

# CITATION REPORT

List of articles citing

**Composite neural dynamic surface control of a class of uncertain nonlinear systems in strict-feedback form**

**DOI: 10.1109/tcyb.2014.2311824**

**IEEE Transactions on Cybernetics, 2014, 44, 2626-34.**

**Source:** <https://exaly.com/paper-pdf/59736490/citation-report.pdf>

**Version:** 2024-04-25

This report has been generated based on the citations recorded by exaly.com for the above article. For the latest version of this publication list, visit the link given above.

The third column is the impact factor (IF) of the journal, and the fourth column is the number of citations of the article.

#	Paper	IF	Citations
354	Professional and Financial Contributions. <b>1976,</b>		
353	Automatic modelling and efficient tracking of deformable objects. <b>2005,</b>		
352	Neural-network-based adaptive dynamic surface control for MIMO systems with unknown hysteresis. <b>2014,</b>		
351	Neural dynamic surface hypersonic flight control using minimal-learning-parameter technique. <b>2014,</b>		1
350	Data learning based hypersonic flight control using ELM. <b>2014,</b>		
349	An adaptive controller for nonlinear teleoperators with variable time-delays. <i>Journal of the Franklin Institute</i> , <b>2014</b> , 351, 4817-4837	4	33
348	Neural control of hypersonic flight dynamics with actuator fault and constraint. <b>2015</b> , 58, 1-10		7
347	A Fault Detection Filtering for Networked Control Systems Based on Balanced Reduced-Order. <b>2015</b> , 2015, 1-8		1
346	Designing Backstepping Control System for Hypersonic Vehicle Based on Feedback Linearization. <b>2015</b> , 2015, 1-11		3
345	MLP technique based reinforcement learning control of discrete pure-feedback systems. <b>2015</b> , 168, 401-407		4
344	Observed-Based Adaptive Fuzzy Tracking Control for Switched Nonlinear Systems With Dead-Zone. <i>IEEE Transactions on Cybernetics</i> , <b>2015</b> , 45, 2816-26	10.2	169
343	Composite fuzzy control of a class of uncertain nonlinear systems with disturbance observer. <i>Nonlinear Dynamics</i> , <b>2015</b> , 80, 341-351	5	93
342	Simplified adaptive neural control of strict-feedback nonlinear systems. <b>2015</b> , 159, 251-256		16
341	An overview on flight dynamics and control approaches for hypersonic vehicles. <b>2015</b> , 58, 1-19		90
340	Robust adaptive control scheme for optical tracking telescopes with unknown disturbances. <b>2015</b> , 126, 1185-1190		7
339	Anti-disturbance control of hypersonic flight vehicles with input saturation using disturbance observer. <b>2015</b> , 58, 1-12		30
338	Adaptive neural network control of unknown nonlinear affine systems with input deadzone and output constraint. <b>2015</b> , 58, 96-104		38

337	Robust adaptive neural control of flexible hypersonic flight vehicle with dead-zone input nonlinearity. <i>Nonlinear Dynamics</i> , <b>2015</b> , 80, 1509-1520	5	206
336	Minimal-learning-parameter technique based adaptive neural control of hypersonic flight dynamics without back-stepping. <b>2015</b> , 164, 201-209		49
335	Composite dynamic surface control of hypersonic flight dynamics using neural networks. <b>2015</b> , 58, 1-9		10
334	Bearing fault diagnosis method based on singular value decomposition and hidden Markov model. <b>2015</b> ,		3
333	Adaptive Neural Output Feedback Control of Uncertain Nonlinear Systems With Unknown Hysteresis Using Disturbance Observer. <b>2015</b> , 62, 7706-7716		259
332	Feature selection and feature learning for high-dimensional batch reinforcement learning: A survey. <b>2015</b> , 12, 229-242		22
331	Composite Adaptive Fuzzy Output Feedback Dynamic Surface Control Design for Uncertain Nonlinear Stochastic Systems with Input Quantization. <b>2015</b> , 17, 609-622		13
330	Global neural dynamic surface tracking control of strict-feedback systems with application to hypersonic flight vehicle. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2015</b> , 26, 2563-75	10.3	235
329	Discrete control of longitudinal dynamics for hypersonic flight vehicle using neural networks. <b>2015</b> , 58, 1-10		5
328	Neural discrete back-stepping control of hypersonic flight vehicle with equivalent prediction model. <b>2015</b> , 154, 337-346		58
327	Composite Adaptive Fuzzy Output Feedback Control Design for Uncertain Nonlinear Strict-Feedback Systems With Input Saturation. <i>IEEE Transactions on Cybernetics</i> , <b>2015</b> , 45, 2299-308	10.2	349
326	Adaptive fuzzy control for a class of unknown nonlinear dynamical systems. <b>2015</b> , 263, 49-70		143
325	Organization Learning Oriented Approach with Application to Discrete Flight Control. <b>2016</b> , 2016, 1-8		1
324	Guidance Law and Neural Control for Hypersonic Missile to Track Targets. <b>2016</b> , 2016, 1-10		1
323	Stabilization Control of Continuous-Time Fractional Positive Systems Based on Disturbance Observer. <i>IEEE Access</i> , <b>2016</b> , 4, 3054-3064	3.5	17
322	Robust Adaptive Neural Control for a Class of Time-Varying Delay Systems with Backlash-like Hysteresis Input. <b>2016</b> , 18, 1087-1101		10
321	Composite adaptive dynamic surface control using online recorded data. <b>2016</b> , 26, 3921-3936		58
320	Online data-driven composite adaptive backstepping control with exact differentiators. <b>2016</b> , 30, 779-789		18

