

Dan Wang

List of Publications by Year in descending order

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273
papers

9,910
citations

50276

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275
docs citations

275
times ranked

3511
citing authors

#	ARTICLE	IF	CITATIONS
1	Neural Network-Based Adaptive Dynamic Surface Control for a Class of Uncertain Nonlinear Systems in Strict-Feedback Form. IEEE Transactions on Neural Networks, 2005, 16, 195-202.	4.2	1,092
2	A DSC Approach to Robust Adaptive NN Tracking Control for Strict-Feedback Nonlinear Systems. IEEE Transactions on Systems, Man, and Cybernetics, 2010, 40, 915-927.	5.0	469
3	Adaptive Dynamic Surface Control for Formations of Autonomous Surface Vehicles With Uncertain Dynamics. IEEE Transactions on Control Systems Technology, 2013, 21, 513-520.	5.2	425
4	Adaptive neural network control for a class of uncertain nonlinear systems in pure-feedback form. Automatica, 2002, 38, 1365-1372.	5.0	389
5	An Overview of Recent Advances in Coordinated Control of Multiple Autonomous Surface Vehicles. IEEE Transactions on Industrial Informatics, 2021, 17, 732-745.	11.3	306
6	Distributed Maneuvering of Autonomous Surface Vehicles Based on Neurodynamic Optimization and Fuzzy Approximation. IEEE Transactions on Control Systems Technology, 2018, 26, 1083-1090.	5.2	291
7	Distributed Containment Maneuvering of Multiple Marine Vessels via Neurodynamics-Based Output Feedback. IEEE Transactions on Industrial Electronics, 2017, 64, 3831-3839.	7.9	269
8	Adaptive Neural Output Feedback Controller Design With Reduced-Order Observer for a Class of Uncertain Nonlinear SISO Systems. IEEE Transactions on Neural Networks, 2011, 22, 1328-1334.	4.2	248
9	Distributed Neural Network Control for Adaptive Synchronization of Uncertain Dynamical Multiagent Systems. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 1508-1519.	11.3	243
10	ESO-Based Line-of-Sight Guidance Law for Path Following of Underactuated Marine Surface Vehicles With Exact Sideslip Compensation. IEEE Journal of Oceanic Engineering, 2017, 42, 477-487.	3.8	233
11	Output-Feedback Cooperative Formation Maneuvering of Autonomous Surface Vehicles With Connectivity Preservation and Collision Avoidance. IEEE Transactions on Cybernetics, 2020, 50, 2527-2535.	9.5	215
12	Output-Feedback Adaptive Neural Control for Stochastic Nonlinear Time-Varying Delay Systems With Unknown Control Directions. IEEE Transactions on Neural Networks and Learning Systems, 2015, 26, 1188-1201.	11.3	213
13	Prescribed Performance Consensus of Uncertain Nonlinear Strict-Feedback Systems With Unknown Control Directions. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2016, 46, 1279-1286.	9.3	200
14	Neural network-based adaptive dynamic surface control of uncertain nonlinear pure-feedback systems. International Journal of Robust and Nonlinear Control, 2011, 21, 527-541.	3.7	183
15	Containment control of networked autonomous underwater vehicles with model uncertainty and ocean disturbances guided by multiple leaders. Information Sciences, 2015, 316, 163-179.	6.9	180
16	Predictor-Based Neural Dynamic Surface Control for Uncertain Nonlinear Systems in Strict-Feedback Form. IEEE Transactions on Neural Networks and Learning Systems, 2017, 28, 2156-2167.	11.3	176
17	Containment Maneuvering of Marine Surface Vehicles With Multiple Parameterized Paths via Spatial-Temporal Decoupling. IEEE/ASME Transactions on Mechatronics, 2017, 22, 1026-1036.	5.8	175
18	Robust adaptive formation control of underactuated autonomous surface vehicles with uncertain dynamics. IET Control Theory and Applications, 2011, 5, 1378-1387.	2.1	146

