

Mou Chen

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/1033266/publications.pdf>

Version: 2024-02-01

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 tracking control of uncertain MIMO nonlinear systems with input constraints. <i>Automatica</i> , 2011, 47, 452-465.	3.0	901
2	Adaptive fuzzy tracking control for a class of uncertain MIMO nonlinear systems using disturbance observer. <i>Science China Information Sciences</i> , 2014, 57, 1-13.	2.7	785
3	Robust Adaptive Neural Network Control for a Class of Uncertain MIMO Nonlinear Systems With Input Nonlinearities. <i>IEEE Transactions on Neural Networks</i> , 2010, 21, 796-812.	4.8	711
4	Extended State Observer-Based Integral Sliding Mode Control for an Underwater Robot With Unknown Disturbances and Uncertain Nonlinearities. <i>IEEE Transactions on Industrial Electronics</i> , 2017, 64, 6785-6795.	5.2	427
5	Dynamic Surface Control Using Neural Networks for a Class of Uncertain Nonlinear Systems With Input Saturation. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2015, 26, 2086-2097.	7.2	379
6	Adaptive Neural Output Feedback Control of Uncertain Nonlinear Systems With Unknown Hysteresis Using Disturbance Observer. <i>IEEE Transactions on Industrial Electronics</i> , 2015, 62, 7706-7716.	5.2	369
7	Direct Adaptive Neural Control for a Class of Uncertain Nonaffine Nonlinear Systems Based on Disturbance Observer. <i>IEEE Transactions on Cybernetics</i> , 2013, 43, 1213-1225.	6.2	363
8	Adaptive Neural Fault-Tolerant Control of a 3-DOF Model Helicopter System. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016, 46, 260-270.	5.9	324
9	Adaptive Fault-Tolerant Control of Uncertain Nonlinear Large-Scale Systems With Unknown Dead Zone. <i>IEEE Transactions on Cybernetics</i> , 2016, 46, 1851-1862.	6.2	292
10	Adaptive Fault-Tolerant Tracking Control for Discrete-Time Multiagent Systems via Reinforcement Learning Algorithm. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 1163-1174.	6.2	280
11	Terminal sliding mode tracking control for a class of SISO uncertain nonlinear systems. <i>ISA Transactions</i> , 2013, 52, 198-206.	3.1	241
12	Robust Adaptive Position Mooring Control for Marine Vessels. <i>IEEE Transactions on Control Systems Technology</i> , 2013, 21, 395-409.	3.2	225
13	Robust Constrained Control for MIMO Nonlinear Systems Based on Disturbance Observer. <i>IEEE Transactions on Automatic Control</i> , 2015, 60, 3281-3286.	3.6	218
14	Adaptive Neural Control of Uncertain Nonlinear Systems Using Disturbance Observer. <i>IEEE Transactions on Cybernetics</i> , 2017, 47, 3110-3123.	6.2	212
15	Disturbance Attenuation Tracking Control for Wheeled Mobile Robots With Skidding and Slipping. <i>IEEE Transactions on Industrial Electronics</i> , 2017, 64, 3359-3368.	5.2	154
16	Sliding mode control for a class of uncertain nonlinear system based on disturbance observer. <i>International Journal of Adaptive Control and Signal Processing</i> , 2010, 24, 51-64.	2.3	115
17	Disturbance observer-based adaptive sliding mode control for near-space vehicles. <i>Nonlinear Dynamics</i> , 2015, 82, 1671-1682.	2.7	108
18	Disturbance-observer-based robust control for time delay uncertain systems. <i>International Journal of Control, Automation and Systems</i> , 2010, 8, 445-453.	1.6	101

