

# CITATION REPORT

List of articles citing

**Direct Adaptive Neural Control for a Class of Uncertain Nonaffine Nonlinear Systems Based on Disturbance Observer**

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#	Paper	IF	Citations
340	Sliding Mode Control for a Class of Uncertain MIMO Nonlinear Systems with Application to Near-Space Vehicles. <b>2013</b> , 2013, 1-9		13
339	Observer-based adaptive neural network control for a class of uncertain nonlinear systems. <b>2014</b> ,		4
338	Fast and low-frequency adaptation in neural network control. <i>IET Control Theory and Applications</i> , <b>2014</b> , 8, 2062-2069	2.5	10
337	Direct adaptive general type-2 fuzzy control for a class of uncertain non-linear systems. <b>2014</b> , 8, 518-527		23
336	Observer-based adaptive robust control of nonlinear nonaffine systems with unknown gain sign. <i>Nonlinear Dynamics</i> , <b>2014</b> , 78, 2185-2194	5	20
335	Contact-force distribution optimization and control for quadruped robots using both gradient and adaptive neural networks. <b>2014</b> , 25, 1460-73		68
334	Composite neural dynamic surface control of a class of uncertain nonlinear systems in strict-feedback form. <i>IEEE Transactions on Cybernetics</i> , <b>2014</b> , 44, 2626-34	10.2	283
333	Advanced portable remote monitoring system for the regulation of treadmill running exercises. <b>2014</b> , 61, 119-26		10
332	Research on fuzzy logic control methods for Mars airplane. <b>2014</b> , 86, 415-422		1
331	DO-Based Dynamic Neural Network Identification and Anti-Disturbance Control with Asymmetrical Dead-Zone Constraints**This work was supported in part by the National Nature Science Foundation of China under Grants 61203195 and 61473249, and the Australian Research Council under Grant DP120104986. Part of this work was done when Y. Yi was with the School of		
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165	Neural Network Modeling-Based Anti-Disturbance Tracking Control for Complex Systems with Input Saturation. <b>2018</b> ,		1
164	Modeling and Simulation of Wire-wound Friction of Compact Inertially Stabilized Platforms. <b>2018</b> ,		
163	Adaptive Sliding Mode Tracking Control for Unmanned Autonomous Helicopters Based on Neural Networks. <i>Complexity</i> , <b>2018</b> , 2018, 1-11	1.6	5
162	Finite-time predictor line-of-sightBased adaptive neural network path following for unmanned surface vessels with unknown dynamics and input saturation. <b>2018</b> , 15, 172988141881469		11

161	Distributed adaptive model-free cooperative control for a network of generic unknown nonlinear systems. <b>2018</b> , 15, 172988141880148		3
160	Robust control for an unmanned helicopter with constrained flapping dynamics. <b>2018</b> , 31, 2136-2148		6
159	Performance guaranteed fault control of uncertain constrained nonaffine systems under input quantization and actuation failures. <i>International Journal of Adaptive Control and Signal Processing</i> , <b>2018</b> , 32, 1629-1643	2.8	2
158	Advanced backstepping control based on ADR for non-affine non-strict feedback nonlinear systems. <b>2018</b> , 59, 220-230		2
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153	Distributed adaptive output-feedback tracking control of non-affine multi-agent systems with prescribed performance. <b>2018</b> , 355, 6087-6110		19
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151	Similarity analysis of disturbance observer and active disturbance rejection control for typical motor-driven system. <b>2018</b> ,		1
150	Adaptive Fuzzy control for a marine vessel with time-varying constraints. <i>IET Control Theory and Applications</i> , <b>2018</b> , 12, 1448-1455	2.5	21
149	Low-Complexity Adaptive Saturated Control of a Class of Nonlinear Systems with Its Application. <b>2019</b> , 2019, 1-9		
148	Decentralized finite-time neural control for time-varying state constrained nonlinear interconnected systems in pure-feedback form. <i>Neurocomputing</i> , <b>2019</b> , 365, 201-210	5.4	4
147	Observer-based sliding mode control for bilateral teleoperation with time-varying delays. <b>2019</b> , 91, 104097		15
146	Study on Face stability analysis of the aeolian sand tunnel. <b>2019</b> , 218, 012126		2
145	The Set-Invariance Paradigm in Fuzzy Adaptive DSC Design of Large-Scale Nonlinear Input-Constrained Systems. <b>2019</b> , 1-11		30
144	Adaptive decentralized tracking control of a class of large-scale nonlinear systems with unknown dead-zone inputs using neural network. <b>2019</b> , 41, 4499-4510		7