#	ARTICLE	IF	CITATIONS
19	Bounded Neural Network Control for Target Tracking of Underactuated Autonomous Surface Vehicles in the Presence of Uncertain Target Dynamics. IEEE Transactions on Neural Networks and Learning Systems, 2019, 30, 1241-1249.	11.3	142
20	Modular Adaptive Control for LOS-Based Cooperative Path Maneuvering of Multiple Underactuated Autonomous Surface Vehicles. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2017, 47, 1613-1624.	9.3	128
21	Predictor-based LOS guidance law for path following of underactuated marine surface vehicles with sideslip compensation. Ocean Engineering, 2016, 124, 340-348.	4.3	125
22	Cooperative Path Following Ring-Networked Under-Actuated Autonomous Surface Vehicles: Algorithms and Experimental Results. IEEE Transactions on Cybernetics, 2020, 50, 1519-1529.	9.5	124
23	Adaptive unknown input observer approach for aircraft actuator fault detection and isolation. International Journal of Adaptive Control and Signal Processing, 2007, 21, 31-48.	4.1	115
24	State recovery and disturbance estimation of unmanned surface vehicles based on nonlinear extended state observers. Ocean Engineering, 2019, 171, 625-632.	4.3	115
25	Cooperative Dynamic Positioning of Multiple Marine Offshore Vessels: A Modular Design. IEEE/ASME Transactions on Mechatronics, 2016, 21, 1210-1221.	5.8	112
26	Observer-Based Finite-Time Control for Distributed Path Maneuvering of Underactuated Unmanned Surface Vehicles With Collision Avoidance and Connectivity Preservation. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 5105-5115.	9.3	89
27	Path following of marine surface vehicles with dynamical uncertainty and time-varying ocean disturbances. Neurocomputing, 2016, 173, 799-808.	5.9	86
28	Leaderless and leader-follower cooperative control of multiple marine surface vehicles with unknown dynamics. Nonlinear Dynamics, 2013, 74, 95-106.	5.2	82
29	Adaptive dynamic surface control for cooperative path following of marine surface vehicles with input saturation. Nonlinear Dynamics, 2014, 77, 107-117.	5.2	81
30	Path-guided time-varying formation control with collision avoidance and connectivity preservation of under-actuated autonomous surface vehicles subject to unknown input gains. Ocean Engineering, 2019, 191, 106501.	4.3	81
31	Event-triggered extended state observers design for dynamic positioning vessels subject to unknown sea loads. Ocean Engineering, 2020, 209, 107242.	4.3	81
32	Neural network based adaptive dynamic surface control for cooperative path following of marine surface vehicles via state and output feedback. Neurocomputing, 2014, 133, 170-178.	5.9	78
33	Distributed model reference adaptive control for cooperative tracking of uncertain dynamical multi-agent systems. IET Control Theory and Applications, 2013, 7, 1079-1087.	2.1	75
34	Distributed Path Following of Multiple Under-Actuated Autonomous Surface Vehicles Based on Data-Driven Neural Predictors via Integral Concurrent Learning. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5334-5344.	11.3	74
35	Distributed containment control for uncertain nonlinear multi-agent systems in non-affine pure-feedback form under switching topologies. Neurocomputing, 2015, 152, 1-10.	5.9	70
36	Line-of-Sight Target Enclosing of an Underactuated Autonomous Surface Vehicle With Experiment Results. IEEE Transactions on Industrial Informatics, 2020, 16, 832-841.	11.3	66