#	ARTICLE	IF	CITATIONS
19	Tracking Flight Control of Quadrotor Based on Disturbance Observer. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1414-1423.	5.9	100
20	Actuator fault-tolerant control of ocean surface vessels with input saturation. International Journal of Robust and Nonlinear Control, 2016, 26, 542-564.	2.1	95
21	Robust attitude control of near space vehicles with time-varying disturbances. International Journal of Control, Automation and Systems, 2013, 11, 182-187.	1.6	90
22	Adaptive sliding mode synchronization for a class of fractional-order chaotic systems with disturbance. Nonlinear Dynamics, 2016, 83, 1855-1866.	2.7	88
23	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
24	Quantized Adaptive Finite-Time Bipartite NN Tracking Control for Stochastic Multiagent Systems. IEEE Transactions on Cybernetics, 2021, 51, 2870-2881.	6.2	83
25	Adaptive neural prescribed performance tracking control for near space vehicles with input nonlinearity. Neurocomputing, 2016, 174, 780-789.	3.5	82
26	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
27	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
28	Adaptive dynamic surface control of NSVs with input saturation using a disturbance observer. Chinese Journal of Aeronautics, 2015, 28, 853-864.	2.8	74
29	Guaranteed transient performance based control with input saturation for near space vehicles. Science China Information Sciences, 2014, 57, 1-12.	2.7	72
30	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
31	Fault Tolerant Control for Near Space Vehicles with Input Saturation Using Disturbance Observer and Neural Networks. Circuits, Systems, and Signal Processing, 2015, 34, 2091-2107.	1.2	64
32	Flexible performance-based robust control for a class of nonlinear systems with input saturation. Automatica, 2020, 122, 109268.	3.0	63
33	Robust adaptive neural network synchronization controller design for a class of time delay uncertain chaotic systems. Chaos, Solitons and Fractals, 2009, 41, 2716-2724.	2.5	62
34	Adaptive neural tracking control for uncertain nonlinear systems with input and output constraints using disturbance observer. Neurocomputing, 2017, 235, 27-37.	3.5	60
35	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
36	Neural network tracking control of ocean surface vessels with input saturation. , 2009, , .		58

#	ARTICLE	IF	CITATIONS
37	Disturbance-observer-based robust synchronization control of uncertain chaotic systems. <i>Nonlinear Dynamics</i> , 2012, 70, 2421-2432.	2.7	54
38	Constrained Control Allocation for Overactuated Aircraft Using a Neurodynamic Model. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2016, 46, 1630-1641.	5.9	54
39	Fixed-Time Disturbance Observer Design for Brunovsky Systems. <i>IEEE Transactions on Circuits and Systems II: Express Briefs</i> , 2018, 65, 341-345.	2.2	53
40	Robust tracking control for uncertain MIMO nonlinear systems with input saturation using RWNDO. <i>Neurocomputing</i> , 2014, 144, 436-447.	3.5	52
41	Event-Triggered-Based Discrete-Time Neural Control for a Quadrotor UAV Using Disturbance Observer. <i>IEEE/ASME Transactions on Mechatronics</i> , 2021, 26, 689-699.	3.7	52
42	Spacecraft formation stabilization and fault tolerance: A state-varying switched system approach. <i>Systems and Control Letters</i> , 2013, 62, 715-722.	1.3	50
43	Bilateral coordinate boundary adaptive control for a helicopter lifting system with backlash-like hysteresis. <i>Science China Information Sciences</i> , 2020, 63, 1.	2.7	50
44	Sliding mode control for quadrotor with disturbance observer. <i>Advances in Mechanical Engineering</i> , 2018, 10, 168781401878233.	0.8	49
45	Anti-disturbance control of hypersonic flight vehicles with input saturation using disturbance observer. <i>Science China Information Sciences</i> , 2015, 58, 1-12.	2.7	48
46	Adaptive Neural Discrete-Time Fractional-Order Control for a UAV System With Prescribed Performance Using Disturbance Observer. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 742-754.	5.9	48
47	Distributed Fault Estimation and Fault-Tolerant Control of Interconnected Systems. <i>IEEE Transactions on Cybernetics</i> , 2021, 51, 1230-1240.	6.2	47
48	Fuzzy Robust Constrained Control for Nonlinear Systems With Input Saturation and External Disturbances. <i>IEEE Transactions on Fuzzy Systems</i> , 2021, 29, 345-356.	6.5	46
49	Observer-Based Fixed-Time Adaptive Fuzzy Bipartite Containment Control for Multiagent Systems With Unknown Hysteresis. <i>IEEE Transactions on Fuzzy Systems</i> , 2022, 30, 1302-1312.	6.5	45
50	Relative Degrees and Adaptive Feedback Linearization Control of T ∞ S Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2015, 23, 2215-2230.	6.5	42
51	Trajectory tracking control for an indoor quadrotor UAV based on the disturbance observer. <i>Transactions of the Institute of Measurement and Control</i> , 2016, 38, 675-692.	1.1	42
52	Neural network based integral sliding mode optimal flight control of near space hypersonic vehicle. <i>Neurocomputing</i> , 2020, 379, 41-52.	3.5	42
53	Adaptive control and constrained control allocation for overactuated ocean surface vessels. <i>International Journal of Systems Science</i> , 2013, 44, 2295-2309.	3.7	41
54	Adaptive neural control for an uncertain fractional-order rotational mechanical system using disturbance observer. <i>IET Control Theory and Applications</i> , 2016, 10, 1972-1980.	1.2	40