319	Neural Network Direct Adaptive Control Strategy for a Class of Switched Nonlinear Systems. <b>2016</b> , 138,		2
318	Dynamic model of a 3-DOF redundantly actuated parallel manipulator. <b>2016</b> , 13, 172988141666279		
317	Nonlinear robust dynamic surface controller design for twin rotor control system. <b>2016</b> ,		
316	Adaptive fuzzy system-based variable-structure controller for uncertain MIMO nonlinear systems subject to actuator nonlinearities. <b>2016</b> ,		1
315	Adaptive fuzzy system-based variable-structure controller for uncertain MIMO nonlinear systems subject to actuator nonlinearities. <b>2016</b> ,		1
314	Robust Estimation of Balanced Simplicity-Accuracy Neural Networks-Based Models. <b>2016</b> , 138,		5
313	H (infty ) observer-based sliding mode control for singularly perturbed systems with input nonlinearity. <i>Nonlinear Dynamics</i> , <b>2016</b> , 85, 573-582	5	12
312	A novel biologically inspired ELM-based network for image recognition. <b>2016</b> , 174, 286-298		14
311	Adaptive control of a class of switched nonlinear discrete-time systems with unknown parameter. <b>2016</b> , 214, 1-6		11
310	Adaptive fuzzy decentralized control for a class of interconnected nonlinear system with unmodeled dynamics and dead zones. <b>2016</b> , 214, 972-980		12
309	Horizontal-Plane Trajectory-Tracking Control of an Underactuated Unmanned Marine Vehicle in the Presence of Ocean Currents. <b>2016</b> , 13, 83		18
308	Predictor-based neural dynamic surface control for distributed formation tracking of multiple marine surface vehicles with improved transient performance. <b>2016</b> , 59, 1		14
307	Path following of an Underactuated AUV Based on Fuzzy Backstepping Sliding Mode Control. <b>2016</b> , 13, 122		34
306	Adaptive neural dynamic surface sliding mode control for uncertain nonlinear systems with unknown input saturation. <b>2016</b> , 13, 172988141665775		4
305	Cooperative Adaptive Fuzzy Output Feedback Control for Synchronization of Nonlinear Multi-Agent Systems in the Presence of Input Saturation. <b>2016</b> , 18, 619-630		26
304	Neural Network-Based Control of Networked Trilateral Teleoperation With Geometrically Unknown Constraints. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 1051-64	10.2	63
303	Adaptive Neural Fault-Tolerant Control of a 3-DOF Model Helicopter System. <b>2016</b> , 46, 260-270		236
302	Adaptive Neural Impedance Control of a Robotic Manipulator With Input Saturation. <b>2016</b> , 46, 334-344		546

301	Adaptive Neural Network Control for the Trajectory Tracking of the Furuta Pendulum. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 3439-3452	10.2	33
300	Adaptive Fuzzy Output Feedback Control for Switched Nonlinear Systems With Unmodeled Dynamics. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 295-305	10.2	73
299	Fuzzy Adaptive Control With State Observer for a Class of Nonlinear Discrete-Time Systems With Input Constraint. <b>2016</b> , 24, 1147-1158		178
298	Neural adaptive control of hypersonic aircraft with actuator fault using randomly assigned nodes. <b>2016</b> , 174, 1070-1076		9
297	Adaptive neural networks output feedback dynamic surface control design for MIMO pure-feedback nonlinear systems with hysteresis. <b>2016</b> , 198, 58-68		28
296	Disturbance observerBased dynamic surface control design for a hypersonic vehicle with input constraints and uncertainty. <b>2016</b> , 230, 522-536		15
295	Robust adaptive nonlinear observer design via multi-time scales neural network. <b>2016</b> , 190, 217-225		9
294	Robust control for a networked direct-drive linear motion control system: Design and experiments. <b>2016</b> , 370-371, 725-742		15
293	Design and Implementation of Robust-Fixed Structure Controller for Telerobotic Systems. <b>2016</b> , 83, 253-269		22
292	Finite-time synchronization for competitive neural networks with mixed delays and non-identical perturbations. <b>2016</b> , 185, 242-253		47
291	A Wireless BCI and BMI System for Wearable Robots. <b>2016</b> , 46, 936-946		32
290	Neural network-based adaptive control for a class of chemical reactor systems with non-symmetric dead-zone. <b>2016</b> , 174, 597-604		9
289	Neural Network Control of a Robotic Manipulator With Input Deadzone and Output Constraint. <b>2016</b> , 46, 759-770		230
288	Composite adaptive fuzzy output feedback dynamic surface control design for stochastic large-scale nonlinear systems with unknown dead zone. <b>2016</b> , 175, 55-64		12
287	Global finite-time heading control of surface vehicles. <b>2016</b> , 175, 662-666		34
286	Hybrid Fuzzy Adaptive Output Feedback Control Design for Uncertain MIMO Nonlinear Systems With Time-Varying Delays and Input Saturation. <b>2016</b> , 24, 841-853		325
285	A Novel Extreme Learning Control Framework of Unmanned Surface Vehicles. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 1106-17	10.2	66
284	Adaptive Robust Online Constructive Fuzzy Control of a Complex Surface Vehicle System. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 1511-23	10.2	145

283	Adaptive Fault-Tolerant Control of Uncertain Nonlinear Large-Scale Systems With Unknown Dead Zone. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 1851-62	10.2	225
282	Adaptive fuzzy control for perturbed strict-feedback nonlinear systems with predefined tracking accuracy. <i>Nonlinear Dynamics</i> , <b>2016</b> , 83, 1185-1197	5	36
281	Hybrid adaptive fuzzy control for uncertain MIMO nonlinear systems with unknown dead-zones. <b>2016</b> , 328, 97-114		18
280	Neural network based dynamic surface control of hypersonic flight dynamics using small-gain theorem. <b>2016</b> , 173, 690-699		67
279	Trajectory tracking control for an indoor quadrotor UAV based on the disturbance observer. <i>Transactions of the Institute of Measurement and Control</i> , <b>2016</b> , 38, 675-692	1.8	29
278	Adaptive Neural Network Control of an Uncertain Robot With Full-State Constraints. <i>IEEE Transactions on Cybernetics</i> , <b>2016</b> , 46, 620-9	10.2	802
277	Observer-based adaptive fuzzy output constrained control for MIMO nonlinear systems with unknown control directions. <b>2016</b> , 290, 79-99		24
276	Two adaptive control strategies for trajectory tracking of the inertia wheel pendulum: neural networks vis $\bar{\sigma}$ vis model regressor. <b>2017</b> , 23, 63-73		12
275	Tracking control of a marine surface vessel with full-state constraints. <b>2017</b> , 48, 535-546		52
274	Fuzzy Adaptive Fault-Tolerant Output Feedback Attitude-Tracking Control of Rigid Spacecraft. <b>2017</b> , 47, 1898-1908		70
273	. <b>2017</b> , 25, 527-542		49
272	Adaptive Fuzzy decentralized control for uncertain large-scale nonlinear time-delay systems with virtual control functions. <b>2017</b> , 28, 1009-1020		1
271	Adaptive Neural Network Control of a Marine Vessel With Constraints Using the Asymmetric Barrier Lyapunov Function. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 1641-1651	10.2	239
270	Disturbance Observer-Based Dynamic Surface Control of Transport Aircraft With Continuous Heavy Cargo Airdrop. <b>2017</b> , 47, 161-170		91
269	Spatial Trajectory Tracking Control of a Fully Actuated Helicopter in Known Static Environment. <b>2017</b> , 85, 127-144		2
268	Disturbance Observer Based Composite Learning Fuzzy Control of Nonlinear Systems with Unknown Dead Zone. <b>2017</b> , 47, 1854-1862		110
267	Neural Network Control of a Flexible Robotic Manipulator Using the Lumped Spring-Mass Model. <b>2017</b> , 47, 1863-1874		180
266	Fault-tolerant containment control of uncertain nonlinear systems in strict-feedback form. <b>2017</b> , 27, 497-511		25

