Mou Chen

List of Publications by Year
in descending order

239 papers	10,125 citations	53660 45 h-index	37111 96 g-index
242 all docs	242 docs citations	242 times ranked	5437 citing authors

#	Article	IF	Citations
1	Adaptive Multigradient Recursive Reinforcement Learning Event-Triggered Tracking Control for Multiagent Systems. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 144-156.	7.2	79
2	Improved lazy thetaâˆ— algorithm based on octree map for path planning of UAV. Defence Technology, 2023, 23, 8-18.	2.1	6
3	Adaptive NN Tracking Control for Uncertain MIMO Nonlinear System With Time-Varying State Constraints and Disturbances. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 7309-7323.	7.2	11
4	Flight and Vibration Control of Flexible Air-Breathing Hypersonic Vehicles Under Actuator Faults. IEEE Transactions on Cybernetics, 2023, 53, 2741-2752.	6.2	7
5	Disturbance-Observer-Based Adaptive Fuzzy Tracking Control for Unmanned Autonomous Helicopter With Flight Boundary Constraints. IEEE Transactions on Fuzzy Systems, 2023, 31, 184-198.	6.5	13
6	Observer-Based Fixed-Time Adaptive Fuzzy Bipartite Containment Control for Multiagent Systems With Unknown Hysteresis. IEEE Transactions on Fuzzy Systems, 2022, 30, 1302-1312.	6.5	45
7	Predictor-Based Control for a Flexible Satellite Subject to Output Time Delay. IEEE Transactions on Control Systems Technology, 2022, 30, 1420-1432.	3.2	5
8	Adaptive Neural Safe Tracking Control Design for a Class of Uncertain Nonlinear Systems With Output Constraints and Disturbances. IEEE Transactions on Cybernetics, 2022, 52, 12571-12582.	6.2	18
9	Arbitrary Configuration Stabilization Control for Nonholonomic Vehicle With Input Saturation: A c-Nonholonomic Trajectory Approach. IEEE Transactions on Industrial Electronics, 2022, 69, 1663-1672.	5.2	6
10	Composite attitude fault tolerant tracking control for flexible satellite with time delay. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2022, 236, 1336-1347.	0.7	1
11	Resilient <mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si5.svg"><mml:msub><mml:mi>H</mml:mi><mml:mi>âˆž</mml:mi></mml:msub></mml:math> control for uncertain turbofan linear switched systems with hybrid switching mechanism and disturbance observer. Applied Mathematics and Computation, 2022, 413, 126597.	1.4	6
12	Adaptive tracking control for an unmanned autonomous helicopter using neural network and disturbance observer. Neurocomputing, 2022, 468, 296-305.	3.5	4
13	Robust noncooperative attitude tracking control for rigid bodies on rotation matrices subject to input saturation constraint. International Journal of Robust and Nonlinear Control, 2022, 32, 1583.	2.1	3
14	Multiapproximator-Based Fault-Tolerant Tracking Control for Unmanned Autonomous Helicopter With Input Saturation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2022, 52, 5710-5722.	5.9	22
15	Prescribed performanceâ€“based tracking control for quadrotor UAV under input delays and input saturations. Transactions of the Institute of Measurement and Control, 2022, 44, 2049-2062.	1.1	12
16	Robust discreteâ€time fractionalâ€order control for an unmanned aerial vehicle based on disturbance observer. International Journal of Robust and Nonlinear Control, 2022, 32, 4665-4682.	2.1	6
17	Coordinated Disturbance Observer-Based Flight Control of Fixed-Wing UAV. IEEE Transactions on Circuits and Systems II: Express Briefs, 2022, 69, 3545-3549.	2.2	4
18	An adaptive antiâ€swing control for the helicopter slungâ€load system based on trajectory planning and neural network. International Journal of Adaptive Control and Signal Processing, 2022, 36, 1116-1140.	2.3	6

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19	Noncertainty-equivalent observer-based noncooperative target tracking control for unmanned aerial vehicles. Science China Information Sciences, 2022, 65, 1.	2.7	9
20	Disturbance Observer-based LQR Tracking Control for Unmanned Autonomous Helicopter Slung-load System. International Journal of Control, Automation and Systems, 2022, 20, 1166-1178.	1.6	9
