsingular Fast Terminal Sliding Mode. International Journal of Control, Automation and Systems, 2020, 18, 2337-2348.	2.7	13
212	Decentralized Dynamic Event-Triggered $\mathcal {H}_{\infty }$ Control for Nonlinear Systems With Unreliable Communication Channel and Limited Bandwidth. IEEE Transactions on Fuzzy Systems, 2021, 29, 757-771.	9.8	13
213	Adaptive Backstepping Sliding Mode Control of Uncertain Semi-Strict Nonlinear Systems and Application to Permanent Magnet Synchronous Motor. Journal of Systems Science and Complexity, 2021, 34, 552-571.	2.8	13
214	Event-Triggered Control for High-Order Uncertain Nonlinear Multiagent Systems Subject to Denial-of-Service Attacks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 6129-6138.	9.3	13
215	Dynamic Event-Based Adaptive Finite-Time Tracking Control for Nonlinear Stochastic Systems Under State Constraints. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 7201-7210.	9.3	13
216	Hybrid Dynamic Event-Triggered Load Frequency Control for Power Systems With Unreliable Transmission Networks. IEEE Transactions on Cybernetics, 2023, 53, 806-817.	9.5	13

#	Article	IF	Citations
217	Overview of Recent Advanced Topologies for Transformerless Dual-Grounded Inverters. IEEE Transactions on Power Electronics, 2022, 37, 12679-12704.	7.9	13
218	Robust Decentralized Adaptive Control for Interconnected Systems With Time Delays. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2005, 127, 656-662.	1.6	12
219	Modeling and control for wireless networked control system. International Journal of Automation and Computing, 2011, 8, 357-363.	4.5	12
220	Stochastic gradient with changing forgetting factor-based parameter identification for Wiener systems. Applied Mathematics Letters, 2014, 33, 40-45.	2.7	12
221	Decentralized adaptive neural network control for mechanical systems with dead-zone input. Nonlinear Dynamics, 2014, 76, 1845-1855.	5.2	12
222	Delay–dependent Stability and Static Output Feedback Control of 2–D Discrete Systems with Interval Time–varying Delays. Asian Journal of Control, 2014, 16, 1726-1734.	3.0	12
223	Continuous–discrete-time adaptive observers for nonlinear systems with sampled output measurements. International Journal of Systems Science, 2017, 48, 2599-2609.	5.5	12
224	A Delay-partitioning Approach to the Stability Analysis of 2-D Linear Discrete-time Systems with Interval Time-varying Delays. International Journal of Control, Automation and Systems, 2018, 16, 682-688.	2.7	12
225	Composite Practically Fixed Time Controller Design for a Hypersonic Vehicle With Multisource Uncertainty and Actuator Fault. IEEE Transactions on Aerospace and Electronic Systems, 2021, 57, 4375-4389.	4.7	12
226	Disturbance Observer-based Nonsingular Fast Terminal Sliding Mode Fault Tolerant Control of a Quadrotor UAV with External Disturbances and Actuator Faults. International Journal of Control, Automation and Systems, 2022, 20, 1122-1130.	2.7	12
227	Adaptive Control for a Class of Nonlinear Time-Delay System Based on the Fully Actuated System Approaches. Journal of Systems Science and Complexity, 2022, 35, 522-534.	2.8	12
228	Enlarging the domain of attraction and maximising convergence rate for delta operator systems with actuator saturation. International Journal of Control, 2015, 88, 2030-2043.	1.9	11
229	Nonlinear protocols for distributed consensus in directed networks of dynamic agents. Journal of the Franklin Institute, 2015, 352, 3645-3669.	3.4	11
230	Stability Analysis of Delta Operator Systems with Actuator Saturation by a Saturation-Dependent Lyapunov Function. Circuits, Systems, and Signal Processing, 2015, 34, 971-986.	2.0	11
231	Decentralised adaptive control of switched interconnected high-order nonlinear systems with unknown control direction and time-delay. International Journal of Control, 2019, 92, 875-885.	1.9	11
232	Hybrid threshold strategy–based adaptive tracking control for nonlinear stochastic systems with full–state constraints. International Journal of Robust and Nonlinear Control, 2020, 30, 6189-6206.	3.7	11
233	Fixed-time stabilization for interconnected high-order nonlinear systems with dead-zone input and output constraint. Journal of the Franklin Institute, 2021, 358, 6923-6940.	3.4	11
