Zhouhua Peng

List of Publications by Year
in descending order

204	10,015	47006	36028
papers	citations	47	97
		h-index	g-index

204	204	204	3447
all docs	docs citations	times ranked	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	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.	9.3	272
8	Distributed Containment Maneuvering of Multiple Marine Vessels via Neurodynamics-Based Output Feedback. IEEE Transactions on Industrial Electronics, 2017, 64, 3831-3839.	7.9	269
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	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.	7.9	215
12	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
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	Constrained Control of Autonomous Underwater Vehicles Based on Command Optimization and Disturbance Estimation. IEEE Transactions on Industrial Electronics, 2019, 66, 3627-3635.	7.9	184
15	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
16	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
17	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
18	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

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19	Robust adaptive formation control of underactuated autonomous surface vehicles with uncertain dynamics. IET Control Theory and Applications, 2011, 5, 1378-1387.	2.1	146
20	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
21	Event-Triggered Dynamic Surface Control of an Underactuated Autonomous Surface Vehicle for Target Enclosing. IEEE Transactions on Industrial Electronics, 2021, 68, 3402-3412.	7.9	137
22	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
23	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
24	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
25	State recovery and disturbance estimation of unmanned surface vehicles based on nonlinear extended state observers. Ocean Engineering, 2019, 171, 625-632.	4.3	115
26	Cooperative Dynamic Positioning of Multiple Marine Offshore Vessels: A Modular Design. IEEE/ASME Transactions on Mechatronics, 2016, 21, 1210-1221.	5.8	112
27	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.	9.5	93
28	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
29	Path following of marine surface vehicles with dynamical uncertainty and time-varying ocean disturbances. Neurocomputing, 2016, 173, 799-808.	5.9	86
30	Leaderless and leader-follower cooperative control of multiple marine surface vehicles with unknown dynamics. Nonlinear Dynamics, 2013, 74, 95-106.	5.2	82
31	Adaptive dynamic surface control for cooperative path following of marine surface vehicles with input saturation. Nonlinear Dynamics, 2014, 77, 107-117.	5.2	81
32	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
33	Event-triggered extended state observers design for dynamic positioning vessels subject to unknown sea loads. Ocean Engineering, 2020, 209, 107242.	4.3	81
34	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
35	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
36	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

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37	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
38	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
39	Containment control of networked autonomous underwater vehicles: A predictor-based neural DSC design. ISA Transactions, 2015, 59, 160-171.	5.7	64
40	Distributed containment maneuvering of uncertain under-actuated unmanned surface vehicles guided by multiple virtual leaders with a formation. Ocean Engineering, 2019, 187, 105996.	4.3	61
41	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.	9.3	61
42	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.	11.3	56
43	Adaptive dynamic surface control for cooperative path following of underactuated marine surface vehicles via fast learning. IET Control Theory and Applications, 2013, 7, 1888-1898.	2.1	55
44	Coordinated path following of multiple underacutated marine surface vehicles along one curve. ISA Transactions, 2016, 64, 258-268.	5.7	54
45	A DSC approach to adaptive neural network tracking control for pure-feedback nonlinear systems. Applied Mathematics and Computation, 2013, 219, 6224-6235.	2.2	50
46	Adaptive neural control of nonlinear MIMO systems with unknown time delays. Neurocomputing, 2012, 78, 83-88.	5.9	49
47	Single neural network approximation based adaptive control for a class of uncertain strict-feedback nonlinear systems. Nonlinear Dynamics, 2013, 72, 175-184.	5.2	48
48	Cooperative output feedback adaptive control of uncertain nonlinear multi-agent systems with a dynamic leader. Neurocomputing, 2015, 149, 132-141.	5.9	47
49	Cascade-Free Fuzzy Finite-Control-Set Model Predictive Control for Nested Neutral Point-Clamped Converters With Low Switching Frequency. IEEE Transactions on Control Systems Technology, 2019, 27, 2237-2244.	5.2	46
50	Single machine group scheduling with general linear deterioration to minimize the makespan. International Journal of Advanced Manufacturing Technology, 2009, 43, 146-150.	3.0	43
51	Adaptive fuzzy control of uncertain MIMO non-linear systems in block-triangular forms. Nonlinear Dynamics, 2011, 63, 105-123.	5.2	43
52	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.	5.8	42
53	Distributed coordinated tracking of multiple autonomous underwater vehicles. Nonlinear Dynamics, 2014, 78, 1261-1276.	5.2	40
54	Consensus Maneuvering for a Class of Nonlinear Multivehicle Systems in Strict-Feedback Form. IEEE Transactions on Cybernetics, 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	Single-machine scheduling with simple linear deterioration to minimize earliness penalties. International Journal of Advanced Manufacturing Technology, 2010, 46, 285-290.	3.0	39
57	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
58	Adaptive Fuzzy Containment Control of Nonlinear Systems With Unmeasurable States. IEEE Transactions on Cybernetics, 2019, 49, 961-973.	9.5	38
59	Single-machine scheduling with a time-dependent deterioration. International Journal of Advanced Manufacturing Technology, 2009, 43, 805-809.	3.0	37
60	Neural adaptive steering of an unmanned surface vehicle with measurement noises. Neurocomputing, 2016, 186, 228-234.	5.9	36
61	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
62	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
63	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
64	Predictor-Based Neural Network Finite-Set Predictive Control for Modular Multilevel Converter. IEEE Transactions on Industrial Electronics, 2021, 68, 11621-11627.	7.9	35
65	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
66	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
67	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
68	Cooperative Adaptive Fuzzy Output Feedback Control for Synchronization of Nonlinear Multiâ€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	Nonlinear dynamics modeling and performance prediction for underactuated AUV with fins. Nonlinear Dynamics, 2016, 84, 237-249.	5.2	31
72	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