265	Adaptive Neural Synchronization Control for Bilateral Teleoperation Systems With Time Delay and Backlash-Like Hysteresis. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 3018-3026	10.2	75
264	Self-tuned local feedback gain based decentralized fault tolerant control for a class of large-scale nonlinear systems. <b>2017</b> , 235, 147-156		22
263	Robust bilateral control for state convergence in uncertain teleoperation systems with time-varying delay: a guaranteed cost control design. <i>Nonlinear Dynamics</i> , <b>2017</b> , 88, 1413-1426	5	22
262	Command Filter-Based Adaptive Neural Tracking Controller Design for Uncertain Switched Nonlinear Output-Constrained Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 3160-3171	10.2	141
261	Modular Adaptive Control for LOS-Based Cooperative Path Maneuvering of Multiple Underactuated Autonomous Surface Vehicles. <b>2017</b> , 47, 1613-1624		78
260	Observer-Based Fuzzy Adaptive Output-Feedback Control of Stochastic Nonlinear Multiple Time-Delay Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 2568-2578	10.2	134
259	Two performance enhanced control of flexible-link manipulator with system uncertainty and disturbances. <b>2017</b> , 60, 1		21
258	Adaptive Neural Control of Uncertain Nonlinear Systems Using Disturbance Observer. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 3110-3123	10.2	153
257	Tracking error constrained robust adaptive neural prescribed performance control for flexible hypersonic flight vehicle. <b>2017</b> , 14, 172988141668270		6
256	Sampled-data synchronization control for chaotic neural networks subject to actuator saturation. <b>2017</b> , 260, 25-31		80
255	Adaptive neural network control of a robotic manipulator with unknown backlash-like hysteresis. <i>IET Control Theory and Applications</i> , <b>2017</b> , 11, 567-575	2.5	43
254	RETRACTED ARTICLE: Nonlinear backstepping control design of LSM drive system using adaptive modified recurrent Laguerre orthogonal polynomial neural network. <i>International Journal of Control, Automation and Systems</i> , <b>2017</b> , 15, 905-917	2.9	15
253	Sliding mode control design of a ship steering autopilot with input saturation. <b>2017</b> , 14, 172988141770356		13
252	DOB-Based Neural Control of Flexible Hypersonic Flight Vehicle Considering Wind Effects. <b>2017</b> , 64, 8676-8685		143
251	Adaptive Fuzzy Sliding Mode Control for MIMO Nonaffine Dutch-Roll System. <b>2017</b> , 139,		2
250	Block diagonal dominant remotely operated vehicle model simulation using decentralized model predictive control. <b>2017</b> , 9, 168781401769888		8
249	Synthetic adaptive fuzzy tracking control for MIMO uncertain nonlinear systems with disturbance observer. <b>2017</b> , 249, 191-201		8
248	Neural-network-based sliding-mode control for multiple rigid-body attitude tracking with inertial information completely unknown. <b>2017</b> , 400-401, 91-104		24

247	Containment Maneuvering of Marine Surface Vehicles With Multiple Parameterized Paths via Spatial-Temporal Decoupling. <b>2017</b> , 22, 1026-1036		111
246	Adaptive Intelligent Control of Nonaffine Nonlinear Time-Delay Systems With Dynamic Uncertainties. <b>2017</b> , 47, 1474-1485		101
245	Formation tracking control for time-delayed multi-agent systems with second-order dynamics. <b>2017</b> , 30, 348-357		23
244	Adaptive neural tracking control for uncertain nonlinear systems with input and output constraints using disturbance observer. <b>2017</b> , 235, 27-37		39
243	Hovering control of submarine based on L1 adaptive theory via ballast tanks. <b>2017</b> , 14, 172988141772419		2
242	Robust control of a redundant wheeled drive system for energy saving and fail safe motion. <b>2017</b> , 9, 168781401770234		
241	Adaptive Neural Network Control of a Robotic Manipulator With Time-Varying Output Constraints. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 3136-3147	10.2	159
240	A novel neural network adaptive control for a uncertain nonlinear systems with prescribed performance. <b>2017</b> ,		
239	Adaptive dynamic surface control design for a class of uncertain nonlinear systems using interval type-2 fuzzy systems. <b>2017</b> ,		
238	Controlling uncertain Genesio-Chesi chaotic system using adaptive dynamic surface and nonlinear feedback. <b>2017</b> , 105, 180-188		3
237	Sliding mode disturbance observer-based adaptive control for uncertain MIMO nonlinear systems with dead-zone. <b>2017</b> , 31, 1003-1018		26
236	Modified adaptive neural dynamic surface control for morphing aircraft with input and output constraints. <i>Nonlinear Dynamics</i> , <b>2017</b> , 87, 2367-2383	5	34
235	Hybrid Fuzzy Adaptive Fault-Tolerant Control for a Class of Uncertain Nonlinear Systems With Unmeasured States. <b>2017</b> , 25, 1041-1050		37
234	Adaptive Neural Tracking Control for a Class of Nonlinear Systems With Dynamic Uncertainties. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 3075-3087	10.2	150
233	Adaptive Fuzzy Output Constrained Control Design for Multi-Input Multioutput Stochastic Nonstrict-Feedback Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 4086-4095	10.2	111
232	Neural Network-Based Adaptive Leader-Following Consensus Control for a Class of Nonlinear Multiagent State-Delay Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2017</b> , 47, 2151-2160	10.2	207
231	performance control of robot manipulators with kinematics, dynamics and actuator uncertainties. <b>2017</b> , 27, 875-893		5
230	Adaptive neural dynamic surface control of morphing aircraft with input constraints. <b>2017</b> ,		0