234	Leaderless and Leader-Following Bipartite Consensus of Multiagent Systems With Sampled and Delayed Information. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2220-2233.	11.3	11

#	Article	IF	Citations
235	Event-Triggered Exponential Synchronization of the Switched Neural Networks With Frequent Asynchronism. IEEE Transactions on Neural Networks and Learning Systems, 2024, 35, 1750-1760.	11.3	11
236	Dynamic output-feedback control for nonlinear continuous-time systems based on parametric uncertain subsystem and interval type-2 fuzzy model. Journal of the Franklin Institute, 2018, 355, 7962-7984.	3.4	10
237	Reset Control for Consensus of Multiagent Systems With Asynchronous Sampling. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 4911-4919.	9.3	10
238	Sampled-Data Leaderless and Leader-Following Consensus of Multiagent Systems Under Nonidentical Packet Losses. IEEE Transactions on Network Science and Engineering, 2022, 9, 795-806.	6.4	10
239	A fast training algorithm for extreme learning machine based on matrix decomposition. Neurocomputing, 2016, 173, 1951-1958.	5.9	9
240	Adaptive Fuzzy Vertical Vibration Suppression Control of the Mechanical-Hydraulic Coupling Rolling Mill System With Input Dead-Zone and Output Constraints. IEEE Access, 2020, 8, 85793-85801.	4.2	9
241	Model-free adaptive iterative sliding mode control for a robotic exoskeleton trajectory tracking system. International Journal of Systems Science, 2020, 51, 1782-1797.	5.5	9
242	Adaptive Torsional Vibration Control of the Nonlinear Rolling Mill Main Drive System with Performance Constraints and Sensor Errors. International Journal of Control, Automation and Systems, 2021, 19, 1264-1272.	2.7	9
243	Zero Dynamic DC-Link Voltage Control for Current Source Converter Under Grid Disturbances. IEEE Transactions on Power Electronics, 2022, 37, 855-864.	7.9	9
244	Composite Adaptive Guaranteed Performances Synchronization Control for Bilateral Teleoperation System With Asymmetrical Time-Varying Delays. IEEE Transactions on Cybernetics, 2022, 52, 5486-5497.	9.5	9
245	Reduced-Order Observer-Based Output-Feedback Tracking Control for Nonlinear Time-Delay Systems With Global Prescribed Performance. IEEE Transactions on Cybernetics, 2023, 53, 5560-5571.	9.5	9
246	Hybrid Event-Triggered Bipartite Consensus Control of Multiagent Systems and Application to Satellite Formation. IEEE Transactions on Automation Science and Engineering, 2023, 20, 1760-1771.	5.2	9
247	New Delay-dependent stability criteria for neutral systems with time-varying delay using delay-decomposition approach. International Journal of Control, Automation and Systems, 2014, 12, 786-793.	2.7	8
248	Structure and parameter identification for Bayesian Hammerstein system. Nonlinear Dynamics, 2015, 79, 1847-1861.	5.2	8
249	Optimal resource allocation for heterogeneous traffic in multipath networks. International Journal of Communication Systems, 2016, 29, 84-98.	2.5	8
250	Improved High-Order-Reset-Element Model Based on Circuit Analysis. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 432-436.	3.0	8
251	Output feedback control for stochastic nonlinear time delay systems using dynamic gain technique. Journal of the Franklin Institute, 2018, 355, 1073-1087.	3.4	8
252	Adaptive Robust Visual Servoing/Force Control for Robot Manipulator With Dead-Zone Input. IEEE Access, 2019, 7, 129627-129636.	4.2	8

#	Article	IF	Citations
253	A Trusted-ID Referenced Key Scheme for Securing SCADA Communication in Iron and Steel Plants. IEEE Access, 2019, 7, 46947-46958.	4.2	8
254	Image based fixed time visual servoing control for the quadrotor UAV. IET Control Theory and Applications, 2019, 13, 3117-3123.	2.1	8
255	Event-triggered based adaptive neural network control of a robotic manipulator with output constraints and disturbance. International Journal of Systems Science, 2021, 52, 2415-2426.	5.5	8
256	Adaptive neural network control for a class of interconnected pure-feedback time-delay nonlinear systems with full-state constraints and unknown measurement sensitivities. Neurocomputing, 2021, 461, 147-161.	5.9	8