21	Disturbance observer-based robust coordination control for unmanned autonomous helicopter slung-load system via coupling analysis method. Applied Mathematics and Computation, 2022, 427, 127148.	1.4	1
22	Distributed DETMs-based internal collision avoidance control for UAV formation with lumped disturbances. Applied Mathematics and Computation, 2022, 433, 127362.	1.4	8
23	Robust Resilient Control Based on Multi-Approximator for the Uncertain Turbofan System With Unmeasured States and Disturbances. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 6040-6049.	5.9	12
24	An Implicit Function-Based Adaptive Control Scheme for Noncanonical-Form Discrete-Time Neural-Network Systems. IEEE Transactions on Cybernetics, 2021, 51, 5728-5739.	6.2	2
25	Adaptive Fault-Tolerant Tracking Control for Discrete-Time Multiagent Systems via Reinforcement Learning Algorithm. IEEE Transactions on Cybernetics, 2021, 51, 1163-1174.	6.2	280
26	Adaptive Neural Discrete-Time Fractional-Order Control for a UAV System With Prescribed Performance Using Disturbance Observer. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 742-754.	5.9	48
27	Tracking Flight Control of Quadrotor Based on Disturbance Observer. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1414-1423.	5.9	100
28	Quantized Adaptive Finite-Time Bipartite NN Tracking Control for Stochastic Multiagent Systems. IEEE Transactions on Cybernetics, 2021, 51, 2870-2881.	6.2	83
29	Switched safe tracking control design for unmanned autonomous helicopter with disturbances. Nonlinear Analysis: Hybrid Systems, 2021, 39, 100979.	2.1	18
30	Robust Discrete-Time Flight Control of UAV with External Disturbances. Studies in Systems, Decision and Control, 2021, , .	0.8	6
31	Distributed Fault Estimation and Fault-Tolerant Control of Interconnected Systems. IEEE Transactions on Cybernetics, 2021, 51, 1230-1240.	6.2	47
32	Fuzzy Robust Constrained Control for Nonlinear Systems With Input Saturation and External Disturbances. IEEE Transactions on Fuzzy Systems, 2021, 29, 345-356.	6.5	46
33	Fixed-time tracking control for two-link rigid manipulator based on disturbance observer. Transactions of the Institute of Measurement and Control, 2021, 43, 1924-1935.	1.1	3
34	Event-Triggered-Based Discrete-Time Neural Control for a Quadrotor UAV Using Disturbance Observer. IEEE/ASME Transactions on Mechatronics, 2021, 26, 689-699.	3.7	52
35	Composite Anti-Disturbance Reference Model L2-$L_{infty }$ Control for Helicopter Slung Load System. Journal of Intelligent and Robotic Systems: Theory and Applications, 2021, 102, 1.	2.0	6
36	Finite-Time Performance Recovery Strategy-based NCE Adaptive Neural Control for Networked Nonlinear Systems against DoS Attack. , 2021, , .		4

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37	State prediction based control schemes for nonlinear systems with input delay and external disturbance. IET Control Theory and Applications, 2021, 15, 1697-1707.	1.2	2
38	Robust model reference adaptive backstepping sliding-mode control for quadrotor attitude with disturbance observer. Aircraft Engineering and Aerospace Technology, 2021, 93, 1156-1170.	0.7	4
39	Polynomial networks based adaptive attitude tracking control for NSVs with input constraints and stochastic noises. Chinese Journal of Aeronautics, 2021, 34, 124-134.	2.8	2
40	Disturbance-observer-based formation-containment control for UAVs via distributed adaptive event -triggered mechanisms. Journal of the Franklin Institute, 2021, 358, 5305-5333.	1.9	24
41	Disturbance-observer-based adaptive NN control for a class of MIMO discrete-time nonlinear strict-feedback systems with dead zone. Neurocomputing, 2021, 446, 23-31.	3.5	11
42	An<mml:math xmlns:mml="http://www.w3.org/1998/Math/MathML" altimg="si3.svg"><mml:mrow><mml:msub><mml:mi>l</mml:mi><mml:mn>2</mml:mn></mml:msub><mml:mo linebreak="goodbreak">â^</mml:mo><mml:msub><mml:mi>l</mml:mi><mml:mi>â^ž</mml:mi></mml:msub></mml:mrow></mml:math> containment coordination tracking of heterogeneous multi-unmanned systems with switching directed topology. Applied Mathematics and Computation, 2021, 404, 126080.	1.4	4