229	Control surface optimization of hypersonic vehicle based on adaptive backstepping method. <b>2017</b> ,		1
228	Networked control method for polynomial systems via state feedback control. <b>2017</b> ,		
227	Simulation of ultra-thin solar cells beyond the semi-classical bulk picture. <b>2017</b> ,		
226	Adaptive Neural Network Control for Nonlinear Hydraulic Servo-System with Time-Varying State Constraints. <b>2017</b> , 2017, 1-11		10
225	Composite Learning Sliding Mode Control of Flexible-Link Manipulator. <b>2017</b> , 2017, 1-6		26
224	A Brief Review of Neural Networks Based Learning and Control and Their Applications for Robots. <b>2017</b> , 2017, 1-14		26
223	Robust Adaptive Neural Control of Morphing Aircraft with Prescribed Performance. <b>2017</b> , 2017, 1-16		9
222	An improved adaptive dynamic surface control approach for uncertain nonlinear systems. <b>2018</b> , 32, 713-728		12
221	Adaptive Fuzzy Super-twisting Backstepping Control Design for MIMO Nonlinear Strict Feedback Systems. <i>International Journal of Control, Automation and Systems</i> , <b>2018</b> , 16, 1165-1178	2.9	8
220	Adaptive Neural Output-Feedback Control for a Class of Nonlower Triangular Nonlinear Systems With Unmodeled Dynamics. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 3658-3668	10.3	95
219	Composite Learning Control of MIMO Systems With Applications. <b>2018</b> , 65, 6414-6424		45
218	Observer-Based Composite Adaptive Fuzzy Control for Nonstrict-Feedback Systems With Actuator Failures. <b>2018</b> , 26, 2336-2347		124
217	Robust Fuzzy Adaptive Tracking Control for Nonaffine Stochastic Nonlinear Switching Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2018</b> , 48, 2462-2471	10.2	100
216	Adaptive Approximation-Based Regulation Control for a Class of Uncertain Nonlinear Systems Without Feedback Linearizability. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 3747-3760	10.3	37
215	Disturbance observer based adaptive neural prescribed performance control for a class of uncertain nonlinear systems with unknown backlash-like hysteresis. <b>2018</b> , 299, 10-19		19
214	HOSM observer based robust adaptive hypersonic flight control using composite learning. <b>2018</b> , 295, 98-107		6
213	Online Recorded Data-Based Composite Neural Control of Strict-Feedback Systems With Application to Hypersonic Flight Dynamics. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 3839-3849	10.3	68
212	Filter-Driven-Approximation-Based Control for a Class of Pure-Feedback Systems With Unknown Nonlinearities by State and Output Feedback. <b>2018</b> , 48, 161-176		8

211	Tracking-Error-Based Universal Adaptive Fuzzy Control for Output Tracking of Nonlinear Systems with Completely Unknown Dynamics. <b>2018</b> , 26, 869-883		89
210	Adaptive Fuzzy Bounded Control for Consensus of Multiple Strict-Feedback Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2018</b> , 48, 522-531	10.2	74
209	Composite Intelligent Learning Control of Strict-Feedback Systems With Disturbance. <i>IEEE Transactions on Cybernetics</i> , <b>2018</b> , 48, 730-741	10.2	110
208	Pattern-Based NN Control of a Class of Uncertain Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 1108-1119	10.3	11
207	Adaptive Fuzzy Neural Network Control for a Constrained Robot Using Impedance Learning. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 1174-1186	10.3	382
206	On Mixed Data and Event Driven Design for Adaptive-Critic-Based Nonlinear $H_{\infty}$ Control. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2018</b> , 29, 993-1005	10.3	56
205	Distributed Maneuvering of Autonomous Surface Vehicles Based on Neurodynamic Optimization and Fuzzy Approximation. <b>2018</b> , 26, 1083-1090		181
204	Composite Learning Control of Flexible-Link Manipulator Using NN and DOB. <b>2018</b> , 48, 1979-1985		50
203	Adaptive Neural Compliant Force-Position Control of Serial PAM Robot. <b>2018</b> , 89, 351-369		15
202	Neural network based boundary control of a vibrating string system with input deadzone. <b>2018</b> , 275, 1021-1027		72
201	Adaptive echo state network control for a class of pure-feedback systems with input and output constraints. <b>2018</b> , 275, 1370-1382		63
200	Adaptive Neural Control of Nonlinear Systems With Unknown Control Directions and Input Dead-Zone. <b>2018</b> , 48, 1897-1907		85
199	Robust LS-SVM-based adaptive constrained control for a class of uncertain nonlinear systems with time-varying predefined performance. <b>2018</b> , 56, 561-587		14
198	Sliding mode control of MEMS gyroscopes using composite learning. <b>2018</b> , 275, 2555-2564		11
197	Fault detection and fuzzy tolerant control for complex stochastic multivariable nonlinear systems. <b>2018</b> , 275, 2392-2400		8
196	Vehicle Information Influence Degree Screening Method Based on GEP Optimized RBF Neural Network. <b>2018</b> , 2018, 1-12		4
195	Bio-Inspired Neural Adaptive Control of a Small Unmanned Aerial Vehicle Based on Airflow Sensors. <b>2018</b> , 18,		4
194	Neural Learning-Based Integrated Guidance and Control Algorithm of Multiple Underactuated AUVs. <b>2018</b> ,		0

193	Back-Stepping Controller Design for Altitude subsystem of Hypersonic Missile with Takagi-Sugeno Fuzzy Estimator. <b>2018,</b>		
192	Three-Dimensional Path Following of an Underactuated AUV Based on Neuro-Adaptive Command Filtered Backstepping Control. <i>IEEE Access</i> , <b>2018</b> , 6, 74355-74365	3.5	22
191	Adaptive Sliding Mode Tracking Control for Unmanned Autonomous Helicopters Based on Neural Networks. <b>2018</b> , 2018, 1-11		5
190	Asymptotic Synchronization Control of Discrete-Time Delayed Neural Networks With a Reuse Mechanism Under Missing Data and Uncertainty. <i>IEEE Access</i> , <b>2018</b> , 6, 52073-52081	3.5	2
189	Received Signal Strength Intensity Based Localization of Partial Discharge in High Voltage Systems. <b>2018,</b>		2
188	A Review of Voltage Sharing Control Methods for Series-connected IGBTs for Applications in Pulsed Power Generation. <b>2018,</b>		
187	Adaptive Neural Networks Control Using Barrier Lyapunov Functions for DC Motor System with Time-Varying State Constraints. <b>2018</b> , 2018, 1-9		13
186	Neural adaptive output-feedback control of non-affine nonlinear systems with unknown control direction. <b>2018,</b>		
185	Fuzzy logic control of an uncertain manipulator with full-state constraints. <b>2018,</b>		0
184	Cooperative deterministic learning control for a group of homogeneous nonlinear uncertain robot manipulators. <b>2018</b> , 61, 1		10
183	Robust adaptive neural control for pure-feedback stochastic nonlinear systems with Prandtl-Bifilinskii hysteresis. <b>2018</b> , 314, 169-176		14
182	Adaptive Neural Dynamic Surface Control for Pure-Feedback Systems With Input Saturation. <b>2018</b> , 229-246		
181	Adaptive neural network asymptotical tracking control for an uncertain nonlinear system with input quantisation. <b>2018</b> , 49, 1974-1984		6
180	Online Performance-Based Adaptive Fuzzy Dynamic Surface Control for Nonlinear Uncertain Systems Under Input Saturation. <b>2019</b> , 27, 209-220		11
179	Variable-structure backstepping controller for multivariable nonlinear systems with actuator nonlinearities based on adaptive fuzzy system. <i>Soft Computing</i> , <b>2019</b> , 23, 12277-12293	3.5	11
178	Adaptive dynamic surface longitudinal tracking control of autonomous vehicles. <b>2019</b> , 13, 1272-1280		2
177	Improved Integral LOS Guidance and Path-Following Control for an Unmanned Robot Sailboat via the Robust Neural Damping Technique. <b>2019</b> , 72, 1378-1398		6
176	Prescribed performance fixed-time recurrent neural network control for uncertain nonlinear systems. <b>2019</b> , 363, 351-365		21