257	A Generalized Reciprocally Convex Inequality on Stability and Stabilization for Tâ€"S Fuzzy Systems With Time-Varying Delay. IEEE Transactions on Fuzzy Systems, 2023, 31, 722-733.	9.8	8
258	Control for wireless networked control systems based on 802.11b. International Journal of Systems Science, 2011, 42, 1387-1396.	5.5	7
259	Decentralised adaptive control for a class of stochastic switched interconnected nonlinear systems. International Journal of Systems Science, 2016, 47, 3782-3791.	5.5	7
260	Adaptive state feedback control for time-delay stochastic nonlinear systems based on dynamic gain method. International Journal of Control, 2019, 92, 2806-2819.	1.9	7
261	Global output feedback regulation of nonlinear time delay systems subject to sensor measurement faults. International Journal of Robust and Nonlinear Control, 2020, 30, 2292-2303.	3.7	7
262	Low-rank based Multi-Input Multi-Output Takagi-Sugeno fuzzy modeling for prediction of molten iron quality in blast furnace. Fuzzy Sets and Systems, 2021, 421, 178-192.	2.7	7
263	An augmented delays-dependent region partitioning approach for recurrent neural networks with multiple time-varying delays. Neurocomputing, 2021, 423, 248-254.	5.9	7
264	Delay and Packet-Drop Tolerant Multistage Distributed Average Tracking in Mean Square. IEEE Transactions on Cybernetics, 2022, 52, 9535-9545.	9.5	7
265	A Hybrid Switching Control Approach to Consensus of Multiagent Systems. IEEE Transactions on Cybernetics, 2022, 52, 11133-11143.	9.5	7
266	Stability and stabilization for the coupling permanent magnet synchronous motors system with input delay. Nonlinear Dynamics, 2022, 107, 3461-3471.	5.2	7
267	Adaptive Decentralized Control for Interconnected Time-Delay Uncertain Nonlinear Systems With Different Unknown Control Directions and Deferred Full-State Constraints. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 10789-10801.	11.3	7
268	Stability Analysis of Time-Varying Delay Tâ€"S Fuzzy Systems via Quadratic-Delay-Product Method. IEEE Transactions on Fuzzy Systems, 2023, 31, 129-137.	9.8	7
269	Adaptive Prescribed Performance Fault Tolerant Control for a Flexible Air-Breathing Hypersonic Vehicle With Uncertainty. IEEE Access, 2019, 7, 35018-35033.	4.2	6
270	Asynchronous stabilization of switched neutral systems: A cooperative stabilizing approach. Nonlinear Analysis: Hybrid Systems, 2019, 33, 380-392.	3.5	6

#	Article	IF	Citations
271	Novel smooth sliding mode attitude control design for constrained re-entry vehicle based on disturbance observer. International Journal of Systems Science, 2019, 50, 75-90.	5.5	6
272	A Novel Multiple-Input–Multiple-Output Random Vector Functional-Link Networks for Predicting Molten Iron Quality Indexes in Blast Furnace. IEEE Transactions on Industrial Electronics, 2021, 68, 11309-11317.	7.9	6
273	Input-to-State Stability for Time-Delay Systems With Large Delays. IEEE Transactions on Cybernetics, 2023, 53, 1598-1606.	9.5	6
274	Output Space Transfer-Based MIMO RVFLNs Modeling for Estimation of Blast Furnace Molten Iron Quality With Missing Indexes. IEEE Transactions on Instrumentation and Measurement, 2021, 70, 1-10.	4.7	6
275	Modeling and vertical torsional coupling vibration control of the rolling mill with full state constraints. International Journal of Robust and Nonlinear Control, 2022, 32, 5501-5519.	3.7	6
276	Adaptive Iterative Learning Fault-Tolerant Consensus Control of Multiagent Systems Under Binary-Valued Communications. IEEE Transactions on Cybernetics, 2023, 53, 6751-6760.	9.5	6
277	Quantized guaranteed cost control for wireless networked control system. , 2009, , .		5
278	A new adaptive unscented Kalman filter based on covariance matching technique. , 2014, , .		5
279	Active disturbance rejection tracking control for a nonlinear pneumatic muscle system. International Journal of Control, Automation and Systems, 2017, 15, 2376-2384.	2.7	5
280	Analysis and Design for Networked Teleoperation System. , 2019, , .		5
281	Stabilisation for teleoperation systems with sampled-data information feedback. International Journal of Control, 2019, 92, 2201-2209.	1.9	5
