

# Zhouhua Peng

## List of Publications by Year in descending order

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docs citations

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times ranked

3447  
citing authors

#	ARTICLE	IF	CITATIONS
1	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.	7.2	35
2	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.	3.7	3
3	Neural Predictor-Based Dynamic Surface Predictive Control for Power Converters. IEEE Transactions on Industrial Electronics, 2023, 70, 1057-1065.	5.2	13
4	Advances in Line-of-Sight Guidance for Path Following of Autonomous Marine Vehicles: An Overview. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 12-28.	5.9	61
5	Event-Triggered ESO-Based Robust MPC for Power Converters. IEEE Transactions on Industrial Electronics, 2023, 70, 2144-2152.	5.2	11
6	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.	9.4	27
7	Barrier-Certified Distributed Model Predictive Control of Under-Actuated Autonomous Surface Vehicles via Neurodynamic Optimization. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2023, 53, 563-575.	5.9	10
8	Constrained Control of Autonomous Surface Vehicles for Multitarget Encirclement via Fuzzy Modeling and Neurodynamic Optimization. IEEE Transactions on Fuzzy Systems, 2023, 31, 875-889.	6.5	0
9	Event-Triggered Neural-Predictor-Based FCS-MPC for MMC. IEEE Transactions on Industrial Electronics, 2022, 69, 6433-6440.	5.2	24
10	Network-Based Line-of-Sight Path Tracking of Underactuated Unmanned Surface Vehicles With Experiment Results. IEEE Transactions on Cybernetics, 2022, 52, 10937-10947.	6.2	30
11	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.	6.2	32
12	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.	6.5	34
13	Event-Triggered Cooperative Path Following of Autonomous Surface Vehicles Over Wireless Network With Experiment Results. IEEE Transactions on Industrial Electronics, 2022, 69, 11479-11489.	5.2	27
14	Distributed Output-Feedback Control of Unmanned Container Transporter Platooning With Uncertainties and Disturbances Using Event-Triggered Mechanism. IEEE Transactions on Vehicular Technology, 2022, 71, 162-170.	3.9	12
15	Neural Predictor-Based Low Switching Frequency FCS-MPC for MMC With Online Weighting Factors Tuning. IEEE Transactions on Power Electronics, 2022, 37, 4065-4079.	5.4	15
16	Anti-disturbance leader-follower synchronization control of marine vessels for underway replenishment based on robust exact differentiators. Ocean Engineering, 2022, 248, 110686.	1.9	15
17	Reliability-based fixed-time nonsingular terminal sliding mode control for dynamic positioning of turret-moored vessels with uncertainties and unknown disturbances. Ocean Engineering, 2022, 248, 110748.	1.9	14
18	Safe-critical formation reconfiguration of multiple unmanned surface vehicles subject to static and dynamic obstacles based on guiding vector fields and fixed-time control barrier functions. Ocean Engineering, 2022, 250, 110821.	1.9	9

#	ARTICLE	IF	CITATIONS
19	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.	9.4	21
20	Weather optimal area-keeping control for underactuated autonomous surface vehicle with input time-delay. International Journal of Naval Architecture and Ocean Engineering, 2022, 14, 100456.	1.0	1
21	Data-Driven Neural Predictors-Based Robust MPC for Power Converters. IEEE Transactions on Power Electronics, 2022, 37, 11650-11661.	5.4	19
22	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.	5.9	89
23	Output-Feedback Flocking Control of Multiple Autonomous Surface Vehicles Based on Data-Driven Adaptive Extended State Observers. IEEE Transactions on Cybernetics, 2021, 51, 4611-4622.	6.2	93
24	Event-Triggered Dynamic Surface Control of an Underactuated Autonomous Surface Vehicle for Target Enclosing. IEEE Transactions on Industrial Electronics, 2021, 68, 3402-3412.	5.2	137
25	An Overview of Recent Advances in Coordinated Control of Multiple Autonomous Surface Vehicles. IEEE Transactions on Industrial Informatics, 2021, 17, 732-745.	7.2	306
26	Distributed Containment Maneuvering of Uncertain Multiagent Systems in MIMO Strict-Feedback Form. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2021, 51, 1354-1364.	5.9	33
27	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.	3.7	20
28	Path-Guided Containment Maneuvering of Mobile Robots: Theory and Experiments. IEEE Transactions on Industrial Electronics, 2021, 68, 7178-7187.	5.2	30
29	Data-Driven Adaptive Disturbance Observers for Model-Free Trajectory Tracking Control of Maritime Autonomous Surface Ships. IEEE Transactions on Neural Networks and Learning Systems, 2021, 32, 5584-5594.	7.2	56
30	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.	7.2	74
31	Collision-free Cooperative Kinematic Guidance Laws for Multiple Unmanned Surface Vehicles Subject to Static and Dynamic Obstacles. , 2021, , .		0
32	Learning to Control of an Under-actuated Autonomous Surface Vehicle Based on Model-based Deep Reinforcement Learning. , 2021, , .		0
33	Prediction-Based Event-triggered Extended State Observers Design for Unmanned Surface Vehicles. , 2021, , .		1
34	Cooperative Diving of Multiple Under-actuated Saucer-type Autonomous Underwater Gliders Based on Linear Extended State Observers. , 2021, , .		0
35	Extended state observer based anti-disturbance tracking control for omnidirectional mobile robots subject to uncertainties and wheel skidding. , 2021, , .		0
36	Extended-state-observer-based distributed model predictive formation control of under-actuated unmanned surface vehicles with collision avoidance. Ocean Engineering, 2021, 238, 109587.	1.9	36