43	Hybrid Estimation Strategy-Based Anti-disturbance Control for Nonlinear Systems. IEEE Transactions on Automatic Control, 2021, 66, 4910-4917.	3.6	18
44	Composite fault tolerant attitude control for flexible satellite system under disturbance and input delay. Applied Mathematics and Computation, 2021, 409, 126419.	1.4	5
45	Path Planning of Unmanned Autonomous Helicopter Based on Human-Computer Hybrid Augmented Intelligence. Neural Plasticity, 2021, 2021, 1-22.	1.0	4
46	Modeling of UAV and Preliminaries. Studies in Systems, Decision and Control, 2021, , 31-52.	0.8	0
47	Discrete-Time NN Attitude Tracking Control for UAV System with Disturbance and Input Saturation. Studies in Systems, Decision and Control, 2021, , 93-118.	0.8	0
48	Discrete-Time Control for Uncertain UAV System Based on SMDO and NN. Studies in Systems, Decision and Control, 2021, , 119-149.	0.8	0
49	DTFO Control for Uncertain UAV Attitude System Based on NN and Prescribed Performance Method. Studies in Systems, Decision and Control, 2021, , 151-176.	0.8	2
50	Nonlinear Control with Energy Shaping for Unmanned Helicopter Slung-load System Based on Disturbance Observer. , 2021, , .		0
51	Relative Degrees and Implicit Function-Based Control of Discrete-Time Noncanonical Form Neural Network Systems. IEEE Transactions on Cybernetics, 2020, 50, 514-524.	6.2	1
52	Anti-Disturbance Control for Nonlinear Systems Based on Interval Observer. IEEE Transactions on Industrial Electronics, 2020, 67, 1261-1269.	5.2	37
53	â„“â^ž-induced output-feedback controller synthesis for positive nonlinear systems via Tâ€“S fuzzy model approach. Fuzzy Sets and Systems, 2020, 385, 98-110.	1.6	12
54	Adaptive Fault-Tolerant Sliding-Mode Control for High-Speed Trains With Actuator Faults and Uncertainties. IEEE Transactions on Intelligent Transportation Systems, 2020, 21, 2449-2460.	4.7	77

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55	Sliding-mode-disturbance-observer-based adaptive neural control of uncertain discrete-time systems. Science China Information Sciences, 2020, 63, 1.	2.7	16
56	Bilateral coordinate boundary adaptive control for a helicopter lifting system with backlash-like hysteresis. Science China Information Sciences, 2020, 63, 1.	2.7	50
57	Neural network based integral sliding mode optimal flight control of near space hypersonic vehicle. Neurocomputing, 2020, 379, 41-52.	3.5	42
58	Prescribed performance fault tolerant control for uncertain nonlinear systems with input saturation. International Journal of Systems Science, 2020, 51, 258-274.	3.7	13
59	Tracking control for the helicopter with time-varying disturbance and input stochastic perturbation. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2020, 234, 961-976.	0.7	4
60	Anti-disturbance control for attitude and altitude systems of the helicopter under random disturbances. Aerospace Science and Technology, 2020, 96, 105561.	2.5	13
61	Backstepping-based Adaptive Fault-Tolerant Control Design for Satellite Attitude System. , 2020, , .		0
62	Reinforcement Learning Based Dynamic Inverse Attitude Control of Near-space Vehicle. , 2020, , .		1
63	Flexible performance-based robust control for a class of nonlinear systems with input saturation. Automatica, 2020, 122, 109268.	3.0	63
64	Robust Adaptive Fault-Tolerant Control for the Turbofan Aero-Engine System. , 2020, , .		3
65	Sliding Mode Control of Uncertain Discrete-Time Nonlinear Systems Based on Disturbance Observer. , 2020, , .		0
66	Data fusion using Bayesian theory and reinforcement learning method. Science China Information Sciences, 2020, 63, 1.	2.7	25
67	Adaptive Event-triggered Control for Discrete-time Networked Control Systems with Actuator Faults and Nonlinearity. International Journal of Control, Automation and Systems, 2020, 18, 2842-2856.	1.6	8
68	High angle of attack flight control based on switched prescribed performance. International Journal of Adaptive Control and Signal Processing, 2020, 34, 1059-1079.	2.3	3
69	Information Entropy-Based Intention Prediction of Aerial Targets under Uncertain and Incomplete Information. Entropy, 2020, 22, 279.	1.1	28