282	Effects of quantization and saturation on performance in bilateral teleoperator. International Journal of Robust and Nonlinear Control, 2020, 30, 121-141.	3.7	5
283	Distributed Control for Uncertain Nonlinear Multiagent Systems Subject to Hybrid Faults. International Journal of Control, Automation and Systems, 2020, 18, 2589-2598.	2.7	5
284	Force feedback control for bilateral teleoperation system with unknown Prandtl-Ishlinskii hysteresis. Journal of the Franklin Institute, 2020, 357, 8321-8341.	3.4	5
285	Distributed Adaptive Leader-Following Consensus for Nonlinear Multiagent Systems With Actuator Failures Under Directed Switching Graphs. IEEE Transactions on Cybernetics, 2023, 53, 211-221.	9.5	5
286	Decentralised state-feedback prescribed performance control for a class of interconnected nonlinear full-state time-delay systems with strong interconnection. International Journal of Systems Science, 2021, 52, 2580-2596.	5.5	5
287	Output space transfer based multi-input multi-output Takagi–Sugeno fuzzy modeling for estimation of molten iron quality in blast furnace. Knowledge-Based Systems, 2021, 219, 106906.	7.1	5
288	Controller Design for Cold Rolling Mill HAGC System with Measurement Delay Perturbation. Jixie Gongcheng Xuebao/Chinese Journal of Mechanical Engineering, 2014, 50, 46.	0.5	5

#	Article	IF	Citations
289	H_∞ output feedback control for fractional-order T-S fuzzy model with time-delay. Applied Mathematics and Computation, 2022, 416, 126736.	2.2	5
290	A Blow-Up Function Approach to Global Event-Triggered Prescribed Tracking Output Feedback Control of Nonlinear Systems. IEEE Transactions on Circuits and Systems I: Regular Papers, 2022, 69, 4225-4236.	5.4	5
291	A novel digital control strategy of three-phase shunt active power filter under non-ideal mains voltages. Central South University, 2011, 18, 2021-2030.	0.5	4
292	Transparency performance improvement for bilateral teleoperation with direct force-feedback control. , 2011, , .		4
293	Adaptive position tracking control for Bilateral teleoperation with constant time delay. , 2012, , .		4
294	An application of linear algebra theory in networked control systems: stochastic cyber-attacks detection approach. IMA Journal of Mathematical Control and Information, 2016, 33, 1081-1102.	1.7	4
295	Non-smooth state feedback prescribed performance control for interconnected nonlinear systems with unmodelled dynamics. International Journal of Systems Science, 2018, 49, 2888-2899.	5.5	4
296	Estimator-Based Output-Feedback Stabilization of Linear Multi-Delay Systems using SOS. , 2019, , .		4
297	Event‐based leader‐following consensus for uncertain non‐linear multiagent systems. IET Control Theory and Applications, 2020, 14, 577-583.	2.1	4
298	Global output feedback tracking control for switched nonlinear systems with deferred prescribed performance. Journal of the Franklin Institute, 2021, 358, 1743-1764.	3.4	4
299	Double-hyperplane fuzzy classifier design for tendency prediction of silicon content in molten iron. Fuzzy Sets and Systems, 2021, , .	2.7	4
300	A New Adaptive Visual Tracking Scheme for Robotic System Without Image-Space Velocity Information. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5249-5258.	9.3	4
301	Truncated predictor stabilization control for interconnected nonlinear systems with time-varying input delay. Nonlinear Dynamics, 2022, 107, 2421-2428.	5.2	4
302	Adaptive neural network control for flexible telerobotic systems with communication constraints. Journal of the Franklin Institute, 2022, 359, 4751-4775.	3.4	4
303	Convergence analysis of tele-operation systems with unsymmetric time-varying delays. , 2008, , .		3
304	Modeling and observer based predictive control for rolling system. , 2014, , .		3
305	Adaptive prescribed performance control for nonlinear networked teleoperation system under time delay. , 2014, , .		3
306	Wireless network based formation control for multiple agents. International Journal of Control, Automation and Systems, 2014, 12, 415-421.	2.7	3

#	Article	IF	Citations
307	Dynamic surface tracking controller design for a constrained hypersonic vehicle based on disturbance observer. International Journal of Advanced Robotic Systems, 2017, 14, 172988141770377.	2.1	3