#	ARTICLE	IF	CITATIONS
37	Predictor-Based Neural Network Finite-Set Predictive Control for Modular Multilevel Converter. IEEE Transactions on Industrial Electronics, 2021, 68, 11621-11627.	5.2	35
38	Efficient model-free predictive power control for active front-end modular multilevel converter. International Journal of Electrical Power and Energy Systems, 2021, 132, 107058.	3.3	2
39	Output-Based Tracking Control for a Class of Car-Like Mobile Robot Subject to Slipping and Skidding Using Event-Triggered Mechanism. Electronics (Switzerland), 2021, 10, 2886.	1.8	1
40	Cooperative Trajectory Tracking of Multiple Unmanned Surface Vehicles via Distributed Time-Varying Optimization. , 2021, , .		0
41	Adaptive Parameter Identification of Maritime Autonomous Surface Ships with Exponential Convergence. , 2021, , .		0
42	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.	1.6	6
43	Model Predictive Direct Power Control for PWM Rectifiers Based on Online Parameter Identification. , 2021, , .		2
44	Cooperative Path Following Ring-Networked Under-Actuated Autonomous Surface Vehicles: Algorithms and Experimental Results. IEEE Transactions on Cybernetics, 2020, 50, 1519-1529.	6.2	124
45	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.	3.1	40
46	Output-Feedback Cooperative Formation Maneuvering of Autonomous Surface Vehicles With Connectivity Preservation and Collision Avoidance. IEEE Transactions on Cybernetics, 2020, 50, 2527-2535.	6.2	215
47	Finite-Level-State Model Predictive Control for Sensorless Three-Phase Four-Arm Modular Multilevel Converter. IEEE Transactions on Power Electronics, 2020, 35, 4462-4466.	5.4	34
48	Line-of-Sight Target Enclosing of an Underactuated Autonomous Surface Vehicle With Experiment Results. IEEE Transactions on Industrial Informatics, 2020, 16, 832-841.	7.2	66
49	Event-triggered ISS-modular neural network control for containment maneuvering of nonlinear strict-feedback multi-agent systems. Neurocomputing, 2020, 377, 314-324.	3.5	18
50	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.	3.1	9
51	Event-triggered fuzzy control of networked nonlinear underactuated unmanned surface vehicle. Ocean Engineering, 2020, 213, 107540.	1.9	29
52	Event-triggered LOS Guidance for Path Following of an Unmanned Surface Vehicle over Wireless Network. , 2020, , .		1
53	Mobile Robot Localization Using Soft Sensor. , 2020, , .		0
54	Lyapunov-based finite control-set model predictive control for nested neutral point-clamped converters without weighting factors. International Journal of Electrical Power and Energy Systems, 2020, 121, 106071.	3.3	11