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73	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
74	Path-Guided Containment Maneuvering of Mobile Robots: Theory and Experiments. IEEE Transactions on Industrial Electronics, 2021, 68, 7178-7187.	7.9	30
75	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
76	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
77	Event-triggered fuzzy control of networked nonlinear underactuated unmanned surface vehicle. Ocean Engineering, 2020, 213, 107540.	4.3	29
78	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
79	Direct and composite iterative neural control for cooperative dynamic positioning of marine surface vessels. Nonlinear Dynamics, 2015, 81, 1315-1328.	5.2	27
80	Saturated coordinated control of multiple underactuated unmanned surface vehicles over a closed curve. Science China Information Sciences, 2017, 60, 1.	4.3	27
81	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
82	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
83	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
84	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
85	Quantitative Assessment of the Influences of Three Gorges Dam on the Water Level of Poyang Lake, China. Water (Switzerland), 2019, 11, 1519.	2.7	25
86	Robust adaptive neural control of uncertain pure-feedback nonlinear systems. International Journal of Control, 2013, 86, 912-922.	1.9	24
87	Progressive approach for SNP calling and haplotype assembly using single molecular sequencing data. Bioinformatics, 2018, 34, 2012-2018.	4.1	24
88	Event-Triggered Neural-Predictor-Based FCS-MPC for MMC. IEEE Transactions on Industrial Electronics, 2022, 69, 6433-6440.	7.9	24
89	Deteriorating jobs and learning effects on a single-machine scheduling with past-sequence-dependent setup times. International Journal of Advanced Manufacturing Technology, 2010, 46, 707-714.	3.0	23
90	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

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91	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
92	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
93	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
94	Robust leader-follower formation tracking control of multiple underactuated surface vessels. China Ocean Engineering, 2012, 26, 521-534.	1.6	19
95	Data-Driven Neural Predictors-Based Robust MPC for Power Converters. IEEE Transactions on Power Electronics, 2022, 37, 11650-11661.	7.9	19
96	A note on single-machine total completion time problem with general deteriorating function. International Journal of Advanced Manufacturing Technology, 2009, 44, 1213-1218.	3.0	18
97	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
98	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
99	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
100	Distributed cooperative stabilisation of continuous-time uncertain nonlinear multi-agent systems. International Journal of Systems Science, 2014, 45, 2031-2041.	5.5	16
101	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
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	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
106	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
107	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.	4.3	14
108	Single-machine scheduling with a sum-of-processing-time based learning effect and deteriorating jobs. International Journal of Advanced Manufacturing Technology, 2009, 45, 336-340.	3.0	13