308	Inputs screening of hot metal silicon content model on blast furnace. , 2017, , .		3
309	Switching regulation based stabilisation of discreteâ€time 2D switched systems with stable and unstable modes. IET Control Theory and Applications, 2018, 12, 953-960.	2.1	3
310	Funnelâ€like prescribed tracking control for uncertain nonlinear stochastic switched systems. International Journal of Robust and Nonlinear Control, 2019, 29, 3936-3953.	3.7	3
311	Iterative Learning Control of Exponential Variable Gain Based on Initial State Learning for Upper Limb Rehabilitation Robot. , 2019, , .		3
312	Controller design for fractional-order interconnected systems with unmodeled dynamics. Nonlinear Dynamics, 2021, 103, 1599-1610.	5.2	3
313	Adaptive fuzzy output feedback controller design for a HAGC system with input saturation and output error constraints. Journal of the Franklin Institute, 2022, 359, 2030-2057.	3.4	3
314	An Output Feedback Cascade Control Approach to Distributed Consensus of Nonlinear Multiagent Systems With Output Delays. IEEE Transactions on Network Science and Engineering, 2022, 9, 2631-2640.	6.4	3
315	Adaptive output feedback faultâ€tolerant control for nonlinear stochastic systems with output constraint. International Journal of Robust and Nonlinear Control, 2022, 32, 6704-6720.	3.7	3
316	Memoryless Adaptive Controller Design for Uncertain Polynomial Systems With Multiple Time Delays. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2008, 130, .	1.6	2
317	Teleoperation system design over the internet with velocity estimation. , 2009, , .		2
318	Delay-dependent exponential stability criteria for stochastic systems with polytopic-type uncertainties. Journal of Control Theory and Applications, 2009, 7, 291-296.	0.8	2
319	Stochastic gradient based iterative identification algorithm for a class of dual-rate Wiener systems. , 2014, , .		2
320	Wiener model identification of blast furnace ironmaking process based on Laguerre filter and linear programming support vector regression. , 2014, , .		2
321	Image-based robotic control with unknown camera parameters and joint velocities. Robotica, 2015, 33, 1718-1730.	1.9	2
322	Formation control of Teleoperating Cyber-Physical System subject to time delay and actuator saturation constraints. , 2016, , .		2
323	Finite-time attitude tracking control design for reusable launch vehicle in reentry phase based on disturbance observer. Advances in Mechanical Engineering, 2017, 9, 168781401774407.	1.6	2
324	Adaptive Sliding Mode Observer-Based Force Feedback Control for Nonlinear Bilateral Teleoperators. , 2018, , .		2

#	Article	IF	Citations
325	Output feedback consensus control of high-order nonlinear multi-agent systems with full state constraints. , 2019, , .		2
326	Hierarchical Decomposition-Based Distributed Full States Tracking Consensus for High-Order Nonlinear Multiagent Systems. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 1296-1307.	9.3	2
327	Dynamic parameter identification of upperâ€limb rehabilitation robot system based on variable parameter particle swarm optimisation. IET Cyber-Systems and Robotics, 2020, 2, 140-148.	1.8	2
328	A Novel Interaction Controller Design for Robotic Manipulators With Arbitrary Convergence Time. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 2151-2155.	3.0	2
329	Stabilization for time-delay nonlinear systems with unknown time-varying control coefficients. Journal of the Franklin Institute, 2022, 359, 8895-8909.	3.4	2
330	Robust control of time-delay chaotic systems. , 0, , .		1
331	Variable structure adaptive fuzzy control for a class of nonlinear time delay systems. , 2004, , .		1
332	Memoryless State Feedback Controller Design for Networked Control Systems. , 2007, , .		1
333	Delay-dependent stability analysis of teleoperation systems with unsymmetric time-varying delays. , 2009, , .		1
334	Visual servo control of uncalibrated robot system with dead-zone input. , 2012, , .		1
335	New delay-dependent stability criteria for neutral systems with time-varying delay using delay-decomposition approach. , 2013, , .		1
336	Stochastic cyber-attacks estimation for nonlinear control systems based on robust H<inf>&#x221E;</inf> filtering technique. , 2015, , .		1