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55	Event-triggered extended state observers design for dynamic positioning vessels subject to unknown sea loads. <i>Ocean Engineering</i> , 2020, 209, 107242.	1.9	81
56	Event-triggered control for containment maneuvering of second-order MIMO multi-agent systems with unmatched uncertainties and disturbances. <i>Chinese Journal of Aeronautics</i> , 2020, 33, 2959-2971.	2.8	15
57	Adaptive distributed observer design for containment control of heterogeneous discrete-time swarm systems. <i>Chinese Journal of Aeronautics</i> , 2020, 33, 2898-2906.	2.8	6
58	Event-triggered neural network control of autonomous surface vehicles over wireless network. <i>Science China Information Sciences</i> , 2020, 63, 1.	2.7	10
59	Improved super-twisting sliding mode control of a stand-alone DFIG system with harmonic current suppression. <i>IET Power Electronics</i> , 2020, 13, 1311-1320.	1.5	12
60	Nonlinear observer design for a robotic unmanned surface vehicle with experiment results. <i>Applied Ocean Research</i> , 2020, 95, 102028.	1.8	15
61	Robust Distributed Guidance and Control of Multiple Autonomous Surface Vehicles based on Extended State Observers and Finite-set Model Predictive Control. , 2020, , .		2
62	Constrained Control of Autonomous Underwater Vehicles Based on Command Optimization and Disturbance Estimation. <i>IEEE Transactions on Industrial Electronics</i> , 2019, 66, 3627-3635.	5.2	184
63	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.	3.2	46
64	An improved finite control-set model predictive control for nested neutral point-clamped converters under both balanced and unbalanced grid conditions. <i>International Journal of Electrical Power and Energy Systems</i> , 2019, 104, 910-923.	3.3	26
65	Anti-disturbance Coordinated Path-following Control of Robotic Autonomous Surface Vehicles: Theory and Experiment. <i>IEEE/ASME Transactions on Mechatronics</i> , 2019, , 1-1.	3.7	32
66	Adaptive Cooperative Diving of Saucer-Type Underwater Gliders Subject to Model Uncertainties and Input Constraints. <i>IEEE Access</i> , 2019, 7, 60042-60054.	2.6	6
67	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.	1.9	61
68	Quantitative Assessment of the Influences of Three Gorges Dam on the Water Level of Poyang Lake, China. <i>Water (Switzerland)</i> , 2019, 11, 1519.	1.2	25
69	Direct voltage control of stand-alone DFIG under asymmetric loads based on non-singular terminal sliding mode control and improved extended state observer. <i>IET Electric Power Applications</i> , 2019, 13, 958-968.	1.1	8
70	Path-guided time-varying formation control with collision avoidance and connectivity preservation of under-actuated autonomous surface vehicles subject to unknown input gains. <i>Ocean Engineering</i> , 2019, 191, 106501.	1.9	81
71	Modular neural dynamic surface control for position tracking of permanent magnet synchronous motor subject to unknown uncertainties. <i>Neurocomputing</i> , 2019, 360, 163-171.	3.5	10
72	Direct voltage regulation of a stand-alone DFIG system with non-linear loads based on an improved extended state observer and SSM control. <i>IET Renewable Power Generation</i> , 2019, 13, 1891-1901.	1.7	5