70	Resilient anti-disturbance H_{â^ž} control for turbofan systems. Transactions of the Institute of Measurement and Control, 2020, 42, 2686-2697.	1.1	6
71	Analysis and Recovery of Aircraft Deep-Stall Phenomena Using Bifurcation Analysis. IEEE Access, 2020, 8, 29319-29333.	2.6	9
72	Disturbance Observer Based Tracking Control of Quadrotor With High-Order Disturbances. IEEE Access, 2020, 8, 8300-8313.	2.6	31

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73	Anti-disturbance reference mode resilient dynamic output feedback control for turbofan systems. Applied Mathematics and Computation, 2020, 378, 125183.	1.4	6
74	Dynamic eventâ€triggered cooperative formation control for UAVs subject to timeâ€varying disturbances. IET Control Theory and Applications, 2020, 14, 2514-2525.	1.2	25
75	Robust Constrained Trajectory Tracking Control for Quadrotor Unmanned Aerial Vehicle Based on Disturbance Observers. Journal of Dynamic Systems, Measurement and Control, Transactions of the ASME, 2020, 142, .	0.9	9
76	Prediction of unmanned aerial vehicle target intention under incomplete information. Scientia Sinica Informationis, 2020, 50, 704-717.	0.2	17
77	Adaptive NN Control of Discrete-Time Nonlinear Strict-Feedback System Using Disturbance Observer. Lecture Notes in Electrical Engineering, 2020, , 64-72.	0.3	0
78	Attitude-Constrained Flight Control for Unmanned Aerial Vehicles with Thrust-Vectoring Maneuverability Enhancement. , 2020, , .		0
79	Robust attitude fault-tolerant control for unmanned autonomous helicopter with flapping dynamics and actuator faults. Transactions of the Institute of Measurement and Control, 2019, 41, 1266-1277.	1.1	26
80	Extended state observerâ€based sliding mode faultâ€tolerant control for unmanned autonomous helicopter with wind gusts. IET Control Theory and Applications, 2019, 13, 1500-1513.	1.2	39
81	Model reference resilient control for the helicopter with timeâ€varying disturbance. International Journal of Robust and Nonlinear Control, 2019, 29, 5095-5117.	2.1	13
82	Wind Estimation-based Robust Flight Control for UAV with Active Maneuverability Limit. , 2019, , .		3
83	Robust adaptive compensation control for unmanned autonomous helicopter with input saturation and actuator faults. Chinese Journal of Aeronautics, 2019, 32, 2299-2310.	2.8	28
84	Tracking Control of Two DOF Manipulator Based on LADRC. , 2019, , .		3
85	Static Output-feedback Controller Synthesis for Positive Systems under â„“âˆž Performance. International Journal of Control, Automation and Systems, 2019, 17, 2871-2880.	1.6	15
86	Neural network-based adaptive fault tolerant tracking control for unmanned autonomous helicopters with prescribed performance. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2019, 233, 4350-4362.	0.7	14
87	Anti-swing control for a suspension cable system of a helicopter with cable swing constraint and unknown dead-zone. Neurocomputing, 2019, 356, 257-267.	3.5	13
88	Immersion and invariance-based integrated guidance and control for unmanned aerial vehicle path following. International Journal of Systems Science, 2019, 50, 1052-1068.	3.7	8
89	A matrix decomposition based adaptive control scheme for a class of MIMO non-canonical approximation systems. Automatica, 2019, 103, 490-502.	3.0	16
90	Unilateral boundary control for a suspension cable system of a helicopter with horizontal motion. IET Control Theory and Applications, 2019, 13, 467-476.	1.2	10

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91	Disturbance observer-based optimal longitudinal trajectory control of near space vehicle. Science China Information Sciences, 2019, 62, 1.	2.7	18
92	Predictive control for networked switch flight system with packet dropout. Applied Mathematics and Computation, 2019, 354, 444-459.	1.4	15
93	Adaptive Discrete-Time Flight Control Using Disturbance Observer and Neural Networks. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 3708-3721.	7.2	60
94	Robust adaptive active faultâ€tolerant control of UAH with unknown disturbances and actuator faults. International Journal of Adaptive Control and Signal Processing, 2019, 33, 684-711.	2.3	10