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109	Predictive direct power control for three-phase grid-connected converters with online parameter identification. International Transactions on Electrical Energy Systems, 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. Complexity, 2018, 2018, 1-10.	1.6	13
111	Neural Predictor-Based Dynamic Surface Predictive Control for Power Converters. IEEE Transactions on Industrial Electronics, 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. IET Power Electronics, 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. IEEE Transactions on Vehicular Technology, 2022, 71, 162-170.	6.3	12
115	Distributed cooperative tracking of uncertain nonlinear multi-agent systems with fast learning. Neurocomputing, 2014, 129, 494-503.	5.9	11
116	Core-genome scaffold comparison reveals the prevalence that inversion events are associated with pairs of inverted repeats. BMC Genomics, 2017, 18, 268.	2.8	11
117	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.	5.5	11
118	Event-Triggered ESO-Based Robust MPC for Power Converters. IEEE Transactions on Industrial Electronics, 2023, 70, 2144-2152.	7.9	11
119	Modular neural dynamic surface control for position tracking of permanent magnet synchronous motor subject to unknown uncertainties. Neurocomputing, 2019, 360, 163-171.	5.9	10
120	Event-triggered neural network control of autonomous surface vehicles over wireless network. Science China Information Sciences, 2020, 63, 1.	4.3	10
121	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.	9.3	10
122	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
123	Identifying protein-protein interface via a novel multi-scale local sequence and structural representation. BMC Bioinformatics, 2019, 20, 483.	2.6	9
124	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
125	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.	4.3	9
126	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

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127	ESO-based line-of-sight guidance law for straight line path following with exact sideslip compensation. , 2016, , .		6
128	Adaptive Cooperative Diving of Saucer-Type Underwater Gliders Subject to Model Uncertainties and Input Constraints. IEEE Access, 2019, 7, 60042-60054.	4.2	6
129	Adaptive distributed observer design for containment control of heterogeneous discrete-time swarm systems. Chinese Journal of Aeronautics, 2020, 33, 2898-2906.	5.3	6
130	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
131	Multi-objective fuzzy-decision-making-based FS-MPC with improved performance for grid-connected converters. Electrical Engineering, 2018, 100, 2439-2456.	2.0	5
132	Direct voltage regulation of a standâ€alone DFIG system with nonâ€linear loads based on an improvedâ€extended state observer and SSM control. IET Renewable Power Generation, 2019, 13, 1891-1901.	3.1	5
133	Approximation Algorithms for the Maximum Weight Internal Spanning Tree Problem. Algorithmica, 2019, 81, 4167-4199.	1.3	5
134	Decentralized cooperative control of autonomous surface vehicles with uncertain dynamics: A dynamic surface approach. , 2011, , .		4
135	Containment control of networked autonomous underwater vehicles guided by multiple leaders using predictor-based neural DSC approach. , 2014, , .		4
136	Predictor-based line-of-sight guidance law for path following of underactuated marine surface vessels. , 2015, , .		4
137	Autopilot design for a robotic unmanned surface vehicle. , 2015, , .		4
138	Formation control in dynamic positioning of multiple offshore vessels via cooperative robust output regulation. , 2017, , .		3
139	Comprehensive study of instable regions in Pseudomonas aeruginosa and Mycobacterium tuberculosis. BioMedical Engineering OnLine, 2018, 17, 133.	2.7	3
140	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
141	Filtering robust adaptive formation guidance law with uncertain leader dynamics. , 2010, , .		2
142	Robust adaptive neural control of uncertain pure-feedback nonlinear systems. , 2012, , .		2
143	A predictor-based neural DSC design approach to distributed coordinated control of multiple autonomous underwater vehicles. , 2014, , .		2
144	Cooperative dynamic positioning of multiple offshore vessels with persistent ocean disturbances via iterative learning. , 2014, , .		2