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73	Neural-Network-based Finite-Set Model Predictive Control of an Autonomous Surface Vehicle Powered by an Electrical Motor. , 2019, , .		1
74	Finite-set Model Predictive Speed and Heading Control of Autonomous Surface Vehicles with Unmeasured States. , 2019, , .		1
75	Path-guided Collision-free Formation Guidance Law for a Fleet of Under-actuated Autonomous Surface Vehicles. , 2019, , .		0
76	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.	2.6	16
77	Event-triggered Modular Neural Network Control for Containment Maneuvering of Second-order MIMO Multi-agent Systems. , 2019, , .		0
78	Identifying protein-protein interface via a novel multi-scale local sequence and structural representation. BMC Bioinformatics, 2019, 20, 483.	1.2	9
79	State recovery and disturbance estimation of unmanned surface vehicles based on nonlinear extended state observers. Ocean Engineering, 2019, 171, 625-632.	1.9	115
80	Path-Following Control of Autonomous Underwater Vehicles Subject to Velocity and Input Constraints via Neurodynamic Optimization. IEEE Transactions on Industrial Electronics, 2019, 66, 8724-8732.	5.2	215
81	Approximation Algorithms for the Maximum Weight Internal Spanning Tree Problem. Algorithmica, 2019, 81, 4167-4199.	1.0	5
82	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.	7.2	142
83	Adaptive Fuzzy Containment Control of Nonlinear Systems With Unmeasurable States. IEEE Transactions on Cybernetics, 2019, 49, 961-973.	6.2	38
84	Consensus Maneuvering for a Class of Nonlinear Multivehicle Systems in Strict-Feedback Form. IEEE Transactions on Cybernetics, 2019, 49, 1759-1767.	6.2	40
85	Progressive approach for SNP calling and haplotype assembly using single molecular sequencing data. Bioinformatics, 2018, 34, 2012-2018.	1.8	24
86	Output-Feedback Path-Following Control of Autonomous Underwater Vehicles Based on an Extended State Observer and Projection Neural Networks. IEEE Transactions on Systems, Man, and Cybernetics: Systems, 2018, 48, 535-544.	5.9	272
87	Distributed Maneuvering of Autonomous Surface Vehicles Based on Neurodynamic Optimization and Fuzzy Approximation. IEEE Transactions on Control Systems Technology, 2018, 26, 1083-1090.	3.2	291
88	A simplified multi-objective optimization-based direct finite-set model predictive control for active front-end rectifiers with fast dynamic response. IEEE Transactions on Electrical and Electronic Engineering, 2018, 13, 285-294.	0.8	1
89	Extended-State-Observer-Based Collision-Free Guidance Law for Target Tracking of Autonomous Surface Vehicles with Unknown Target Dynamics. Complexity, 2018, 2018, 1-10.	0.9	13
90	An Improved Calculation Method for Short Circuit Current of Marine Power System. , 2018, , .		0

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91	Maximum Power Tracking Control of Wind Energy Conversion Systems Based on Prescribed Performance Function and Extended State Observer. , 2018, , .		1
92	Distributed Kinematic Guidance Law for Containment Maneuvering of Underactuated Autonomous Surface Vehicles. , 2018, , .		0
93	Strong iISS Target Tracking Controller Design for an Unmanned Surface Vehicle with Uncertain Follower Dynamics and Target Dynamics. , 2018, , .		0
94	Predictor-based Bounded Fuzzy Control for Target Enclosing of an Autonomous Surface Vehicle. , 2018, , .		0
95	Comprehensive study of instable regions in Pseudomonas aeruginosa and Mycobacterium tuberculosis. BioMedical Engineering OnLine, 2018, 17, 133.	1.3	3
96	GRSR: a tool for deriving genome rearrangement scenarios from multiple unichromosomal genome sequences. BMC Bioinformatics, 2018, 19, 291.	1.2	2
97	Multi-objective fuzzy-decision-making-based FS-MPC with improved performance for grid-connected converters. Electrical Engineering, 2018, 100, 2439-2456.	1.2	5
98	Saturated guidance law for distributed containment maneuvering of fully-actuated autonomous surface vehicles under a directed graph. , 2018, , .		1
99	A Computationally Efficient FCS-MPC Method Without Weighting Factors for NNPCs With Optimal Duty Cycle Control. IEEE/ASME Transactions on Mechatronics, 2018, 23, 2503-2514.	3.7	42
100	Nonlinear Observer Design for a Robotic Unmanned Surface Vehicle Using GPS and IMU Measurements with Experimental Results. , 2018, , .		0
101	Containment Maneuvering for a Class of Uncertain Nonlinear Systems Based on Concurrent Learning. , 2018, , .		0
102	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.	2.3	29
103	Fault-tolerant containment control of uncertain nonlinear systems in strict-feedback form. International Journal of Robust and Nonlinear Control, 2017, 27, 497-511.	2.1	36
104	Distributed Containment Maneuvering of Multiple Marine Vessels via Neurodynamics-Based Output Feedback. IEEE Transactions on Industrial Electronics, 2017, 64, 3831-3839.	5.2	269
105	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.	5.9	128
106	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.	3.1	30
107	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.	2.1	233
108	Containment Maneuvering of Marine Surface Vehicles With Multiple Parameterized Paths via Spatial-Temporal Decoupling. IEEE/ASME Transactions on Mechatronics, 2017, 22, 1026-1036.	3.7	175