95	Data Fusion of Air Combat Based on Reinforcement Learning. , 2019, , .		3
96	Adaptive flight control for unmanned autonomous helicopter with external disturbance and actuator fault. Journal of Engineering, 2019, 2019, 8359-8364.	0.6	5
97	Event-triggered control strategy for distributed UAVs with time-delay and disturbances. , 2019, , .		0
98	Flight Envelope Predicting Algorithm for UAV Based on UKF. , 2019, , .		2
99	Disturbance Observer-Based Inverse Optimal Tracking Control of the Unmanned Aerial Helicopter. , 2019, , .		6
100	Corrections to â€œExtended State Observer-Based Integral Sliding Mode Control for an Underwater Robot With Unknown Disturbances and Uncertain Nonlinearitiesâ€• IEEE Transactions on Industrial Electronics, 2019, 66, 8279-8280.	5.2	34
101	Disturbance-observer-based sliding mode control for Tâ€“S fuzzy discrete-time systems with application to circuit system. Fuzzy Sets and Systems, 2019, 374, 138-151.	1.6	17
102	Inverse optimal control for unmanned aerial helicopters with disturbances. Optimal Control Applications and Methods, 2019, 40, 152-171.	1.3	15
103	Neural network based optimal adaptive attitude control of near-space vehicle with system uncertainties and disturbances. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2019, 233, 641-656.	0.7	8
104	Disturbance observer-based boundary control for a suspension cable system moving in the horizontal plane. Transactions of the Institute of Measurement and Control, 2019, 41, 340-349.	1.1	14
105	Fractional-order control for a novel chaotic system without equilibrium. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 1000-1009.	8.5	7
106	Resilient control based on disturbance observer for nonlinear singular stochastic hybrid system with partly unknown Markovian jump parameters. Journal of the Franklin Institute, 2018, 355, 2243-2265.	1.9	24
107	Prescribed performance synchronization for uncertain chaotic systems with input saturation based on neural networks. Neural Computing and Applications, 2018, 29, 1349-1361.	3.2	20
108	Fixed-Time Disturbance Observer Design for Brunovsky Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2018, 65, 341-345.	2.2	53

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109	Antidisturbance Control for a Suspension Cable System of Helicopter Subject to Input Nonlinearities. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 2292-2304.	5.9	65
110	Constrained adaptive neural control for a class of nonstrict-feedback nonlinear systems with disturbances. Neurocomputing, 2018, 272, 405-415.	3.5	17
111	Robust adaptive constrained boundary control for a suspension cable system of a helicopter. International Journal of Adaptive Control and Signal Processing, 2018, 32, 50-68.	2.3	19
112	Stateâ€bounding observer design for uncertain positive systems under â„“₁ performance. Optimal Control Applications and Methods, 2018, 39, 589-600.	1.3	5
113	Robust Stochastic Longitudinal Control for Near Space Vehicles via Polynomial Approximation. , 2018, , .		1
114	LQR-Based Optimal Tracking Fault Tolerant Control for a Helicopter with Actuator Faults. , 2018, , .		3
115	Adaptive Sliding Mode Tracking Control for Unmanned Autonomous Helicopters Based on Neural Networks. Complexity, 2018, 2018, 1-11.	0.9	8
116	Robust control for an unmanned helicopter with constrained flapping dynamics. Chinese Journal of Aeronautics, 2018, 31, 2136-2148.	2.8	10
117	Robust Fault Tolerant Tracking Control for Unmanned Autonomous Helicopter with Disturbance. , 2018, , .		1
118	A Composite Unknown Input Observer and Hâˆž Control Strategy for Flexible Spacecraft with Time Delay. , 2018, , .		0
119	Fuzzy adaptive non-affine attitude tracking control for a generic hypersonic flight vehicle. Aerospace Science and Technology, 2018, 80, 56-66.	2.5	21
120	Adaptive neural flight control for an aircraft with time-varying distributed delays. Neurocomputing, 2018, 307, 130-145.	3.5	18
121	Sliding mode control for quadrotor with disturbance observer. Advances in Mechanical Engineering, 2018, 10, 168781401878233.	0.8	49