175	Adaptive Trajectory Tracking Control of a Cable-Driven Underwater Vehicle on a Tension Leg Platform. <i>IEEE Access</i> , <b>2019</b> , 7, 35512-35531	3.5	6
174	A neural composite dynamic surface control for pure-feedback systems with unknown control gain signs and full state constraints. <b>2019</b> , 29, 5720-5743		7
173	Adaptive Dynamic Surface Control of Flight With Vector-Coupled Dynamics. <i>IEEE Access</i> , <b>2019</b> , 7, 1573303-157340		
172	A Novel Robust Adaptive Backstepping Method Combined with SMC on Strict-Feedback Nonlinear Systems Using Neural Networks. <b>2019</b> , 291, 01001		
171	Neural observer-based adaptive prescribed performance control for uncertain nonlinear systems with input saturation. <b>2019</b> , 370, 94-103		17
170	Observer-Based Adaptive Neural Control for Non-Triangular Form Systems With Input Saturation and Full State Constraints. <i>IEEE Access</i> , <b>2019</b> , 7, 6072-6083	3.5	5
169	State observer-based adaptive neural dynamic surface control for a class of uncertain nonlinear systems with input saturation using disturbance observer. <b>2019</b> , 31, 4993-5004		11
168	Artificial potential field based robust adaptive control for spacecraft rendezvous and docking under motion constraint. <b>2019</b> , 95, 173-184		12
167	Modular neural dynamic surface control for position tracking of permanent magnet synchronous motor subject to unknown uncertainties. <b>2019</b> , 360, 163-171		4
166	Predictor-based optimal robust guaranteed cost control for uncertain nonlinear systems with completely tracking errors constraint. <i>Journal of the Franklin Institute</i> , <b>2019</b> , 356, 6817-6841	4	1
165	Time-varying Barrier Lyapunov Function Based Adaptive Neural Controller Design for Nonlinear Pure-feedback Systems with Unknown Hysteresis. <i>International Journal of Control, Automation and Systems</i> , <b>2019</b> , 17, 1642-1654	2.9	25
164	Composite learning adaptive backstepping control using neural networks with compact supports. <b>2019</b> , 33, 1726-1738		5
163	Adaptive output-feedback finite-time stabilisation of stochastic non-linear systems with application to a two-stage chemical reactor. <i>IET Control Theory and Applications</i> , <b>2019</b> , 13, 534-542	2.5	7
162	Adaptive Neural Funnel Control for Nonlinear Two-Inertia Servo Mechanisms With Backlash. <i>IEEE Access</i> , <b>2019</b> , 7, 33338-33345	3.5	4
161	Neural dynamic sliding mode control of nonlinear systems with both matched and mismatched uncertainties. <i>Journal of the Franklin Institute</i> , <b>2019</b> , 356, 4577-4600	4	7
160	Neural Network-Based Cooperative Identification for a Class of Unknown Nonlinear Systems via Event-Triggered Communication. <b>2019</b> , 1-10		0
159	An improved design strategy for approximation-based adaptive event-triggered tracking of a class of uncertain nonlinear systems. <i>Journal of the Franklin Institute</i> , <b>2019</b> , 356, 4378-4396	4	7
158	A Fuzzy Adaptive Tracking Control for MIMO Switched Uncertain Nonlinear Systems in Strict-Feedback Form. <b>2019</b> , 27, 2443-2452		23

157	Accelerated Gravitational Point Set Alignment With Altered Physical Laws. <b>2019,</b>	6
156	. <b>2019,</b>	
155	Invisible and Cost-Effective Sensors with a Network Robot for an IoT House for Tourists. <b>2019,</b>	
154	Current Full Digital Phased-Array Radar developments for Naval applications. <b>2019,</b>	0
153	Modeling of Ship Maintenance System Based on Arena. <b>2019,</b>	
152	A Modified Shuffling Method to Split the Critical Path Delay in Layered Decoding of QC-LDPC Codes. <b>2019,</b>	2
151	Improved Fault Detection and Location Scheme for Photovoltaic System. <b>2019,</b>	2
150	Secure Estimation under Causative Attacks. <b>2019,</b>	1
149	Comparison of Imputation Methods for Race and Ethnic Information in Administrative Health Data. <b>2019,</b>	1
148	Frequency Capture Phenomenon in a Mechanical Vibration Model. <b>2019,</b>	
147	Advanced Multilevel Converters with DC Capacitors: Topology, Modulation, Voltage Balancing, and Control Strategies. <b>2019,</b>	
146	. <b>2019,</b>	1
145	Vegetation and Water Variation of Ejin Banner Oasis: New Insights Into the Expansion of the Badain Jaran Desert. <b>2019,</b>	
144	Recursive Subspace identification for time-varying continuous-time stochastic systems via distribution theory. <b>2019,</b>	0
143	Power Factor Correction in Brushless DC Motor Dual Drive Using Bridgeless Canonical Switching Cell Converter. <b>2019,</b>	1
142	Design and Implementation of Disc Cutter Changing Robot for Tunnel Boring Machine (TBM). <b>2019,</b>	2
141	. <b>2019,</b>	
140	Influence of inter-turn short-circuit fault on the loss of high speed permanent magnet generator with Gramme ring windings. <b>2019,</b> 12, 1256-1262	2