143	Disturbance-observer-based sampled-data adaptive output feedback control for a class of uncertain nonlinear systems. <b>2019</b> , 50, 1771-1783		9
142	A Novel Disturbance Observer Design for a Larger Class of Nonlinear Strict-Feedback Systems via Improved DSC Technique. <b>2019</b> , 7, 102455-102466		5
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139	Finite-Time PLOS-Based Integral Sliding-Mode Adaptive Neural Path Following for Unmanned Surface Vessels With Unknown Dynamics and Disturbances. <b>2019</b> , 16, 1500-1511		33
138	Adaptive Neural-Based Finite-Time Trajectory Tracking Control for Underactuated Marine Surface Vessels With Position Error Constraint. <b>2019</b> , 7, 16309-16322		22
137	An improved adaptive online neural control for robot manipulator systems using integral Barrier Lyapunov functions. <b>2019</b> , 50, 638-651		11
136	Multiple Lyapunov functions-based adaptive neural network tracking control of uncertain switched nonlinear systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2019</b> , 29, 4577-4593	3.6	10
135	High-Gain Observer-Based Line-of-Sight Guidance for Adaptive Neural Path Following Control of Underactuated Marine Surface Vessels. <b>2019</b> , 7, 26088-26101		13
134	Improved disturbance observer based control for airborne photoelectric stabilized platform. <b>2019</b> , 188, 133-136		1
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132	Neural Network-Based Cooperative Identification for a Class of Unknown Nonlinear Systems via Event-Triggered Communication. <b>2019</b> , 1-10		0
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124	Disturbance observer-based L 1 robust tracking control for single-link flexible-joint manipulator systems. <b>2019</b> , 2019, 8390-8394		0
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122	Disturbance Observer-Based Fault-Tolerant Adaptive Control for Nonlinearly Parameterized Systems. <b>2019</b> , 66, 8681-8691		41
121	Novel smooth sliding mode attitude control design for constrained re-entry vehicle based on disturbance observer. <b>2019</b> , 50, 75-90		5
120	Adaptive Neural Control of Underactuated Surface Vessels With Prescribed Performance Guarantees. <b>2019</b> , 30, 3686-3698		117
119	The Non-Smoothness Problem in Disturbance Observer Design: A Set-Invariance-Based Adaptive Fuzzy Control Method. <b>2019</b> , 27, 598-604		28
118	Adaptive Neural Control for Nonlinear Systems in Non-strict-feedback Form. <b>2019</b> , 857-865		
117	Finite-Time Fault-Tolerant Control for a Class of Non-Affine Nonlinear System Using Sliding Mode Disturbance Observer. <b>2019</b> , 21, 364-376		1
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115	Adaptive consensus tracking of non-square MIMO nonlinear systems with input saturation and input gain matrix under directed graph. <b>2019</b> , 31, 2171-2182		2
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113	Sampled-Data-Based Event-Triggered Active Disturbance Rejection Control for Disturbed Systems in Networked Environment. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 556-566	10.2	59
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111	Fault-Tolerant Containment Control of Multiple Unmanned Aerial Vehicles Based on Distributed Sliding-Mode Observer. <b>2019</b> , 93, 163-177		21
110	Coordination Control of a Dual-Arm Exoskeleton Robot Using Human Impedance Transfer Skills. <b>2019</b> , 49, 954-963		25
109	A Learning-Based Hierarchical Control Scheme for an Exoskeleton Robot in Human-Robot Cooperative Manipulation. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 112-125	10.2	32
108	Fuzzy Adaptive Quantized Fault-Tolerant Control of Strict-Feedback Nonlinear Systems With Mismatched External Disturbances. <b>2020</b> , 50, 3424-3434		22