#	ARTICLE	IF	CITATIONS
55	Extended state observer-based sliding mode fault-tolerant control for unmanned autonomous helicopter with wind gusts. IET Control Theory and Applications, 2019, 13, 1500-1513.	1.2	39
56	Adaptive Neural Network Based Control of Noncanonical Nonlinear Systems. IEEE Transactions on Neural Networks and Learning Systems, 2016, 27, 1864-1877.	7.2	37
57	Anti-Disturbance Control for Nonlinear Systems Based on Interval Observer. IEEE Transactions on Industrial Electronics, 2020, 67, 1261-1269.	5.2	37
58	Sliding mode disturbance observer-based adaptive control for uncertain MIMO nonlinear systems with dead-zone. International Journal of Adaptive Control and Signal Processing, 2017, 31, 1003-1018.	2.3	35
59	Corrections to "Extended State Observer-Based Integral Sliding Mode Control for an Underwater Robot With Unknown Disturbances and Uncertain Nonlinearities". IEEE Transactions on Industrial Electronics, 2019, 66, 8279-8280.	5.2	34
60	Robust tracking control of uncertain MIMO nonlinear systems with application to UAVs. IEEE/CAA Journal of Automatica Sinica, 2015, 2, 25-32.	8.5	32
61	Disturbance Observer Based Tracking Control of Quadrotor With High-Order Disturbances. IEEE Access, 2020, 8, 8300-8313.	2.6	31
62	Robust Adaptive Tracking Control of the Underwater Robot with Input Nonlinearity Using Neural Networks. International Journal of Computational Intelligence Systems, 2010, 3, 646-655.	1.6	30
63	Sensor fault diagnosis for a class of time delay uncertain nonlinear systems using neural network. International Journal of Automation and Computing, 2008, 5, 401-405.	4.5	29
64	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
65	Information Entropy-Based Intention Prediction of Aerial Targets under Uncertain and Incomplete Information. Entropy, 2020, 22, 279.	1.1	28
66	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
67	Dynamic surface control for a class of stochastic nonlinear systems with input saturation. IET Control Theory and Applications, 2016, 10, 35-43.	1.2	26
68	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
69	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
70	Sliding mode control design of a ship steering autopilot with input saturation. International Journal of Advanced Robotic Systems, 2017, 14, 172988141770356.	1.3	25
71	Data fusion using Bayesian theory and reinforcement learning method. Science China Information Sciences, 2020, 63, 1.	2.7	25
72	Dynamic event-triggered cooperative formation control for UAVs subject to time-varying disturbances. IET Control Theory and Applications, 2020, 14, 2514-2525.	1.2	25