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37	Containment control of networked autonomous underwater vehicles: A predictor-based neural DSC design. <i>ISA Transactions</i> , 2015, 59, 160-171.	5.7	64
38	Distributed containment maneuvering of uncertain under-actuated unmanned surface vehicles guided by multiple virtual leaders with a formation. <i>Ocean Engineering</i> , 2019, 187, 105996.	4.3	61
39	Advances in Line-of-Sight Guidance for Path Following of Autonomous Marine Vehicles: An Overview. <i>IEEE Transactions on Systems, Man, and Cybernetics: Systems</i> , 2023, 53, 12-28.	9.3	61
40	Data-Driven Adaptive Disturbance Observers for Model-Free Trajectory Tracking Control of Maritime Autonomous Surface Ships. <i>IEEE Transactions on Neural Networks and Learning Systems</i> , 2021, 32, 5584-5594.	11.3	56
41	Adaptive dynamic surface control for cooperative path following of underactuated marine surface vehicles via fast learning. <i>IET Control Theory and Applications</i> , 2013, 7, 1888-1898.	2.1	55
42	Coordinated path following of multiple underactuated marine surface vehicles along one curve. <i>ISA Transactions</i> , 2016, 64, 258-268.	5.7	54
43	Disturbance observers and extended state observers for marine vehicles: A survey. <i>Control Engineering Practice</i> , 2022, 123, 105158.	5.5	52
44	A DSC approach to adaptive neural network tracking control for pure-feedback nonlinear systems. <i>Applied Mathematics and Computation</i> , 2013, 219, 6224-6235.	2.2	50
45	Adaptive neural control of nonlinear MIMO systems with unknown time delays. <i>Neurocomputing</i> , 2012, 78, 83-88.	5.9	49
46	Single neural network approximation based adaptive control for a class of uncertain strict-feedback nonlinear systems. <i>Nonlinear Dynamics</i> , 2013, 72, 175-184.	5.2	48
47	Cooperative output feedback adaptive control of uncertain nonlinear multi-agent systems with a dynamic leader. <i>Neurocomputing</i> , 2015, 149, 132-141.	5.9	47
48	Cascade-Free Fuzzy Finite-Control-Set Model Predictive Control for Nested Neutral Point-Clamped Converters With Low Switching Frequency. <i>IEEE Transactions on Control Systems Technology</i> , 2019, 27, 2237-2244.	5.2	46
49	Coordinated target tracking by multiple unmanned surface vehicles with communication delays based on a distributed event-triggered extended state observer. <i>Ocean Engineering</i> , 2021, 227, 108283.	4.3	45
50	Adaptive fuzzy control of uncertain MIMO non-linear systems in block-triangular forms. <i>Nonlinear Dynamics</i> , 2011, 63, 105-123.	5.2	43
51	A Computationally Efficient FCS-MPC Method Without Weighting Factors for NNPCs With Optimal Duty Cycle Control. <i>IEEE/ASME Transactions on Mechatronics</i> , 2018, 23, 2503-2514.	5.8	42
52	Neural-network-based simple adaptive control of uncertain multi-input multi-output non-linear systems. <i>IET Control Theory and Applications</i> , 2010, 4, 1543-1557.	2.1	40
53	Distributed coordinated tracking of multiple autonomous underwater vehicles. <i>Nonlinear Dynamics</i> , 2014, 78, 1261-1276.	5.2	40
54	Consensus Maneuvering for a Class of Nonlinear Multivehicle Systems in Strict-Feedback Form. <i>IEEE Transactions on Cybernetics</i> , 2019, 49, 1759-1767.	9.5	40