139	Real-Time Mixed Reality Rendering for Underwater 360° Videos. <b>2019,</b>	3
138	High speed wireless communication system at W-band. <b>2019,</b>	1
137	Improved grey wolf optimization based on the Quantum-behaved mechanism. <b>2019,</b>	2
136	Design and Practical Implementation of Two-Port Network Analyzer for Microwave Measurement from 200 MHz to 2.7 GHz. <b>2019,</b>	
135	How Robust is Your Automatic Diagnosis Model?. <b>2019,</b>	
134	Recovery of High-Level Intermediate Representations of Algorithms from Binary Code. <b>2019,</b>	
133	Zero-Loss Optical Switch Based on Ionic Liquid Microdroplet Ewod Actuat. <b>2019,</b>	
132	On the use of Convex Optimization for Array Synthesis Problems. <b>2019,</b>	
131	Simulation Analysis of Electromagnetic Vibration of Rotor Compressor Motor Based on Modal Superposition Method. <b>2019,</b>	
130	. <b>2019,</b>	2
129	A Study on Machine Learning-Based Image Identification Towards Assitive Automation of Commentary on Animation Characters. <b>2019,</b>	
128	LSTA: Long Short-Term Attention for Egocentric Action Recognition. <b>2019,</b>	47
127	Design and Operation Control of Photovoltaic-Battery-SOFC Hybrid Power Generation System. <b>2019,</b>	
126	Analysis of Energy Efficiency Evaluation Indexes for Energy Internet. <b>2019,</b>	0
125	Persistent Fault Injection in FPGA via BRAM Modification. <b>2019,</b>	1
124	. <b>2019,</b>	116
123	Adaptive Hypersonic Flight Control under Asymmetric AOA Constraint. <b>2019,</b>	
122	Neural Learning Control of Strict-Feedback Systems Using Disturbance Observer. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2019</b> , 30, 1296-1307	10.3 57

121	Finite-Time Adaptive Fuzzy Output Feedback Dynamic Surface Control for MIMO Nonstrict Feedback Systems. <b>2019</b> , 27, 96-110		244
120	On the Crossroad of Artificial Intelligence: A Revisit to Alan Turing and Norbert Wiener. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 3618-3626	10.2	13
119	Fuzzy Adaptive Finite-Time Control Design for Nontriangular Stochastic Nonlinear Systems. <b>2019</b> , 27, 172-184		169
118	Adaptive Finite-Time NN Control for 3-DOF Active Suspension Systems With Displacement Constraints. <i>IEEE Access</i> , <b>2019</b> , 7, 13577-13588	3-5	14
117	Fuzzy Supertwisting Dynamic Surface Control for MIMO Strict-Feedback Nonlinear Dynamic Systems With Supertwisting Nonlinear Disturbance Observer and a New Partial Tracking Error Constraint. <b>2019</b> , 27, 2101-2114		12
116	Neural network-based region reaching formation control for multi-robot systems in obstacle environment. <b>2019</b> , 333, 11-21		13
115	Observer-Based Fuzzy Adaptive Hybrid Control for Nonlinear Systems with Output Constraint. <b>2019</b> , 43, 379-388		1
114	Adaptive fuzzy control for uncertain nonlinear systems. <b>2019</b> , 6, 30-40		20
113	Adaptive neural network control of uncertain robotic manipulators with external disturbance and time-varying output constraints. <b>2019</b> , 323, 108-116		32
112	Barrier Lyapunov Function Based Learning Control of Hypersonic Flight Vehicle With AOA Constraint and Actuator Faults. <i>IEEE Transactions on Cybernetics</i> , <b>2019</b> , 49, 1047-1057	10.2	105
111	. <b>2019</b> , 49, 1027-1038		23
110	An Adaptive Neural Network Controller for Active Suspension Systems With Hydraulic Actuator. <b>2020</b> , 50, 5351-5360		36
109	Neural Network-Based Distributed Cooperative Learning Control for Multiagent Systems via Event-Triggered Communication. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 407-419	10.3	20
108	Global Fuzzy Adaptive Consensus Control of Unknown Nonlinear Multiagent Systems. <b>2020</b> , 28, 510-522		32
107	Source Exploration for an Under-Actuated System: A Control-Theoretic Paradigm. <b>2020</b> , 28, 1100-1107		9
106	Adaptive Composite Fuzzy Dynamic Surface Control for Electro-Hydraulic-System, with Variable-Supply-Pressure. <b>2020</b> , 22, 521-535		4
105	Composite Neural Learning-Based Nonsingular Terminal Sliding Mode Control of MEMS Gyroscopes. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 1375-1386	10.3	37
104	Adaptive Neural Output-Feedback Decentralized Control for Large-Scale Nonlinear Systems With Stochastic Disturbances. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2020</b> , 31, 972-983	10.3	116

103	Finite-Time Adaptive Quantized Control of Stochastic Nonlinear Systems With Input Quantization: A Broad Learning System Based Identification Method. <b>2020</b> , 67, 8555-8565		37
102	Adaptive approximation-based design mechanism for non-strict-feedback nonlinear MIMO systems with application to continuous stirred tank reactor. <b>2020</b> , 100, 92-102		8
101	Adaptive dynamic surface control of nonaffine nonlinear system with time-varying state constraints. <b>2020</b> , 30, 926-949		3
100	Observer-based adaptive tracking control of underactuated autonomous marine vehicle with uncertainty dynamic. <b>2020</b> , 104, 102364		9
99	Adaptive Neural Network Finite-Time Dynamic Surface Control for Nonlinear Systems. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , 32, 5688-5697	10.3	6
98	Robust trajectory tracking control for underactuated autonomous surface vessels with uncertainty dynamics and unavailable velocities. <i>Ocean Engineering</i> , <b>2020</b> , 218, 108099	3.9	8
97	Approximation-Based Event-Triggered Control Against Unknown Injection Data in Full States and Actuator of Uncertain Lower-Triangular Nonlinear Systems. <i>IEEE Access</i> , <b>2020</b> , 8, 101747-101757	3.5	3
96	Event-Triggered Composite Adaptive Fuzzy Output-Feedback Control for Path Following of Autonomous Surface Vessels. <b>2020</b> , 1-1		13
95	IEEE Engineering in Medicine and Biology Society. <b>2020</b> , 67, C2-C2		
94	ICPC2T 2020 Author Index. <b>2020</b> ,		
93	Hybrid threshold strategy-based adaptive tracking control for nonlinear stochastic systems with full-state constraints. <b>2020</b> , 30, 6189-6206		2
92	Adaptive dynamic surface control of nonlinear systems with dead zone. <b>2020</b> ,		
91	Output-Feedback Flocking Control of Multiple Autonomous Surface Vehicles Based on Data-Driven Adaptive Extended State Observers. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , 51, 4611-4622	10.2	31
90	An Implicit Function-Based Adaptive Control Scheme for Noncanonical-Form Discrete-Time Neural-Network Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> ,	10.2	
89	Event-triggered composite adaptive fuzzy control of sailboat with heeling constraint. <i>Ocean Engineering</i> , <b>2020</b> , 211, 107627	3.9	13
88	Studying the effect of the pre-stimulation paradigm on steady-state visual evoked potentials with dynamic models based on the zero-pole analytical method. <b>2020</b> , 25, 435-446		3
87	Electrode Configurations for Piezoelectric Tube Actuators With Improved Scan Range and Reduced Cross-Coupling. <b>2020</b> , 25, 1479-1486		11
86	Adaptive recursive sliding-mode dynamic surface and its event-triggered control of uncertain non-affine systems. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 3469-3497	4	5