#	ARTICLE	IF	CITATIONS
73	Resilient control based on disturbance observer for nonlinear singular stochastic hybrid system with partly unknown Markovian jump parameters. <i>Journal of the Franklin Institute</i> , 2018, 355, 2243-2265.	1.9	24
74	Disturbance-observer-based formation-containment control for UAVs via distributed adaptive event-triggered mechanisms. <i>Journal of the Franklin Institute</i> , 2021, 358, 5305-5333.	1.9	24
75	Robust bounded control for uncertain flight dynamics using disturbance observer. <i>Journal of Systems Engineering and Electronics</i> , 2014, 25, 640-647.	1.1	23
76	Fault Tolerant Control for Uncertain Networked Control Systems With Induced Delays and Actuator Saturation. <i>IEEE Access</i> , 2016, 4, 6574-6584.	2.6	23
77	Adaptive neural network control of uncertain MIMO nonlinear systems with input saturation. <i>Neural Computing and Applications</i> , 2016, 27, 1317-1325.	3.2	22
78	Multiapproximator-Based Fault-Tolerant Tracking Control for Unmanned Autonomous Helicopter With Input Saturation. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2022, 52, 5710-5722.	5.9	22
79	Stabilization Control of Continuous-Time Fractional Positive Systems Based on Disturbance Observer. <i>IEEE Access</i> , 2016, 4, 3054-3064.	2.6	21
80	Fuzzy adaptive non-affine attitude tracking control for a generic hypersonic flight vehicle. <i>Aerospace Science and Technology</i> , 2018, 80, 56-66.	2.5	21
81	Robust control of post-stall pitching maneuver based on finite-time observer. <i>ISA Transactions</i> , 2017, 70, 53-63.	3.1	20
82	Prescribed performance synchronization for uncertain chaotic systems with input saturation based on neural networks. <i>Neural Computing and Applications</i> , 2018, 29, 1349-1361.	3.2	20
83	MAINTAINING SYNCHRONIZATION BY DECENTRALIZED FEEDBACK CONTROL IN TIME DELAY NEURAL NETWORKS WITH PARAMETER UNCERTAINTIES. <i>International Journal of Neural Systems</i> , 2007, 17, 115-122.	3.2	19
84	Robust adaptive constrained boundary control for a suspension cable system of a helicopter. <i>International Journal of Adaptive Control and Signal Processing</i> , 2018, 32, 50-68.	2.3	19
85	Adaptive neural flight control for an aircraft with time-varying distributed delays. <i>Neurocomputing</i> , 2018, 307, 130-145.	3.5	18
86	Disturbance observer-based optimal longitudinal trajectory control of near space vehicle. <i>Science China Information Sciences</i> , 2019, 62, 1.	2.7	18
87	Switched safe tracking control design for unmanned autonomous helicopter with disturbances. <i>Nonlinear Analysis: Hybrid Systems</i> , 2021, 39, 100979.	2.1	18
88	Adaptive Neural Safe Tracking Control Design for a Class of Uncertain Nonlinear Systems With Output Constraints and Disturbances. <i>IEEE Transactions on Cybernetics</i> , 2022, 52, 12571-12582.	6.2	18
89	Hybrid Estimation Strategy-Based Anti-disturbance Control for Nonlinear Systems. <i>IEEE Transactions on Automatic Control</i> , 2021, 66, 4910-4917.	3.6	18
90	Sliding Mode Control for a Class of Uncertain MIMO Nonlinear Systems with Application to Near-Space Vehicles. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-9.	0.6	17

#	ARTICLE	IF	CITATIONS
91	Constrained adaptive neural control for a class of nonstrict-feedback nonlinear systems with disturbances. <i>Neurocomputing</i> , 2018, 272, 405-415.	3.5	17
92	Disturbance-observer-based sliding mode control for T&S fuzzy discrete-time systems with application to circuit system. <i>Fuzzy Sets and Systems</i> , 2019, 374, 138-151.	1.6	17
93	Prediction of unmanned aerial vehicle target intention under incomplete information. <i>Scientia Sinica Informationis</i> , 2020, 50, 704-717.	0.2	17
94	A matrix decomposition based adaptive control scheme for a class of MIMO non-canonical approximation systems. <i>Automatica</i> , 2019, 103, 490-502.	3.0	16
95	Sliding-mode-disturbance-observer-based adaptive neural control of uncertain discrete-time systems. <i>Science China Information Sciences</i> , 2020, 63, 1.	2.7	16
96	Adaptive impedance control of robot manipulators based on Q-learning and disturbance observer. <i>Systems Science and Control Engineering</i> , 2017, 5, 287-300.	1.8	15
97	Static Output-feedback Controller Synthesis for Positive Systems under $\hat{\rho}$, $\hat{\rho}$ Performance. <i>International Journal of Control, Automation and Systems</i> , 2019, 17, 2871-2880.	1.6	15
98	Predictive control for networked switch flight system with packet dropout. <i>Applied Mathematics and Computation</i> , 2019, 354, 444-459.	1.4	15
99	Inverse optimal control for unmanned aerial helicopters with disturbances. <i>Optimal Control Applications and Methods</i> , 2019, 40, 152-171.	1.3	15
100	Parameterization and Adaptive Control of Multivariable Noncanonical T-S Fuzzy Systems. <i>IEEE Transactions on Fuzzy Systems</i> , 2017, 25, 156-171.	6.5	14
101	Neural network-based adaptive fault tolerant tracking control for unmanned autonomous helicopters with prescribed performance. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2019, 233, 4350-4362.	0.7	14
102	Disturbance observer-based boundary control for a suspension cable system moving in the horizontal plane. <i>Transactions of the Institute of Measurement and Control</i> , 2019, 41, 340-349.	1.1	14
103	Path planning of UAV based on hierarchical genetic algorithm with optimized search region. , 2017, , .		13
104	Model reference resilient control for the helicopter with time-varying disturbance. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 5095-5117.	2.1	13
105	Anti-swing control for a suspension cable system of a helicopter with cable swing constraint and unknown dead-zone. <i>Neurocomputing</i> , 2019, 356, 257-267.	3.5	13
106	Prescribed performance fault tolerant control for uncertain nonlinear systems with input saturation. <i>International Journal of Systems Science</i> , 2020, 51, 258-274.	3.7	13
107	Anti-disturbance control for attitude and altitude systems of the helicopter under random disturbances. <i>Aerospace Science and Technology</i> , 2020, 96, 105561.	2.5	13
108	Disturbance-Observer-Based Adaptive Fuzzy Tracking Control for Unmanned Autonomous Helicopter With Flight Boundary Constraints. <i>IEEE Transactions on Fuzzy Systems</i> , 2023, 31, 184-198.	6.5	13