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55	Adaptive bounded neural network control for coordinated path-following of networked underactuated autonomous surface vehicles under time-varying state-dependent cyber-attack. ISA Transactions, 2020, 104, 212-221.	5.7	40
56	Adaptive control based on single neural network approximation for non-linear pure-feedback systems. IET Control Theory and Applications, 2012, 6, 2387-2396.	2.1	39
57	Adaptive Fuzzy Containment Control of Nonlinear Systems With Unmeasurable States. IEEE Transactions on Cybernetics, 2019, 49, 961-973.	9.5	38
58	Algorithms and Experiments on Flocking of Multiagents in a Bounded Space. IEEE Transactions on Control Systems Technology, 2014, 22, 1544-1549.	5.2	36
59	Neural adaptive steering of an unmanned surface vehicle with measurement noises. Neurocomputing, 2016, 186, 228-234.	5.9	36
60	Fault-tolerant containment control of uncertain nonlinear systems in strict-feedback form. International Journal of Robust and Nonlinear Control, 2017, 27, 497-511.	3.7	36
61	Extended-state-observer-based distributed model predictive formation control of under-actuated unmanned surface vehicles with collision avoidance. Ocean Engineering, 2021, 238, 109587.	4.3	36
62	Safety-Critical Containment Maneuvering of Underactuated Autonomous Surface Vehicles Based on Neurodynamic Optimization With Control Barrier Functions. IEEE Transactions on Neural Networks and Learning Systems, 2023, 34, 2882-2895.	11.3	35
63	Predictor-Based Neural Network Finite-Set Predictive Control for Modular Multilevel Converter. IEEE Transactions on Industrial Electronics, 2021, 68, 11621-11627.	7.9	35
64	Finite-Level-State Model Predictive Control for Sensorless Three-Phase Four-Arm Modular Multilevel Converter. IEEE Transactions on Power Electronics, 2020, 35, 4462-4466.	7.9	34
65	Cooperative Target Enclosing of Ring-Networked Underactuated Autonomous Surface Vehicles Based on Data-Driven Fuzzy Predictors and Extended State Observers. IEEE Transactions on Fuzzy Systems, 2022, 30, 2515-2528.	9.8	34
66	Distributed Containment Maneuvering of Uncertain Multiagent Systems in MIMO Strict-Feedback Form. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1354-1364.	9.3	33
67	A neural network-based approximation method for discrete-time nonlinear servomechanism problem. IEEE Transactions on Neural Networks, 2001, 12, 591-597.	4.2	32
68	Cooperative Adaptive Fuzzy Output Feedback Control for Synchronization of Nonlinear Multi-Agent Systems in the Presence of Input Saturation. Asian Journal of Control, 2016, 18, 619-630.	3.0	32
69	Anti-disturbance Coordinated Path-following Control of Robotic Autonomous Surface Vehicles: Theory and Experiment. IEEE/ASME Transactions on Mechatronics, 2019, , 1-1.	5.8	32
70	Model-Free Containment Control of Underactuated Surface Vessels Under Switching Topologies Based on Guiding Vector Fields and Data-Driven Neural Predictors. IEEE Transactions on Cybernetics, 2022, 52, 10843-10854.	9.5	32
71	Cooperative fuzzy adaptive output feedback control for synchronisation of nonlinear multi-agent systems under directed graphs. International Journal of Systems Science, 2015, 46, 2982-2995.	5.5	30
72	Improved finite-control-set model predictive control for active front-end rectifiers with simplified computational approach and on-line parameter identification. ISA Transactions, 2017, 69, 51-64.	5.7	30