122	Parameterization and Adaptive Control of Multivariable Noncanonical T--S Fuzzy Systems. IEEE Transactions on Fuzzy Systems, 2017, 25, 156-171.	6.5	14
123	Disturbance-Observer-Based Robust Synchronization Control for a Class of Fractional-Order Chaotic Systems. IEEE Transactions on Circuits and Systems II: Express Briefs, 2017, 64, 417-421.	2.2	88
124	Adaptive Neural Control of Uncertain Nonlinear Systems Using Disturbance Observer. IEEE Transactions on Cybernetics, 2017, 47, 3110-3123.	6.2	212
125	Extended State Observer-Based Integral Sliding Mode Control for an Underwater Robot With Unknown Disturbances and Uncertain Nonlinearities. IEEE Transactions on Industrial Electronics, 2017, 64, 6785-6795.	5.2	427
126	Sliding mode control design of a ship steering autopilot with input saturation. International Journal of Advanced Robotic Systems, 2017, 14, 172988141770356.	1.3	25

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127	â„“1-induced state-bounding observer design for positive Takagiâ€“Sugeno fuzzy systems. Neurocomputing, 2017, 260, 490-496.	3.5	12
128	Adaptive neural tracking control for near-space vehicles with stochastic disturbances. International Journal of Advanced Robotic Systems, 2017, 14, 172988141770377.	1.3	6
129	Robust adaptive tracking control for unmanned helicopter with constraints. International Journal of Advanced Robotic Systems, 2017, 14, 172988141771262.	1.3	10
130	A novel approach to L 1 -induced controller synthesis for positive systems with interval uncertainties. Journal of the Franklin Institute, 2017, 354, 3364-3377.	1.9	26
131	Adaptive neural tracking control for uncertain nonlinear systems with input and output constraints using disturbance observer. Neurocomputing, 2017, 235, 27-37.	3.5	60
132	Horizontal motion tracking control for an underwater vehicle with environmental disturbances. , 2017, , .		2
133	Adaptive impedance control of robot manipulators based on Q-learning and disturbance observer. Systems Science and Control Engineering, 2017, 5, 287-300.	1.8	15
134	Path planning of UAV based on hierarchical genetic algorithm with optimized search region. , 2017, , .		13
135	Robust adaptive backstepping control for unmanned autonomous helicopter with flapping dynamics. , 2017, , .		10
136	Robust control of post-stall pitching maneuver based on finite-time observer. ISA Transactions, 2017, 70, 53-63.	3.1	20
137	Sliding mode disturbance observerâ€based adaptive control for uncertain MIMO nonlinear systems with deadâ€zone. International Journal of Adaptive Control and Signal Processing, 2017, 31, 1003-1018.	2.3	35
138	Disturbance Attenuation Tracking Control for Wheeled Mobile Robots With Skidding and Slipping. IEEE Transactions on Industrial Electronics, 2017, 64, 3359-3368.	5.2	154
139	Disturbance observer-based discrete-time neural control for unmanned aerial vehicles with uncertainties and disturbances * *This work is supported by National Natural Science Foundation of China (No. 61573184), 333 Talents Project in Jiangsu Province (No. BRA2015359) and Jiangsu Innovation Program for Graduate Education (No. KYLX16 0375).. IFAC-PapersOnLine, 2017, 50, 15289-15294.	0.5	2
140	Disturbance observer based target tracking control for unmanned aerial vehicles. , 2017, , .		1
141	Reference mode control for a helicopter with time-varying disturbance. , 2017, , .		0
142	â„“<inf>1</inf>-induced output-feedback control for uncertain discrete-time positive systems. , 2017, , .		0
143	Robust Backstepping Control of Wing Rock Using Disturbance Observer. Applied Sciences (Switzerland), 2017, 7, 219.	1.3	9
144	â„“<inf>1</inf>-Induced filtering for discrete-time positive systems with interval uncertainties. , 2017, , .		0

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145	Sliding mode tracking control of a two-link robotic manipulator using nonlinear disturbance observer. , 2017, , .		7
146	An implicit function based control scheme for discrete-time non-canonical form neural network systems. , 2017, , .		2
147	Stabilization of Networked Control Systems with Induced Delays and Actuator Saturation. Mathematical Problems in Engineering, 2016, 2016, 1-13.	0.6	0