#	ARTICLE	IF	CITATIONS
109	Robust control for a class of time-delay uncertain nonlinear systems based on sliding mode observer. <i>Neural Computing and Applications</i> , 2010, 19, 945-951.	3.2	12
110	α_1 -induced state-bounding observer design for positive Takagi-Sugeno fuzzy systems. <i>Neurocomputing</i> , 2017, 260, 490-496.	3.5	12
111	α_1 -induced output-feedback controller synthesis for positive nonlinear systems via T-S fuzzy model approach. <i>Fuzzy Sets and Systems</i> , 2020, 385, 98-110.	1.6	12
112	Robust Resilient Control Based on Multi-Approximator for the Uncertain Turbofan System With Unmeasured States and Disturbances. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2021, 51, 6040-6049.	5.9	12
113	Prescribed performance-based tracking control for quadrotor UAV under input delays and input saturations. <i>Transactions of the Institute of Measurement and Control</i> , 2022, 44, 2049-2062.	1.1	12
114	Sliding Mode Control for NSVs with Input Constraint Using Neural Network and Disturbance Observer. <i>Mathematical Problems in Engineering</i> , 2013, 2013, 1-12.	0.6	11
115	Robust control of near-space vehicles with input backlash-like hysteresis. <i>Proceedings of the Institution of Mechanical Engineers Part I: Journal of Systems and Control Engineering</i> , 2013, 227, 635-644.	0.7	11
116	Sliding mode attitude control for a quadrotor micro unmanned aircraft vehicle using disturbance observer. , 2014, , .		11
117	Disturbance-observer-based adaptive NN control for a class of MIMO discrete-time nonlinear strict-feedback systems with dead zone. <i>Neurocomputing</i> , 2021, 446, 23-31.	3.5	11
118	Adaptive NN Tracking Control for Uncertain MIMO Nonlinear System With Time-Varying State Constraints and Disturbances. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2023, 34, 7309-7323.	7.2	11
119	Robust adaptive tracking control for unmanned helicopter with constraints. <i>International Journal of Advanced Robotic Systems</i> , 2017, 14, 172988141771262.	1.3	10
120	Robust adaptive backstepping control for unmanned autonomous helicopter with flapping dynamics. , 2017, , .		10
121	Robust control for an unmanned helicopter with constrained flapping dynamics. <i>Chinese Journal of Aeronautics</i> , 2018, 31, 2136-2148.	2.8	10
122	Unilateral boundary control for a suspension cable system of a helicopter with horizontal motion. <i>IET Control Theory and Applications</i> , 2019, 13, 467-476.	1.2	10
123	Robust adaptive active fault-tolerant control of UAH with unknown disturbances and actuator faults. <i>International Journal of Adaptive Control and Signal Processing</i> , 2019, 33, 684-711.	2.3	10
124	Robust Control for Uncertain Linear System Subject to Input Saturation. <i>Journal of Applied Mathematics</i> , 2014, 2014, 1-12.	0.4	9
125	Invariant set based sliding mode control for near-space vehicles with attitude constraints. <i>Proceedings of the Institution of Mechanical Engineers, Part G: Journal of Aerospace Engineering</i> , 2016, 230, 793-804.	0.7	9
126	Robust Backstepping Control of Wing Rock Using Disturbance Observer. <i>Applied Sciences (Switzerland)</i> , 2017, 7, 219.	1.3	9