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73	Path-Guided Containment Maneuvering of Mobile Robots: Theory and Experiments. IEEE Transactions on Industrial Electronics, 2021, 68, 7178-7187.	7.9	30
74	Network-Based Line-of-Sight Path Tracking of Underactuated Unmanned Surface Vehicles With Experiment Results. IEEE Transactions on Cybernetics, 2022, 52, 10937-10947.	9.5	30
75	Predictor-based adaptive dynamic surface control for consensus of uncertain nonlinear systems in strict-feedback form. International Journal of Adaptive Control and Signal Processing, 2017, 31, 68-82.	4.1	29
76	Distributed robust state and output feedback controller designs for rendezvous of networked autonomous surface vehicles using neural networks. Neurocomputing, 2013, 115, 130-141.	5.9	27
77	Direct and composite iterative neural control for cooperative dynamic positioning of marine surface vessels. Nonlinear Dynamics, 2015, 81, 1315-1328.	5.2	27
78	Saturated coordinated control of multiple underactuated unmanned surface vehicles over a closed curve. Science China Information Sciences, 2017, 60, 1.	4.3	27
79	Event-Triggered Cooperative Path Following of Autonomous Surface Vehicles Over Wireless Network With Experiment Results. IEEE Transactions on Industrial Electronics, 2022, 69, 11479-11489.	7.9	27
80	Fixed-Time Resilient Edge-Triggered Estimation and Control of Surface Vehicles for Cooperative Target Tracking Under Attacks. IEEE Transactions on Intelligent Vehicles, 2023, 8, 547-556.	12.7	27
81	Neural network-based robust adaptive control of nonlinear systems with unmodeled dynamics. Mathematics and Computers in Simulation, 2009, 79, 1745-1753.	4.4	26
82	An improved finite control-set model predictive control for nested neutral point-clamped converters under both balanced and unbalanced grid conditions. International Journal of Electrical Power and Energy Systems, 2019, 104, 910-923.	5.5	26
83	Coordinated formation pattern control of multiple marine surface vehicles with model uncertainty and time-varying ocean currents. Neural Computing and Applications, 2014, 25, 1771-1783.	5.6	25
84	Wavelet functional principal component analysis for batch process monitoring. Chemometrics and Intelligent Laboratory Systems, 2020, 196, 103897.	3.5	25
85	Robust adaptive neural control of uncertain pure-feedback nonlinear systems. International Journal of Control, 2013, 86, 912-922.	1.9	24
86	Event-Triggered Neural-Predictor-Based FCS-MPC for MMC. IEEE Transactions on Industrial Electronics, 2022, 69, 6433-6440.	7.9	24
87	Robust adaptive neural network control of a class of uncertain strict-feedback nonlinear systems with unknown dead-zone and disturbances. Neurocomputing, 2014, 145, 221-229.	5.9	23
88	Event-triggered distributed coordinated control of networked autonomous surface vehicles subject to fully unknown kinetics via concurrent-learning-based neural predictor. Ocean Engineering, 2021, 234, 108966.	4.3	21
89	A General Safety-Certified Cooperative Control Architecture for Interconnected Intelligent Surface Vehicles With Applications to Vessel Train. IEEE Transactions on Intelligent Vehicles, 2022, 7, 627-637.	12.7	21
90	Adaptive neural control for cooperative path following of marine surface vehicles: state and output feedback. International Journal of Systems Science, 2016, 47, 343-359.	5.5	20