148	Stabilization Control of Continuous-Time Fractional Positive Systems Based on Disturbance Observer. IEEE Access, 2016, 4, 3054-3064.	2.6	21
149	Actuator faultâ€tolerant control of ocean surface vessels with input saturation. International Journal of Robust and Nonlinear Control, 2016, 26, 542-564.	2.1	95
150	Observer based backstepping control for a three degree of freedom model helicopter. , 2016, , .		1
151	Sliding mode tracking control of a 2DOFSFL robot using nonlinear disturbance observer. , 2016, , .		0
152	Adaptive control of uncertain nonlinear aircraft systems using combined linearized models. , 2016, , .		2
153	Invariant set based sliding mode control for near-space vehicles with attitude constraints. Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering, 2016, 230, 793-804.	0.7	9
154	Sliding mode control for a class of fractional-order nonlinear systems based on disturbance observer. , 2016, , .		5
155	Fault Tolerant Control for Uncertain Networked Control Systems With Induced Delays and Actuator Saturation. IEEE Access, 2016, 4, 6574-6584.	2.6	23
156	Adaptive neural control for an uncertain fractionalâ€order rotational mechanical system using disturbance observer. IET Control Theory and Applications, 2016, 10, 1972-1980.	1.2	40
157	Adaptive neural tracking control with prescribed performance for strict-feedback stochastic nonlinear systems. , 2016, , .		0
158	Sliding mode control using disturbance observer for a flexible link robot. , 2016, , .		1
159	Normal form and adaptive control of mimo non-canonical neural network systems. , 2016, , .		0
160	RBFNN based adaptive control of uncertain robot manipulators in discrete time. , 2016, , .		3
161	Robust control for robot manipulators with time-varying uncertainty based on bounded observer in discrete time. , 2016, , .		0
162	Quaternion-based robust extended Kalman filter for attitude estimation of micro quadrotors using low-cost MEMS. , 2016, , .		5

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163	Attitude tracking control of aircraft subjected to unsteady aerodynamic disturbance. , 2016, , .		2
164	Multi-robot formation control with saturation constraints. , 2016, , .		1
165	Adaptive Neural Fault-Tolerant Control of a 3-DOF Model Helicopter System. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 260-270.	5.9	324
166	Dynamic surface control for a class of stochastic nonâ€linear systems with input saturation. IET Control Theory and Applications, 2016, 10, 35-43.	1.2	26
167	Constrained Control Allocation for Overactuated Aircraft Using a Neurodynamic Model. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 1630-1641.	5.9	54
168	Adaptive Neural Network Based Control of Noncanonical Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1864-1877.	7.2	37
169	Adaptive Fault-Tolerant Control of Uncertain Nonlinear Large-Scale Systems With Unknown Dead Zone. IEEE Transactions on Cybernetics, 2016, 46, 1851-1862.	6.2	292
170	Adaptive sliding mode synchronization for a class of fractional-order chaotic systems with disturbance. Nonlinear Dynamics, 2016, 83, 1855-1866.	2.7	88
171	Adaptive neural prescribed performance tracking control for near space vehicles with input nonlinearity. Neurocomputing, 2016, 174, 780-789.	3.5	82
172	Trajectory tracking control for an indoor quadrotor UAV based on the disturbance observer. Transactions of the Institute of Measurement and Control, 2016, 38, 675-692.	1.1	42
173	Adaptive neural network control of uncertain MIMO nonlinear systems with input saturation. Neural Computing and Applications, 2016, 27, 1317-1325.	3.2	22
174	Fault-tolerant control for a class of non-linear systems with dead-zone. International Journal of Systems Science, 2016, 47, 1689-1699.	3.7	27
175	Observer-Based Bounded Control for Discrete Time-Delay Uncertain Nonlinear Systems. Discrete Dynamics in Nature and Society, 2015, 2015, 1-16.	0.5	1
176	Flight Envelope Protection Control Based on Reference Governor Method in High Angle of Attack Maneuver. Mathematical Problems in Engineering, 2015, 2015, 1-15.	0.6	7
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