#	ARTICLE	IF	CITATIONS
127	Analysis and Recovery of Aircraft Deep-Stall Phenomena Using Bifurcation Analysis. IEEE Access, 2020, 8, 29319-29333.	2.6	9
128	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
129	Noncertainty-equivalent observer-based noncooperative target tracking control for unmanned aerial vehicles. Science China Information Sciences, 2022, 65, 1.	2.7	9
130	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
131	Adaptive NN tracking control of overactuated ocean surface vessels. , 2010, , .		8
132	Robust adaptive control scheme for optical tracking telescopes with unknown disturbances. Optik, 2015, 126, 1185-1190.	1.4	8
133	Adaptive Sliding Mode Tracking Control for Unmanned Autonomous Helicopters Based on Neural Networks. Complexity, 2018, 2018, 1-11.	0.9	8
134	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
135	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
136	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
137	Distributed DETMs-based internal collision avoidance control for UAV formation with lumped disturbances. Applied Mathematics and Computation, 2022, 433, 127362.	1.4	8
138	Modeling and control for near-space vehicles with oblique wing. , 2012, , .		7
139	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
140	Sliding mode tracking control of a two-link robotic manipulator using nonlinear disturbance observer. , 2017, , .		7
141	Fractional-order control for a novel chaotic system without equilibrium. IEEE/CAA Journal of Automatica Sinica, 2019, 6, 1000-1009.	8.5	7
142	Flight and Vibration Control of Flexible Air-Breathing Hypersonic Vehicles Under Actuator Faults. IEEE Transactions on Cybernetics, 2023, 53, 2741-2752.	6.2	7
143	Adaptive neural tracking control for near-space vehicles with stochastic disturbances. International Journal of Advanced Robotic Systems, 2017, 14, 172988141770377.	1.3	6
144	Disturbance Observer-Based Inverse Optimal Tracking Control of the Unmanned Aerial Helicopter. , 2019, , .		6

#	ARTICLE	IF	CITATIONS
145	Resilient anti-disturbance H^∞ control for turbofan systems. Transactions of the Institute of Measurement and Control, 2020, 42, 2686-2697.	1.1	6
146	Anti-disturbance reference mode resilient dynamic output feedback control for turbofan systems. Applied Mathematics and Computation, 2020, 378, 125183.	1.4	6
147	Robust Discrete-Time Flight Control of UAV with External Disturbances. Studies in Systems, Decision and Control, 2021, , .	0.8	6
148	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
149	Composite Anti-Disturbance Reference Model L_2 - L_∞ Control for Helicopter Slung Load System. Journal of Intelligent and Robotic Systems: Theory and Applications, 2021, 102, 1.	2.0	6
150	Resilient H^∞ control for uncertain turbofan linear switched systems with hybrid switching mechanism and disturbance observer. Applied Mathematics and Computation, 2022, 413, 126597.	1.4	6
151	Improved lazy theta $\hat{=}$ algorithm based on octree map for path planning of UAV. Defence Technology, 2023, 23, 8-18.	2.1	6
152	Robust discrete-time fractional-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
153	An adaptive anti-swing control for the helicopter slung-load system based on trajectory planning and neural network. International Journal of Adaptive Control and Signal Processing, 2022, 36, 1116-1140.	2.3	6
154	Robust Adaptive Attitude Control for Airbreathing Hypersonic Vehicle with Attitude Constraints and Propulsive Disturbance. Mathematical Problems in Engineering, 2015, 2015, 1-11.	0.6	5
155	Sliding mode control for a class of fractional-order nonlinear systems based on disturbance observer. , 2016, , .		5
156	Quaternion-based robust extended Kalman filter for attitude estimation of micro quadrotors using low-cost MEMS. , 2016, , .		5
157	State-bounding observer design for uncertain positive systems under H_1 performance. Optimal Control Applications and Methods, 2018, 39, 589-600.	1.3	5
158	Adaptive flight control for unmanned autonomous helicopter with external disturbance and actuator fault. Journal of Engineering, 2019, 2019, 8359-8364.	0.6	5
159	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
160	Composite fault tolerant attitude control for flexible satellite system under disturbance and input delay. Applied Mathematics and Computation, 2021, 409, 126419.	1.4	5
161	Actuator fault tolerant control for a class of nonlinear systems using neural networks. , 2014, , .		4
162	Position/force estimation using Hill muscle model incorporating AdaBoost with SVM-based component classifiers. , 2014, , .		4