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91	A Fast Finite-Level-State Model Predictive Control Strategy for Sensorless Modular Multilevel Converter. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2021, 9, 3570-3581.	5.4	20
92	Robust leader-follower formation tracking control of multiple underactuated surface vessels. China Ocean Engineering, 2012, 26, 521-534.	1.6	19
93	Data-Driven Neural Predictors-Based Robust MPC for Power Converters. IEEE Transactions on Power Electronics, 2022, 37, 11650-11661.	7.9	19
94	Predictor-based neural dynamic surface control for distributed formation tracking of multiple marine surface vehicles with improved transient performance. Science China Information Sciences, 2016, 59, 1.	4.3	18
95	Event-triggered ISS-modular neural network control for containment maneuvering of nonlinear strict-feedback multi-agent systems. Neurocomputing, 2020, 377, 314-324.	5.9	18
96	Data-driven adaptive extended state observer design for autonomous surface vehicles with unknown input gains based on concurrent learning. Neurocomputing, 2022, 467, 337-347.	5.9	18
97	Structural design of composite nonlinear feedback control for linear systems with actuator constraint. Asian Journal of Control, 2010, 12, 616-625.	3.0	17
98	Neural adaptive control for leader-follower flocking of networked nonholonomic agents with unknown nonlinear dynamics. International Journal of Adaptive Control and Signal Processing, 2014, 28, 479-495.	4.1	16
99	Distributed cooperative stabilisation of continuous-time uncertain nonlinear multi-agent systems. International Journal of Systems Science, 2014, 45, 2031-2041.	5.5	16
100	A Multi-Layer Sequential Model Predictive Control of Three-Phase Two-Leg Seven-Level T-Type Nested Neutral Point Clamped Converter Without Weighting Factors. IEEE Access, 2019, 7, 162735-162746.	4.2	16
101	Adaptive Decentralized $\langle scp \rangle NN \langle /scp \rangle$ Control of Nonlinear Interconnected Time-Delay Systems with Input Saturation. Asian Journal of Control, 2013, 15, 533-542.	3.0	15
102	Cooperative tracking and estimation of linear multi-agent systems with a dynamic leader via iterative learning. International Journal of Control, 2014, 87, 1163-1171.	1.9	15
103	Event-triggered control for containment maneuvering of second-order MIMO multi-agent systems with unmatched uncertainties and disturbances. Chinese Journal of Aeronautics, 2020, 33, 2959-2971.	5.3	15
104	Nonlinear observer design for a robotic unmanned surface vehicle with experiment results. Applied Ocean Research, 2020, 95, 102028.	4.1	15
105	Monitoring Framework Based on Generalized Tensor PCA for Three-Dimensional Batch Process Data. Industrial & Engineering Chemistry Research, 2020, 59, 10493-10508.	3.7	15
106	Neural Predictor-Based Low Switching Frequency FCS-MPC for MMC With Online Weighting Factors Tuning. IEEE Transactions on Power Electronics, 2022, 37, 4065-4079.	7.9	15
107	Anti-disturbance leader-follower synchronization control of marine vessels for underway replenishment based on robust exact differentiators. Ocean Engineering, 2022, 248, 110686.	4.3	15
108	PWM-driven model predictive speed control for an unmanned surface vehicle with unknown propeller dynamics based on parameter identification and neural prediction. Neurocomputing, 2021, 432, 1-9.	5.9	14

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109	Predictive direct power control for three-phase grid-connected converters with online parameter identification. <i>International Transactions on Electrical Energy Systems</i> , 2017, 27, e2240.	1.9	13
110	Extended-State-Observer-Based Collision-Free Guidance Law for Target Tracking of Autonomous Surface Vehicles with Unknown Target Dynamics. <i>Complexity</i> , 2018, 2018, 1-10.	1.6	13
111	Neural Predictor-Based Dynamic Surface Predictive Control for Power Converters. <i>IEEE Transactions on Industrial Electronics</i> , 2023, 70, 1057-1065.	7.9	13
112	Adaptive dynamic surface control for a class of uncertain nonlinear systems in pure-feedback form. , 2009, , .		12
113	Improved super-twisting sliding mode control of a stand-alone DFIG-DC system with harmonic current suppression. <i>IET Power Electronics</i> , 2020, 13, 1311-1320.	2.1	12
114	Distributed Output-Feedback Control of Unmanned Container Transporter Platooning With Uncertainties and Disturbances Using Event-Triggered Mechanism. <i>IEEE Transactions on Vehicular Technology</i> , 2022, 71, 162-170.	6.3	12
115	Online adaptive parameter identification of an unmanned surface vehicle without persistency of excitation. <i>Ocean Engineering</i> , 2022, 250, 110232.	4.3	12
116	Distributed cooperative tracking of uncertain nonlinear multi-agent systems with fast learning. <i>Neurocomputing</i> , 2014, 129, 494-503.	5.9	11
117	Efficient feature extraction framework for EEG signals classification. , 2016, , .		11
118	Lyapunov-based finite control-set model predictive control for nested neutral point-clamped converters without weighting factors. <i>International Journal of Electrical Power and Energy Systems</i> , 2020, 121, 106071.	5.5	11
119	Event-Triggered ESO-Based Robust MPC for Power Converters. <i>IEEE Transactions on Industrial Electronics</i> , 2023, 70, 2144-2152.	7.9	11
120	Safety-Critical Model-Free Control for Multi-Target Tracking of USVs with Collision Avoidance. <i>IEEE/CAA Journal of Automatica Sinica</i> , 2022, 9, 1323-1326.	13.1	11
121	Neural network based adaptive dynamic surface control for nonlinear systems in strict-feedback form. , 0, , .		10
122	Parameter estimation of ARX/NARX model: a neural network based method. , 0, , .		10
123	Development of novel heating tool friction stir spot welding (HT-FSSW) for AZ31 magnesium alloy. <i>Science and Technology of Welding and Joining</i> , 2014, 19, 369-375.	3.1	10
124	An Optimal Voltage-Level Based Model Predictive Control Approach for Four-Level T-Type Nested Neutral Point Clamped Converter With Reduced Calculation Burden. <i>IEEE Access</i> , 2019, 7, 87458-87468.	4.2	10
125	Modular neural dynamic surface control for position tracking of permanent magnet synchronous motor subject to unknown uncertainties. <i>Neurocomputing</i> , 2019, 360, 163-171.	5.9	10
126	Robust precision attitude tracking of an uncertain rigid spacecraft based on regulation theory. <i>International Journal of Robust and Nonlinear Control</i> , 2019, 29, 3666-3683.	3.7	10