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109	Predictor-based iterative neural dynamic surface control for three-phase voltage source PWM rectifier. IEEJ Transactions on Electrical and Electronic Engineering, 2017, 12, 942-951.	0.8	2
110	Saturated coordinated control of multiple underactuated unmanned surface vehicles over a closed curve. Science China Information Sciences, 2017, 60, 1.	2.7	27
111	Core-genome scaffold comparison reveals the prevalence that inversion events are associated with pairs of inverted repeats. BMC Genomics, 2017, 18, 268.	1.2	11
112	Predictive direct power control for three-phase grid-connected converters with online parameter identification. International Transactions on Electrical Energy Systems, 2017, 27, e2240.	1.2	13
113	Coordinated path-following of underactuated unmanned surface vehicles with limited torques over a closed curve. , 2017, , .		0
114	Guidance law design for synchronized path following of underactuated unmanned surface vehicles based on distributed observer. , 2017, , .		1
115	Extended state observer design for autonomous surface vehicles using position-yaw measurements. , 2017, , .		1
116	Formation control in dynamic positioning of multiple offshore vessels via cooperative robust output regulation. , 2017, , .		3
117	Adaptive line-of-sight guidance law for synchronized path-following of under-actuated unmanned surface vehicles based on low-frequency learning. , 2017, , .		2
118	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.	7.2	176
119	Coordinated path following of multiple underactuated marine surface vehicles along one curve. ISA Transactions, 2016, 64, 258-268.	3.1	54
120	Nonlinear dynamics modeling and performance prediction for underactuated AUV with fins. Nonlinear Dynamics, 2016, 84, 237-249.	2.7	31
121	Predictor-based LOS guidance law for path following of underactuated marine surface vehicles with sideslip compensation. Ocean Engineering, 2016, 124, 340-348.	1.9	125
122	Active disturbance rejection control for an unbalanced stand-alone doubly fed induction generator. , 2016, , .		2
123	Distributed coordinated control of multiple underactuated marine surface vehicles along one curve. , 2016, , .		0
124	Coordinated control of multiple underactuated marine surface vehicles along one parameterized path. , 2016, , .		0
125	Active disturbance rejection control for stand-alone doubly fed induction generator. , 2016, , .		0
126	A simplified direct finite-control-set model predictive control for AFEs with DC-Link voltage dynamic reference design. , 2016, , .		2



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127	ESO-based line-of-sight guidance law for straight line path following with exact sideslip compensation. , 2016, , .		6
128	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.	2.7	18
129	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.	1.9	32
130	Coordinated target-enclosing of underactuated marine surface vehicles. , 2016, , .		1
131	Containment maneuvering of marine surface vessels. , 2016, , .		2
132	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.	5.9	200
133	Cooperative Dynamic Positioning of Multiple Marine Offshore Vessels: A Modular Design. IEEE/ASME Transactions on Mechatronics, 2016, 21, 1210-1221.	3.7	112
134	Neural adaptive steering of an unmanned surface vehicle with measurement noises. Neurocomputing, 2016, 186, 228-234.	3.5	36
135	Path following of marine surface vehicles with dynamical uncertainty and time-varying ocean disturbances. Neurocomputing, 2016, 173, 799-808.	3.5	86
136	Adaptive neural control for cooperative path following of marine surface vehicles: state and output feedback. International Journal of Systems Science, 2016, 47, 343-359.	3.7	20
137	Predictor-based line-of-sight guidance law for path following of underactuated marine surface vessels. , 2015, , .		4
138	Containment control of networked autonomous underwater vehicles using output information. , 2015, , .		0
139	A predictor-based neural modified DSC approach to distributed formation tracking of networked marine surface vehicles. , 2015, , .		0
140	Autopilot design for a robotic unmanned surface vehicle. , 2015, , .		4
141	Containment control of networked autonomous underwater vehicles with model uncertainty and ocean disturbances guided by multiple leaders. Information Sciences, 2015, 316, 163-179.	4.0	180
142	Direct and composite iterative neural control for cooperative dynamic positioning of marine surface vessels. Nonlinear Dynamics, 2015, 81, 1315-1328.	2.7	27
143	Containment control of networked autonomous underwater vehicles: A predictor-based neural DSC design. ISA Transactions, 2015, 59, 160-171.	3.1	64
144	Path following of underactuated MSVs with model uncertainty and ocean disturbances along straight lines. , 2015, , .		2