337	Disturbance observer based finite time control design for reusable launch vehicle in re-entry phase. , 2016, , .		1
338	New approach to delay-dependent stability of two-dimensional discrete-time systems with interval time-varying delays. , 2017, , .		1
339	Delayâ€Dependent Stability Criterion for Discreteâ€Time Systems with Timeâ€Varying Delays. Asian Journal of Control, 2017, 19, 708-716.	3.0	1
340	Distributed fault-tolerant consensus control for uncertain nonlinear multi-agent systems. , 2019, , .		1
341	On Exploring the Domain of Attraction for Bilateral Teleoperator. , 2019, , 205-220.		1
342	Reset Control for Consensus of Multiagent Systems with Event-Triggered Communication. IEEE Transactions on Cybernetics, 2021, 51, 5387-5396.	9.5	1

#	Article	IF	Citations
343	Unknown Time-Varying Input Delay Compensation for Cold Rolling Mill System. , 2020, , .		1
344	Tracking Control for Full-State Constrained Wheeled Robot System with Unknown Dead-Zone Input. , 2021, , .		1
345	Non-fragile H_∞ control for event-triggered networked control systems with probabilistic time-varying delay. International Journal of Control, 2023, 96, 1935-1945.	1.9	1
346	Modeling and H∞ control of wireless network-based bilateral teleoperation. , 2011, , .		0
347	PD control for teleoperation system with delayed and quantized communication channel. , 2012, , .		0
348	Visual-based robotic control without joint velocities. , 2012, , .		0
349	Output feedback control for a class of nonlinear time delay systems with prescribed performance. , 2013, , .		0
350	Finite-time prescribed performance control for nonlinear systems with unmodeled dynamics. , 2016, , .		0
351	Output feedback prescribed performance control for interconnected time-delay systems with unmodeled dynamics and uncertain parameters. , 2016, , .		0
352	Networked reset control systems with time delays in both forward and feedback channels. , 2017, , .		0
353	Delay-dependent stability of two-dimensional Markovian jump systems in the Roesser model with interval time-varying delays. , 2017, , .		0
354	Indexes Prediction of Blast Furnace Gas Flow Using the T-S Fuzzy Model of Weighting Rule Firing Level Based on Two Kinds of Cluster Prototypes. , 2018, , .		0
355	A Novel Hybrid Systems Framework For Leader-Following Consensus of Multi-Agent Systems. , 2019, , .		0
356	Stability Analysis of Teleoperation Systems with Asymmetric Interval Time-Varying Delays. , 2019, , 45-66.		0
357	Adaptive Controller Design for Teleoperation System with Actuator Saturation. , 2019, , 221-247.		0
358	Stability Analysis of Teleoperation Systems with Quantization. , 2019, , 67-82.		0
359	Finite Time Observer Design for Teleoperation System. , 2019, , 177-202.		0
360	Directed Force Feedback Control Design with Asymmetric and Time-Varying Delays. , 2019, , 85-96.		0

#	Article	IF	Citations
361	Teleoperation over the Internet with Exponential Convergence. , 2019, , 97-111.		0
362	Finite Time Controller Design for Bilateral Teleoperation System. , 2019, , 113-140.		0
363	Synchronization of Delayed Neural Networks With Actuator Failure Based on Stochastic Sampled-Data Controller. IEEE Access, 2020, 8, 200923-200931.	4.2	0
364	Formation Mechanism and Influence Factors of Roll Surface Oil Film Thickness in the Double Cold Reduction Mill. Mathematical Problems in Engineering, 2020, 2020, 1-10.	1.1	0
365	Event-Triggered Finite-Time Stabilization of High-Order Stochastic Nonlinear Systems with Inverse Dynamics. , 2021, , .		0
366	Decentralized robust model reference adaptive control for interconnected time-delay systems. , 2004, , .		0
367	Research of regional sustainable development system-based on the city of Qinhuangdao. , 2014, , .		0
368	Novel Control of Dual-Grounded Soft-Switching Transformerless Single-Phase Inverter. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, , 1-1.	5.4	0
369	Event-triggered distributed consensus control for a class of uncertain nonlinear multi-agent systems. , 2021, , .		0
370	Tracking Control of Uncertain Interconnected Time-delay Nonlinear Systems with Full State Constraints. , 2021, , .		0