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127	Event-triggered neural network control of autonomous surface vehicles over wireless network. Science China Information Sciences, 2020, 63, 1.	4.3	10
128	Cooperative Iterative Learning Control of Linear Multi-agent Systems with a Dynamic Leader under Directed Topologies. Zidonghua Xuebao/Acta Automatica Sinica, 2014, 40, 2595-2601.	1.5	9
129	Model predictive direct power control for modular multilevel converter under unbalanced conditions with power compensation and circulating current reduction. ISA Transactions, 2020, 106, 318-329.	5.7	9
130	Behavior-based mamdani fuzzy controller for mobile robot wall-following. , 2015, , .		8
131	Direct voltage control of stand-alone DFIG under asymmetric loads based on non-singular terminal sliding mode control and improved extended state observer. IET Electric Power Applications, 2019, 13, 958-968.	1.8	8
132	Output-Feedback Control for Cooperative Diving of Saucer-Type Underwater Gliders Based on a Fuzzy Observer and Event-Triggered Communication. IEEE Access, 2019, 7, 50453-50465.	4.2	8
133	Composite Nonlinear Feedback Control for Output Regulation Problem of Linear Systems with Input Saturation. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2011, 44, 1398-1403.	0.4	7
134	The effect of small impedance branches on the convergence of the Newton Raphson power flow. , 2008, , .		6
135	ESO-based line-of-sight guidance law for straight line path following with exact sideslip compensation. , 2016, , .		6
136	Adaptive Cooperative Diving of Saucer-Type Underwater Gliders Subject to Model Uncertainties and Input Constraints. IEEE Access, 2019, 7, 60042-60054.	4.2	6
137	Distributed optimization for coordinated dynamic positioning of multiple surface vessels based on asymptotically stable ESOs. Ocean Engineering, 2022, 246, 110507.	4.3	6
138	Neural Network Based Adaptive Dynamic Surface Control for Omnidirectional Mobile Robots Tracking Control with Full-state Constraints and Input Saturation. International Journal of Control, Automation and Systems, 2021, 19, 4067-4077.	2.7	6
139	Resource-aware synchronized path following of multiple unmanned surface vehicles with experiments: A cooperative vector field approach. Control Engineering Practice, 2022, 124, 105184.	5.5	6
140	Convergence analysis on the power flow methods for distribution networks with small impedance branches. , 2008, , .		5
141	Adaptive neural control for a class of uncertain nonlinear systems with unknown time delay. International Journal of Robust and Nonlinear Control, 2009, 19, 807-821.	3.7	5
142	The multi-level simplified simulation of MMC based on half-bridge sub-models. , 2016, , .		5
143	Robust attitude tracking control of a rigid spacecraft based on nonlinearly controlled quaternions. , 2017, , .		5
144	Multi-objective fuzzy-decision-making-based FS-MPC with improved performance for grid-connected converters. Electrical Engineering, 2018, 100, 2439-2456.	2.0	5