107	Learning from neural control for non-affine systems with full state constraints using command filtering. <b>2020</b> , 93, 2392-2406		22
106	. <b>2020</b> , 50, 3470-3480		43
105	Neural Network-Based Distributed Cooperative Learning Control for Multiagent Systems via Event-Triggered Communication. <b>2020</b> , 31, 407-419		20
104	HONN-Based Adaptive ILC for Pure-Feedback Nonaffine Discrete-Time Systems With Unknown Control Directions. <b>2020</b> , 31, 212-224		16
103	A modeling error-based adaptive fuzzy observer approach with input saturation analysis for robust control of affine and non-affine systems. <b>2020</b> , 24, 1717-1735		3
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101	A Two-Stage State Feedback Controller Supported by Disturbance-State Observer for Vibration Control of a Flexible-Joint Robot. <b>2020</b> , 38, 1082-1104		3
100	Disturbance Observer-Based Neural Network Control of Cooperative Multiple Manipulators With Input Saturation. <b>2020</b> , 31, 1735-1746		53
99	Finite-Time Fuzzy Control of Stochastic Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> ,	10.2	90
98	Distributed Synchronization Control of Nonaffine Multiagent Systems With Guaranteed Performance. <b>2020</b> , 31, 1571-1580		13
97	Adaptive neural control for non-strict-feedback nonlinear systems with input delay. <b>2020</b> , 514, 605-616		59
96	Robust Adaptive Fault-Tolerant Tracking Control for Nonaffine Stochastic Nonlinear Systems With Full-State Constraints. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , 50, 3793-3805	10.2	39
95	Robust neural tracking control for switched nonaffine stochastic nonlinear systems with unknown control directions and backlash-like hysteresis. <b>2020</b> , 357, 2791-2812		5
94	Adaptive dynamic surface control of nonaffine nonlinear system with time-varying state constraints. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 926-949	3.6	3
93	A direct NN-approximation control for uncertain nonaffine systems with unknown control direction. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 864-881	3.6	0
92	Flexible performance-based robust control for a class of nonlinear systems with input saturation. <b>2020</b> , 122, 109268		12
91	Adaptive output-feedback tracking control for a class of nonlinear systems with input saturation: a multi-dimensional Taylor network-based approach. <b>2020</b> , 51, 2471-2482		2
90	Appointed-Time Integral Barrier Lyapunov Function-Based Trajectory Tracking Control for a Hovercraft with Performance Constraints. <b>2020</b> , 10, 7381		1