#	ARTICLE	IF	CITATIONS
163	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
164	Finite-Time Performance Recovery Strategy-based NCE Adaptive Neural Control for Networked Nonlinear Systems against DoS Attack. , 2021, , .		4
165	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
166	Containment coordination tracking of heterogeneous multi-unmanned systems with switching directed topology. Applied Mathematics and Computation, 2021, 404, 126080.	1.1	4
167	Path Planning of Unmanned Autonomous Helicopter Based on Human-Computer Hybrid Augmented Intelligence. Neural Plasticity, 2021, 2021, 1-22.	1.0	4
168	Adaptive tracking control for an unmanned autonomous helicopter using neural network and disturbance observer. Neurocomputing, 2022, 468, 296-305.	3.5	4
169	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
170	Robust tracking control of uncertain nonlinear systems using disturbance observer. , 2011, , .		3
171	Disturbance-observer-based fault tolerant control for near space vehicles with input saturation. , 2014, , .		3
172	Nonlinear model predictive control for WMR with input constraint. , 2014, , .		3
173	RBFNN based adaptive control of uncertain robot manipulators in discrete time. , 2016, , .		3
174	Tracking control for uncertain fractional-order chaotic systems based on disturbance observer and neural network. IMA Journal of Mathematical Control and Information, 0, , dnw024.	1.1	3
175	LQR-Based Optimal Tracking Fault Tolerant Control for a Helicopter with Actuator Faults. , 2018, , .		3
176	Wind Estimation-based Robust Flight Control for UAV with Active Maneuverability Limit. , 2019, , .		3
177	Tracking Control of Two DOF Manipulator Based on LADRC. , 2019, , .		3
178	Data Fusion of Air Combat Based on Reinforcement Learning. , 2019, , .		3
179	Robust Adaptive Fault-Tolerant Control for the Turbofan Aero-Engine System. , 2020, , .		3
180	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

#	ARTICLE	IF	CITATIONS
181	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
182	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
183	Relative degrees and output tracking control of T-S fuzzy systems. , 2014, , .		2
184	Control of wing rock based on high order sliding mode disturbance observer. , 2014, , .		2
185	Adaptive control of uncertain nonlinear aircraft systems using combined linearized models. , 2016, , .		2
186	Attitude tracking control of aircraft subjected to unsteady aerodynamic disturbance. , 2016, , .		2
187	Horizontal motion tracking control for an underwater vehicle with environmental disturbances. , 2017, , .		2
188	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
189	An implicit function based control scheme for discrete-time non-canonical form neural network systems. , 2017, , .		2
190	Flight Envelope Predicting Algorithm for UAV Based on UKF. , 2019, , .		2
191	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
192	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
193	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
194	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
195	Design of H_{∞} synchronization controller for uncertain chaotic systems with neural network. International Journal of Automation and Control, 2008, 2, 126.	0.3	1
196	Classification and Recognition of Character Using WP Decomposition, Zernike Moments and Fuzzy Integral. , 2009, , .		1
197	Adaptive Neural Control for Uncertain Attitude Dynamics of Near-Space Vehicles with Oblique Wing. Lecture Notes in Computer Science, 2013, , 196-203.	1.0	1
198	Nonlinear control allocation using hybrid optimization algorithm. , 2014, , .		1