85	Adaptive finite-time fuzzy control for nonlinear systems with input quantization and unknown time delays. <i>Journal of the Franklin Institute</i> , <b>2020</b> , 357, 7718-7742	4	4
84	Adaptive Fuzzy Decentralized Control for Nonstrict Feedback Nonlinear Systems With Unmodeled Dynamics. <b>2020</b> , 1-12		5
83	Neural network adaptive position tracking control of underactuated autonomous surface vehicle. <b>2020</b> , 34, 855-865		8
82	Learning to Decode Polar Codes With One-Bit Quantizer. <i>IEEE Access</i> , <b>2020</b> , 8, 27210-27217	3.5	1
81	Multiwinding Flyback Clamp Snubber for 10 kV IGCT With Reduced Voltage Stress on Clamp Recovery Diodes. <b>2020</b> , 56, 2729-2740		3
80	On the Convergence of Bregman ADMM With Variational Inequality. <i>IEEE Access</i> , <b>2020</b> , 8, 29608-29615	3.5	
79	. <b>2020</b> , 19, 3405-3420		8
78	On performance recovery of robust dynamic surface control. <b>2020</b> , 30, 3094-3109		2
77	Recurrent fuzzy wavelet neural network variable impedance control of robotic manipulators with fuzzy gain dynamic surface in an unknown varied environment. <b>2021</b> , 416, 1-26		4
76	Fuzzy Finite-Time Tracking Control for a Class of Nonaffine Nonlinear Systems With Unknown Dead Zones. <b>2021</b> , 51, 452-463		10
75	Adaptive NN Cross Backstepping Control for Nonlinear Systems With Partial Time-Varying State Constraints and Its Applications to Hyper-Chaotic Systems. <b>2021</b> , 51, 2821-2832		2
74	Neural Adaptive Dynamic Surface Asymptotic Tracking Control for a Class of Uncertain Nonlinear System. <b>2021</b> , 40, 1673-1698		4
73	Adaptive NN control for nonlinear systems with uncertainty based on dynamic surface control. <b>2021</b> , 421, 161-172		8
72	An active disturbance rejection control for hysteresis compensation based on Neural Networks adaptive control. <b>2021</b> , 109, 81-88		7
71	Compound learning tracking control of a switched fully-submerged hydrofoil craft. <i>Ocean Engineering</i> , <b>2021</b> , 219, 108260	3.9	1
70	Guaranteeing performance for uncertain nonlinear systems with bounded state constraint and mismatching condition. <b>2021</b> , 23, 548-560		1
69	Unknown Dynamics Estimator-Based Output-Feedback Control for Nonlinear Pure-Feedback Systems. <b>2021</b> , 51, 3832-3843		14
68	Composite Adaptive Fuzzy Finite-Time Quantized Control for Full State-Constrained Nonlinear Systems and Its Application. <b>2021</b> , 1-12		4

67	Composite Learning Control of Overactuated Manned Submersible Vehicle With Disturbance/Uncertainty and Measurement Noise. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , 32, 5575-5583	10.3	1
66	Observer-Based NN Control for Nonlinear Systems With Full-State Constraints and External Disturbances. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , PP,	10.3	4
65	Robust Composite Adaptive Control of Linearisable Systems With Improved Performance. <i>IEEE Access</i> , <b>2021</b> , 9, 88037-88047	3.5	1
64	Composite adaptive fuzzy decentralized tracking control for pure-feedback interconnected large-scale nonlinear systems. <b>2021</b> , 33, 8735		2
63	Event-Triggered Adaptive Control of Uncertain Nonlinear Systems With Composite Condition. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2021</b> , PP,	10.3	
62	Adaptive Neural Control of a Class of Uncertain State and Input-Delayed Systems With Input Magnitude and Rate Constraints. <b>2021</b> , 1-15		1
61	Neural network-based fuzzy vibration controller for offshore platform with random time delay. <i>Ocean Engineering</i> , <b>2021</b> , 225, 108733	3.9	3
60	Fixed-time adaptive fuzzy control for a class of non-strict-feedback uncertain non-linear systems. <i>Transactions of the Institute of Measurement and Control</i> , <b>2021</b> , 43, 3093-3102	1.8	1
59	Composite learning adaptive dynamic surface control for uncertain nonlinear strict-feedback systems with fixed-time parameter estimation under sufficient excitation. <b>2021</b> , 31, 5865-5889		2
58	Composite Learning Prescribed Performance Control of Nonlinear Systems. <b>2021</b> , 2021, 1-10		1
57	Event-triggered compound learning tracking control of autonomous surface vessels in the measurement network. <i>Ocean Engineering</i> , <b>2021</b> , 228, 108817	3.9	7
56	Finite-Time Composite Adaptive Fuzzy Control of Permanent Magnet Synchronous Motors. 1		1
55	Composite learning tracking control for underactuated autonomous underwater vehicle with unknown dynamics and disturbances in three-dimension space. <b>2021</b> , 112, 102686		4
54	Implicit function based adaptive control of non-canonical form discrete-time nonlinear systems. <i>Automatica</i> , <b>2021</b> , 129, 109629	5.7	2
53	Fixed-time composite neural learning control of state-constrained nonlinear uncertain systems. <i>Journal of the Franklin Institute</i> , <b>2021</b> , 358, 8138-8138	4	2
52	Improved composite adaptive fault-tolerant control for dynamic positioning vehicle subject to the dead-zone nonlinearity. <i>IET Control Theory and Applications</i> , <b>2021</b> , 15, 2067-2080	2.5	0
51	Adaptive Neural Asymptotic Tracking Control for a Class of Stochastic Non-strict-feedback Switched Systems. <i>Journal of the Franklin Institute</i> , <b>2021</b> , 359, 1274-1274	4	0
50	Finite-Time Command-Filtered Composite Adaptive Neural Control of Uncertain Nonlinear Systems. <i>IEEE Transactions on Cybernetics</i> , <b>2020</b> , PP,	10.2	2