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145	Output feedback adaptive control for autopilot design of an unmanned surface vehicle. , 2015, , .		0
146	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.	3.7	30
147	Distributed containment control for uncertain nonlinear multi-agent systems in non-affine pure-feedback form under switching topologies. Neurocomputing, 2015, 152, 1-10.	3.5	70
148	Cooperative output feedback adaptive control of uncertain nonlinear multi-agent systems with a dynamic leader. Neurocomputing, 2015, 149, 132-141.	3.5	47
149	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.	3.2	25
150	A DSC approach to synchronized path following of multiple underactuated AUVs with uncertain dynamics and input constrains. , 2014, , .		1
151	Adaptive dynamic surface control for three-phase PWM voltage source rectifier. , 2014, , .		0
152	Sensorless control of a stand-alone Doubly fed induction machine for ship shaft generator systems. , 2014, , .		1
153	A predictor-based neural DSC design approach to distributed coordinated control of multiple autonomous underwater vehicles. , 2014, , .		2
154	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
155	Cooperative dynamic positioning of multiple offshore vessels with persistent ocean disturbances via iterative learning. , 2014, , .		2
156	Containment control of networked autonomous underwater vehicles guided by multiple leaders using predictor-based neural DSC approach. , 2014, , .		4
157	Adaptive fuzzy control for synchronization of second-order nonlinear systems with prescribed performance. , 2014, , .		2
158	Cooperative dynamic positioning of multiple offshore vessels via local information interactions. , 2014, , .		1
159	Neural adaptive control for leaderâ€“follower flocking of networked nonholonomic agents with unknown nonlinear dynamics. International Journal of Adaptive Control and Signal Processing, 2014, 28, 479-495.	2.3	16
160	Adaptive dynamic surface control for cooperative path following of marine surface vehicles with input saturation. Nonlinear Dynamics, 2014, 77, 107-117.	2.7	81
161	Distributed coordinated tracking of multiple autonomous underwater vehicles. Nonlinear Dynamics, 2014, 78, 1261-1276.	2.7	40
162	Coordinated pattern tracking of multiple marine surface vehicles with uncertain kinematics and kinetics. , 2014, , .		0

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163	Adaptive output feedback control for cooperative dynamic positioning of multiple offshore vessels. , 2014, , .		1
164	Cooperative tracking and estimation of linear multi-agent systems with a dynamic leader via iterative learning. International Journal of Control, 2014, 87, 1163-1171.	1.2	15
165	Robust adaptive consensus of high-order nonlinear systems using fuzzy logical systems and continuous second-order sliding mode. , 2014, , .		0
166	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.	3.5	78
167	Distributed Neural Network Control for Adaptive Synchronization of Uncertain Dynamical Multiagent Systems. IEEE Transactions on Neural Networks and Learning Systems, 2014, 25, 1508-1519.	7.2	243
168	Distributed cooperative tracking of uncertain nonlinear multi-agent systems with fast learning. Neurocomputing, 2014, 129, 494-503.	3.5	11
169	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.	3.5	23
170	Distributed cooperative stabilisation of continuous-time uncertain nonlinear multi-agent systems. International Journal of Systems Science, 2014, 45, 2031-2041.	3.7	16
171	Leaderless and leader-follower cooperative control of multiple marine surface vehicles with unknown dynamics. Nonlinear Dynamics, 2013, 74, 95-106.	2.7	82
172	Single neural network approximation based adaptive control for a class of uncertain strict-feedback nonlinear systems. Nonlinear Dynamics, 2013, 72, 175-184.	2.7	48
173	Distributed model reference adaptive control for cooperative tracking of uncertain dynamical multi-agent systems. IET Control Theory and Applications, 2013, 7, 1079-1087.	1.2	75
174	Cooperative tracking of uncertain dynamical multi-agent systems: A distributed MRAC approach. , 2013, , .		0
175	Distributed neural control for cooperative tracking of uncertain nonlinear multi-agent systems under a directed network. , 2013, , .		0
176	A DSC approach to adaptive neural network tracking control for pure-feedback nonlinear systems. Applied Mathematics and Computation, 2013, 219, 6224-6235.	1.4	50
177	Robust adaptive neural control of uncertain pure-feedback nonlinear systems. International Journal of Control, 2013, 86, 912-922.	1.2	24
178	Adaptive Dynamic Surface Control for Formations of Autonomous Surface Vehicles With Uncertain Dynamics. IEEE Transactions on Control Systems Technology, 2013, 21, 513-520.	3.2	425
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