#	ARTICLE	IF	CITATIONS
199	Observer-Based Bounded Control for Discrete Time-Delay Uncertain Nonlinear Systems. Discrete Dynamics in Nature and Society, 2015, 2015, 1-16.	0.5	1
200	Multivariable adaptive output tracking control of T-S fuzzy systems. , 2015, , .		1
201	An adaptive output tracking control scheme for T-S fuzzy systems. , 2015, , .		1
202	Observer based backstepping control for a three degree of freedom model helicopter. , 2016, , .		1
203	Sliding mode control using disturbance observer for a flexible link robot. , 2016, , .		1
204	Multi-robot formation control with saturation constraints. , 2016, , .		1
205	Disturbance observer based target tracking control for unmanned aerial vehicles. , 2017, , .		1
206	Robust Stochastic Longitudinal Control for Near Space Vehicles via Polynomial Approximation. , 2018, , .		1
207	Robust Fault Tolerant Tracking Control for Unmanned Autonomous Helicopter with Disturbance. , 2018, , .		1
208	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
209	Reinforcement Learning Based Dynamic Inverse Attitude Control of Near-space Vehicle. , 2020, , .		1
210	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
211	Event-Triggered-Backstepping-Based Parallel Approaching Guidance Method for Maneuvering Target Interception. Research on World Agricultural Economy, 0, , .	0.8	1
212	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
213	Design and Reduction of UML-PN Models of Power Plant's Fault Management System. , 2009, , .		0
214	H<inf>∞</inf> synchronization control for a class of chaotic neural networks with time-varying delays via disturbance observer. , 2011, , .		0
215	Robust Backstepping Control for Longitudinal Flight Dynamics. Applied Mechanics and Materials, 0, 300-301, 1589-1592.	0.2	0
216	Flight state boundary calculation of post-stall maneuver for aircrafts. , 2014, , .		0

#	ARTICLE	IF	CITATIONS
217	Backstepping sliding mode control for NSVs with disturbance observer. , 2014, , .		0
218	Anti-windup control for near space vehicles subject to input saturation. , 2014, , .		0
219	Transformation model of thrust-vectoring using RBF neural network. , 2014, , .		0
220	Fault detection for a class of stochastic systems with unknown disturbance. , 2015, , .		0
221	Stabilization of Networked Control Systems with Induced Delays and Actuator Saturation. Mathematical Problems in Engineering, 2016, 2016, 1-13.	0.6	0
222	Sliding mode tracking control of a 2DOFSFL robot using nonlinear disturbance observer. , 2016, , .		0
223	Adaptive neural tracking control with prescribed performance for strict-feedback stochastic nonlinear systems. , 2016, , .		0
224	Normal form and adaptive control of mimo non-canonical neural network systems. , 2016, , .		0
225	Robust control for robot manipulators with time-varying uncertainty based on bounded observer in discrete time. , 2016, , .		0
226	Reference mode control for a helicopter with time-varying disturbance. , 2017, , .		0
227	$\hat{\sigma}_1$ -induced output-feedback control for uncertain discrete-time positive systems. , 2017, , .		0
228	$\hat{\sigma}_1$ -Induced filtering for discrete-time positive systems with interval uncertainties. , 2017, , .		0
229	A Composite Unknown Input Observer and H^∞ Control Strategy for Flexible Spacecraft with Time Delay. , 2018, , .		0
230	Event-triggered control strategy for distributed UAVs with time-delay and disturbances. , 2019, , .		0
231	Backstepping-based Adaptive Fault-Tolerant Control Design for Satellite Attitude System. , 2020, , .		0
232	Sliding Mode Control of Uncertain Discrete-Time Nonlinear Systems Based on Disturbance Observer. , 2020, , .		0
233	Cooperative Tracking of Multiple Agents with Uncertain Nonlinear Dynamics and Fixed Time Delays. Lecture Notes in Computer Science, 2013, , 120-129.	1.0	0
234	Adaptive NN Control of Discrete-Time Nonlinear Strict-Feedback System Using Disturbance Observer. Lecture Notes in Electrical Engineering, 2020, , 64-72.	0.3	0

#	ARTICLE	IF	CITATIONS
235	Modeling of UAV and Preliminaries. Studies in Systems, Decision and Control, 2021, , 31-52.	0.8	0
236	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
237	Discrete-Time Control for Uncertain UAV System Based on SMDO and NN. Studies in Systems, Decision and Control, 2021, , 119-149.	0.8	0
238	Attitude-Constrained Flight Control for Unmanned Aerial Vehicles with Thrust-Vectoring Maneuverability Enhancement. , 2020, , .		0
239	Nonlinear Control with Energy Shaping for Unmanned Helicopter Slung-load System Based on Disturbance Observer. , 2021, , .		0