49	Adaptive containment control for nonlinear strict-feedback multi-agent systems with dynamic leaders. <i>International Journal of Control</i> , 1-10	1.5	2
48	A Kernel-Based Sarsa( $\lambda$ ) Algorithm with Clustering-Based Sample Sparsification. <i>Lecture Notes in Computer Science</i> , <b>2016</b> , 211-220	0.9	1
47	Predictor-Based Neural Dynamic Surface Control for Uncertain Nonlinear Systems in Strict-Feedback Form. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , <b>2017</b> , 28, 2156-2167	10.3	117
46	Further results on output-feedback stabilization of stochastic upper-triangular systems with state and input time-delays. <i>Transactions of the Institute of Measurement and Control</i> , <b>2018</b> , 40, 2408-2415	1.8	2
45	Global fuzzy adaptive asymptotic tracking control for nonlinear reaction-diffusion equations with time-varying coefficients. <i>Journal of the Franklin Institute</i> , <b>2021</b> , 358, 9199-9220	4	0
44	Event-triggered compound learning tracking control of nonstrict-feedback nonlinear systems in sensor-to-controller channel. <i>Nonlinear Dynamics</i> , <b>2021</b> , 106, 2259	5	0
43	Composite Learning Control of Hypersonic Flight Dynamics Without Back-Stepping. <i>Lecture Notes in Computer Science</i> , <b>2017</b> , 212-218	0.9	0
42	Robust Adaptive Neural Fault-Tolerant Control of Hypersonic Flight Vehicle. <i>Communications in Computer and Information Science</i> , <b>2017</b> , 44-51	0.3	
41	Modeling and Dynamic Surface Control of Uncertain Strict-Feedback Nonlinear Systems Using Adaptive Fuzzy Wavelet Network. <i>Advances in Computer and Electrical Engineering Book Series</i> , <b>2018</b> , 112-133	0.3	
40	Consensus control protocol for stochastic multiagents with predictors. <i>Soft Computing</i> , 1	3.5	
39	Finite-time adaptive neural dynamic surface control for non-linear systems with unknown dead zone. <i>IET Control Theory and Applications</i> , <b>2021</b> , 15, 40-50	2.5	0
38	Adaptive Control of Uncertain Nonlinear Systems via Event-Triggered Communication and NN Learning. <i>IEEE Transactions on Cybernetics</i> , <b>2021</b> , PP,	10.2	0
37	Introduction. <i>Studies in Systems, Decision and Control</i> , <b>2021</b> , 1-30	0.8	
36	Finite-time tracking control for nonstrict-feedback nonlinear systems with unknown time delays and input saturation. <i>Transactions of the Institute of Measurement and Control</i> , 014233122110583	1.8	0
35	Event-Triggered Composite Learning Finite-Time Trajectory Tracking Control for Underactuated MSVs Subject to Uncertainties. <i>IEEE Access</i> , <b>2022</b> , 10, 14440-14449	3.5	1
34	Quantized Consensus Control for Multi-UAVs Based on Prescribed Performance. <i>International Journal of Control, Automation and Systems</i> , <b>2022</b> , 20, 321-333	2.9	0
33	Command-filtered compound FAT learning control of fractional-order nonlinear systems with input delay and external disturbances. <i>Nonlinear Dynamics</i> , <b>2022</b> , 108, 293	5	2
32	A Review of End-Effector Research Based on Compliance Control. <i>Machines</i> , <b>2022</b> , 10, 100	2.9	3

31	Composite neural learning event-triggered control for dynamic positioning vehicles with the fault compensation mechanism. <i>Ocean Engineering</i> , <b>2022</b> , 252, 111108	3.9	○
30	Neural Network-Based Sliding Mode Control for Satellite Attitude Tracking. <i>Advances in Space Research</i> , <b>2022</b> ,	2.4	
29	Neural network-based flight control systems: Present and future. <i>Annual Reviews in Control</i> , <b>2022</b> ,	10.3	○
28	Safe cooperative path following with relative-angle-based collision avoidance for multiple underactuated autonomous surface vehicles. <i>Ocean Engineering</i> , <b>2022</b> , 258, 111670	3.9	○
27	Resilient anti-disturbance dynamic surface control of uncertain strict-feedback systems subject to partial loss of actuator effectiveness.		
26	Adaptive neural output feedback control of automobile PEM fuel cell air-supply system with prescribed performance.		
25	Predefined-time control for Euler-Lagrange systems with model uncertainties and actuator faults.		○
24	Composite adaptive neural tracking control of uncertain strict-feedback systems.		○
23	Finite time adaptive filter control of nonlinear systems with actuator faults and state constraints.		○
22	Stochastic Adaptive Control for a Kind of Fixed-Wing UAV with State Constraints. <b>2022</b> ,		○
21	Observer-based asynchronous self-triggered control for a dynamic positioning ship with the hysteresis input. <b>2022</b> , 65,		○
20	Low-complexity observer-based output-feedback tracking control for a class of nonlinear lower-triangular systems. 014233122211247		○
19	Online recorded data-based finite-time composite neural trajectory tracking control for underactuated MSVs. 16,		○
18	Dynamic Event-Triggered Adaptive Neural Output Feedback Control for MSVs Using Composite Learning. <b>2022</b> , 1-14		○
17	Composite fuzzy voltage-based command-filtered learning control of electrically-driven robots with input delay using disturbance observer. <b>2023</b> , 360, 813-840		○
16	Adaptive NN control of integrated guidance and control systems based on disturbance observer. <b>2023</b> , 360, 65-86		○
15	Observer-Based Dynamic Event-Triggered Control for Multiagent Systems With Time-Varying Delay. <b>2022</b> , 1-12		1
14	Neural learning control of missile interception against dynamics uncertainty and target evasive maneuver.		○

13	Output feedback neural adaptive control design for nonlinear time-delay systems. 1-16	0
12	Historical Data-Driven Composite Learning Adaptive Fuzzy Control of Fractional-Order Nonlinear Systems.	0
11	Model-based Deep Reinforcement Learning for Data-driven Motion Control of an Under-actuated Unmanned Surface Vehicle: Path Following and Trajectory Tracking. <b>2022</b> ,	0
10	Adaptive full-state constrained tracking control for mobile robotic system with unknown dead-zone input. <b>2023</b> , 524, 31-42	1
9	An Improved DSC Scheme for Strict Feedback Nonlinear Systems with Unknown Control Gains. <b>2022</b> ,	0
8	Adaptive tracking control for a class of nonlinear systems with input dead-zone and actuator failure.	0
7	Barrier Lyapunov function-based adaptive neural control for hypersonic vehicle with full state constraints.	0
6	Disturbance observer-based adaptive neural guidance and control of an aircraft using composite learning. <b>2023</b> , 134, 105463	0
5	Dynamic event-triggered control for MSVs via composite-learning-based adaptive neural approach. <b>2023</b> , 278, 114312	0
4	Adaptive robust maneuvering control for nonlinear systems via dynamic surface technique. <b>2023</b> , 111, 8369-8381	0
3	Compound Adaptive Fuzzy Output Feedback Control for Uncertain Fractional-Order Nonlinear Systems with Fuzzy Dead-Zone Input.	0
2	Global fuzzy adaptive asymptotic tracking control for unknown semi-linear parabolic distributed parameter systems. <b>2023</b> ,	0
1	Event-triggered finite-time control for a constrained robotic manipulator with flexible joints.	0