89	Adaptive exact sliding tracking control of high-order strict-feedback systems with mismatched nonlinearities and external disturbances. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 8228-8243	3.6	5
88	Adaptive control of linearly parameterized nonaffine nonlinear systems via dynamic matching. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 7197-7215	3.6	0
87	Optimal Nonlinear Controller Design for Different Classes of Nonlinear Systems Using Black Hole Optimization Method. <b>2020</b> , 45, 7033-7053		5
86	Adaptive neural tracking control of stochastic nonaffine nonlinear switched systems with unknown backlash-like hysteresis. <b>2020</b> , 1-12		1
85	Adaptive tracking control of robot manipulators with input saturation and time-varying output constraints. <b>2020</b> , 23, 1476		4
84	Distributed output-feedback finite-time tracking control of nonaffine nonlinear leader-follower multiagent systems. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 2977-2998	3.6	3
83	Robust optimal control for a class of nonlinear systems with unknown disturbances based on disturbance observer and policy iteration. <i>Neurocomputing</i> , <b>2020</b> , 390, 185-195	5.4	15
82	Adaptive neural tracking control for non-affine nonlinear systems with finite-time output constraint. <i>Neurocomputing</i> , <b>2020</b> , 397, 60-69	5.4	6
81	Adaptive Fuzzy Tracking Control for a Class of Uncertain Switched Nonlinear Systems With Full-State Constraints and Input Saturations. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	7
80	A Novel Prescribed Performance Controller With Unknown Dead-Zone and Impactive Disturbance. <b>2020</b> , 8, 17160-17169		2
79	Filtering adaptive neural network controller for multivariable nonlinear systems with mismatched uncertainties. <i>International Journal of Robust and Nonlinear Control</i> , <b>2020</b> , 30, 4565-4583	3.6	3
78	Distributed adaptive neural network consensus for a class of uncertain nonaffine nonlinear multi-agent systems. <i>Nonlinear Dynamics</i> , <b>2020</b> , 100, 1243-1255	5	17
77	Anti-disturbance reference mode resilient dynamic output feedback control for turbofan systems. <i>Applied Mathematics and Computation</i> , <b>2020</b> , 378, 125183	2.7	3
76	L adaptive pitch angle controller of wind energy conversion systems. <i>ISA Transactions</i> , <b>2020</b> , 103, 28-36	5.5	6
75	Composite adaptive finite-time control for quadrotors via prescribed performance. <b>2020</b> , 357, 5878-5901		8
74	Neural Network Adaptive Tracking Control of Uncertain MIMO Nonlinear Systems With Output Constraints and Event-Triggered Inputs. <b>2021</b> , 32, 695-707		12
73	. <b>2021</b> , 29, 1107-1120		6
72	Adaptive Fuzzy Integral Sliding-Mode Control for Robust Fault-Tolerant Control of Robot Manipulators With Disturbance Observer. <b>2021</b> , 29, 1284-1296		20

71	Adaptive output feedback control for a class of non-affine nonlinear systems. <b>2021</b> , 94, 1043-1053		1
70	Adaptive Backstepping Sliding Mode Control of Uncertain Semi-Strict Nonlinear Systems and Application to Permanent Magnet Synchronous Motor. <b>2021</b> , 34, 552-571		3
69	Adaptive Fuzzy Asymptotic Tracking for Nonlinear Systems With Nonstrict-Feedback Structure. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 853-861	10.2	22
68	Switched safe tracking control design for unmanned autonomous helicopter with disturbances. <b>2021</b> , 39, 100979		5
67	Adaptive Asymptotic Tracking Control of Uncertain Nonlinear Systems Based on Taylor Decoupling and Event-Trigger. <b>2021</b> , 1-8		2
66	Fuzzy Observer Constraint Based on Adaptive Control for Uncertain Nonlinear MIMO Systems With Time-Varying State Constraints. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 1380-1389	10.2	20
65	F-model generated by function S-rough sets. <b>2021</b> , 27, 1641-1645		
64	Fuzzy Robust Constrained Control for Nonlinear Systems With Input Saturation and External Disturbances. <b>2021</b> , 29, 345-356		18
63	Command Filter-Based Adaptive Neural Control Design for Nonstrict-Feedback Nonlinear Systems With Multiple Actuator Constraints. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	6
62	Adaptive NN Resilient Consensus Control of Nonlinear Heterogeneous Agents Under Switching Network With DoS Attacks. <b>2021</b> , 9, 119641-119647		1
61	Adaptive Neural Safe Tracking Control Design for a Class of Uncertain Nonlinear Systems With Output Constraints and Disturbances. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	3
60	Fixed-time tracking control for two-link rigid manipulator based on disturbance observer. <b>2021</b> , 43, 1924-1935		1
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