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145	Adaptive fuzzy control for synchronization of second-order nonlinear systems with prescribed performance. , 2014, , .		2
146	Path following of underactuated MSVs with model uncertainty and ocean disturbances along straight lines. , 2015, , .		2
147	Active disturbance rejection control for an unbalanced stand-alone doubly fed induction generator. , 2016, , .		2
148	A simplified direct finite-control-set model predictive control for AFEs with DC-Link voltage dynamic reference design. , 2016, , .		2
149	Containment maneuvering of marine surface vessels. , 2016, , .		2
150	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.	1.4	2
151	Adaptive line-of-sight guidance law for synchronized path-following of under-actuated unmanned surface vehicles based on low-frequency learning. , 2017, , .		2
152	GRSR: a tool for deriving genome rearrangement scenarios from multiple unichromosomal genome sequences. BMC Bioinformatics, 2018, 19, 291.	2.6	2
153	Efficient model-free predictive power control for active front-end modular multilevel converter. International Journal of Electrical Power and Energy Systems, 2021, 132, 107058.	5.5	2
154	Robust Distributed Guidance and Control of Multiple Autonomous Surface Vehicles based on Extended State Observers and Finite-set Model Predictive Control. , 2020, , .		2
155	Model Predictive Direct Power Control for PWM Rectifiers Based on Online Parameter Identification. , 2021, , .		2
156	Distributed robust stabilization for a class of uncertain nonlinear multi-agent systems. , 2012, , .		1
157	Robust adaptive neural network control for strict-feedback nonlinear systems with uncertainties. , 2012, , .		1
158	A DSC approach to synchronized path following of multiple underactuated AUVs with uncertain dynamics and input constrains. , 2014, , .		1
159	Sensorless control of a stand-alone Doubly fed induction machine for ship shaft generator systems. , 2014, , .		1
160	Cooperative dynamic positioning of multiple offshore vessels via local information interactions. , 2014, , .		1
161	Adaptive output feedback control for cooperative dynamic positioning of multiple offshore vessels. , 2014, , .		1
162	Coordinated target-enclosing of underactuated marine surface vehicles. , 2016, , .		1

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163	Guidance law design for synchronized path following of underactuated unmanned surface vehicles based on distributed observer. , 2017, , .		1
164	Extended state observer design for autonomous surface vehicles using position-yaw measurements. , 2017, , .		1
165	A simplified multiâ€objective optimizationâ€based direct finiteâ€controlâ€set model predictive control for active frontâ€end rectifiers with fast dynamic response. IEEJ Transactions on Electrical and Electronic Engineering, 2018, 13, 285-294.	1.4	1
166	Maximum Power Tracking Control of Wind Energy Conversion Systems Based on Prescribed Performance Function and Extended State Observer. , 2018, , .		1
167	Saturated guidance law for distributed containment maneuvering of fully-actuated autonomous surface vehicles under a directed graph. , 2018, , .		1
168	Neural-Network-based Finite-Set Model Predictive Control of an Autonomous Surface Vehicle Powered by an Electrical Motor. , 2019, , .		1
169	Finite-set Model Predictive Speed and Heading Control of Autonomous Surface Vehicles with Unmeasured States. , 2019, , .		1
170	Event-triggered LOS Guidance for Path Following of an Unmanned Surface Vehicle over Wireless Network. , 2020, , .		1
171	Prediction-Based Event-triggered Extended State Observers Design for Unmanned Surface Vehicles. , 2021, , .		1
172	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.	3.1	1
173	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.	2.3	1
174	On-line approximation based robust adaptive control for a class of uncertain systems. , 2010, , .		0
175	Rendezvous of networked autonomous surface vehicles with distributed neural protocols. , 2012, , .		0
176	Cooperative tracking of uncertain dynamical multi-agent systems: A distributed MRAC approach. , 2013, , .		0
177	Distributed neural control for cooperative tracking of uncertain nonlinear multi-agent systems under a directed network. , 2013, , .		0
178	Adaptive dynamic surface control for three-phase PWM voltage source rectifier. , 2014, , .		0
179	Coordinated pattern tracking of multiple marine surface vehicles with uncertain kinematics and kinetics. , 2014, , .		0
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