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145	Direct voltage regulation of a stand-alone DFIC system with non-linear loads based on an improved extended state observer and SSM control. IET Renewable Power Generation, 2019, 13, 1891-1901.	3.1	5
146	Self-triggered three-dimensional coordinated path following of disk-type autonomous underwater gliders based on low-frequency learning fuzzy predictors. Ocean Engineering, 2021, 242, 110104.	4.3	5
147	Decentralized cooperative control of autonomous surface vehicles with uncertain dynamics: A dynamic surface approach. , 2011, , .		4
148	Containment control of networked autonomous underwater vehicles guided by multiple leaders using predictor-based neural DSC approach. , 2014, , .		4
149	Predictor-based line-of-sight guidance law for path following of underactuated marine surface vessels. , 2015, , .		4
150	Autopilot design for a robotic unmanned surface vehicle. , 2015, , .		4
151	Adaptive NN dynamic surface control for a class of uncertain non-affine pure-feedback systems with unknown time-delay. International Journal of Automation and Computing, 2016, 13, 268-276.	4.5	4
152	Cooperative learning neural network output feedback control of uncertain nonlinear multi-agent systems under directed topologies. International Journal of Systems Science, 2017, 48, 2590-2598.	5.5	4
153	A Neural Network Based Method for Solving Discrete-Time Nonlinear Output Regulation Problem in Sampled-Data Systems. Lecture Notes in Computer Science, 2004, , 59-64.	1.3	3
154	A network topology method by solving logic equations. , 2009, , .		3
155	Formation control in dynamic positioning of multiple offshore vessels via cooperative robust output regulation. , 2017, , .		3
156	Linear and exponential fault-assistant feature extraction methods for process monitoring. Control Engineering Practice, 2021, 109, 104732.	5.5	3
157	Global-local based wavelet functional principal component analysis for fault detection and diagnosis in batch processes. Chemometrics and Intelligent Laboratory Systems, 2021, 212, 104279.	3.5	3
158	Lyapunov-Based Fast Finite-State Model Predictive Control for Sensorless Three-Phase Four-Arm MMC. IEEE Journal of Emerging and Selected Topics in Power Electronics, 2023, 11, 2930-2941.	5.4	3
159	Neural Network Adaptive Control for Cooperative Path-Following of Marine Surface Vessels. Lecture Notes in Computer Science, 2012, , 507-514.	1.3	3
160	Neural Network Based Robust Adaptive Control for a Class of Nonlinear Systems. Lecture Notes in Computer Science, 2006, , 898-903.	1.3	3
161	Path Planning of an Saucer-type Autonomous Underwater Glider based on Adaptive Quantum-behaved Particle Swarm Optimization. , 2020, , .		3
162	An FDI approach for aircraft actuator lock-in-place fault. , 2007, , .		2

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163	A novel adaptive NN control for a class of strict-feedback nonlinear systems. , 2009, , .		2
164	A improved Newton power flow in rectangular form for systems with small impedance branches. , 2009, , .		2
165	Filtering robust adaptive formation guidance law with uncertain leader dynamics. , 2010, , .		2
166	An Online Self-organizing Neuro-Fuzzy System from training data. , 2010, , .		2
167	Adaptive fuzzy control for a class of non-affine systems. , 2010, , .		2
168	Robust adaptive neural control of uncertain pure-feedback nonlinear systems. , 2012, , .		2
169	Formation Tracking Control of Multiple Marine Surface Vehicles Over a Directed Network: a Cooperative Dynamic Surface Control Design. IFAC Postprint Volumes IPPV / International Federation of Automatic Control, 2013, 46, 707-712.	0.4	2
170	A predictor-based neural DSC design approach to distributed coordinated control of multiple autonomous underwater vehicles. , 2014, , .		2
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